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**UNITED NATIONS EDUCATIONAL, SCIENTIFIC
AND CULTURAL ORGANIZATION**

**CONVENTION CONCERNING THE PROTECTION OF
THE WORLD CULTURAL AND NATURAL HERITAGE**

WORLD HERITAGE COMMITTEE

Thirty-eighth session

**Doha, Qatar
15 – 25 June 2014**

**Item 8 of the Provisional Agenda: Establishment of the World Heritage List
and of the List of World Heritage in Danger**

8E: Adoption of Retrospective Statements of Outstanding Universal Value

SUMMARY

This Document presents a Draft Decision concerning the adoption of 127 retrospective Statements of Outstanding Universal Value submitted by 50 States Parties for properties which had no Statement of Outstanding Universal Value approved at the time of their inscription on the World Heritage List.

The annex contains the full text of the retrospective Statements of Outstanding Universal Value concerned in the original language submitted.

Draft Decision: 38 COM 8E, see Point II.

I. BACKGROUND

1. The concept of Statement of Outstanding Universal Value as an essential requirement for the inscription of a property on the World Heritage List was introduced in the Operational Guidelines in 2005. All properties inscribed since 2007 present such a Statement.
2. In 2007, the World Heritage Committee in its Decision **31 COM 11D.1** requested that Statements of Outstanding Universal Value be drafted and approved retrospectively for all World Heritage properties inscribed between 1978 and 2006, prior to the launch of the Second Cycle of Periodic Reporting in each region.
3. As a consequence, in the framework of the Periodic Reporting exercise, States Parties are drafting retrospective Statements of Outstanding Universal Value for World Heritage properties located within their territories which are afterwards reviewed by the relevant Advisory Bodies.
4. 127 Statements for which the review process has been finalized since the 37th session of the World Heritage Committee (Phnom Penh, 2013) are presented for adoption to the World Heritage Committee in this document.
5. The retrospective Statements of Outstanding Universal Value contained in the Draft Decision and in the annex are presented in alphabetical order of the regions: Africa, Arab States, Asia and the Pacific, Europe and North America, Latin America and the Caribbean. The annex includes a table of contents for ease of reference.
6. Further to Decision **37 COM 8E**, the World Heritage Centre continues the harmonisation of all sub-headings in the Statements to "Brief synthesis", "Criteria", "Integrity", "Authenticity" and "Protection and management requirements" and updates the statements, further to subsequent decisions taken by the World Heritage Committee concerning changes of names of the World Heritage properties.
7. It is to be noted also that a number of adopted Statements include references to the size of the World Heritage properties and respective buffer zones. It is recommended that the Centre updates the Statements accordingly, in case the size of the property or its buffer zone have been modified through the appropriate procedure for a Minor Boundary Modification.
8. The 127 draft retrospective Statements of Outstanding Universal Value are presented in the original language. They will be translated into the other official language and uploaded progressively subject to availability of funds.

II. DRAFT DECISION

Draft Decision: 38 COM 8E

The World Heritage Committee,

1. *Having examined Document WHC-14/38.COM/8E,*
2. *Congratulates the States Parties for the excellent work accomplished in the elaboration of retrospective Statements of Outstanding Universal Value for World Heritage properties in their territories;*

3. Adopts the retrospective Statements of Outstanding Universal Value, as presented in the Annex of Document WHC-14/38.COM/8E, for the following World Heritage properties:

ASIA AND THE PACIFIC:

- China: Wulingyuan Scenic and Historic Interest Area;
- Japan: Gusuku Sites and Related Properties of the Kingdom of Ryukyu; Historic Monuments of Ancient Nara; Historic Villages of Shirakawa-go and Gokayama; The Hiroshima Peace Memorial (Genbaku Dome);
- Sri Lanka: Sinharaja Forest;
- Vietnam: Hoi An Ancient Town; Complex of Huế Monuments;

EUROPE AND NORTH AMERICA:

- Albania: Butrint;
- Armenia: Monastery of Geghard and the Upper Azat Valley;
- Austria: Semmering Railway; Wachau Cultural Landscape;
- Azerbaijan: Walled City of Baku with the Shirvanshah's Palace and Maiden Tower;
- Belarus / Estonia / Finland / Latvia / Lithuania / Moldova / Norway / Russian Federation / Sweden / Ukraine: Struve Geodetic Arc;
- Belgium: Major Town Houses of the Architect Victor Horta (Brussels); Neolithic Flint Mines at Spiennes (Mons); Notre-Dame Cathedral in Tournai; Plantin-Moretus House-Workshops-Museum Complex;
- Bosnia and Herzegovina: Old Bridge Area of the Old City of Mostar;
- Cyprus: Paphos;
- Denmark: Ilulissat Icefjord;
- Finland: Bronze Age Burial Site of Sammallahdenmäki; Fortress of Suomenlinna; Old Rauma; Petäjävesi Old Church; Verla Groundwood and Board Mill;
- Georgia: Historical Monuments of Mtskheta; Upper Svaneti;
- Germany / Poland: Muskauer Park / Park Mużakowski;
- Germany: Abbey and Altenmünster of Lorsch; Bauhaus and its Sites in Weimar and Dessau; Castles of Augustusburg and Falkenlust at Brühl; Collegiate Church, Castle and Old Town of Quedlinburg; Garden Kingdom of Dessau-Wörlitz; Luther Memorials in Eisleben and Wittenberg; Monastic Island of Reichenau; Palaces and Parks of Potsdam and Berlin; Pilgrimage Church of Wies; St Mary's Cathedral and St Michael's Church at Hildesheim; Völklingen Ironworks; Wartburg Castle; Würzburg Residence with the Court Gardens and Residence Square; Zollverein Coal Mine Industrial Complex in Essen;
- Holy See / Italy: Historic Centre of Rome, the Properties of the Holy See in that City Enjoying Extraterritorial Rights and San Paolo Fuori le Mura;
- Holy See: Vatican City;
- Iceland: Þingvellir National Park;
- Italy: Botanical Garden (Orto Botanico), Padua; Ferrara, City of the Renaissance, and its Po Delta; Historic Centre of Florence; Historic Centre of Naples;
- Lithuania / Russian Federation: Curonian Spit;
- Lithuania: Kernavė Archaeological Site (Cultural Reserve of Kernavė);
- Malta: City of Valletta; Hal Saflieni Hypogeum; Megalithic Temples of Malta;
- Mongolia / Russian Federation:Uvs Nuur Basin;

- *Montenegro: Natural and Culturo-Historical Region of Kotor;*
- *Netherlands: Historic Area of Willemstad, Inner City and Harbour, Curaçao;*
- *Norway: Vegaøyan -- The Vega Archipelago; West Norwegian Fjords – Geirangerfjord and Nærøfjord;*
- *Poland: Centennial Hall in Wrocław; Historic Centre of Warsaw;*
- *Portugal: Historic Centre of Évora; Landscape of the Pico Island Vineyard Culture; Monastery of Alcobaça; Monastery of the Hieronymites and Tower of Belém in Lisbon;*
- *Russian Federation: Church of the Ascension, Kolomenskoye; Historical Centre of the City of Yaroslavl; Kizhi Pogost;*
- *Slovakia: Bardejov Town Conservation Reserve; Vlkolínec;*
- *Slovenia: Škocjan Caves;*
- *Spain: Archaeological Ensemble of Mérida; Burgos Cathedral; Historic Centre of Cordoba; Monastery and Site of the Escorial, Madrid; Monuments of Oviedo and the Kingdom of the Asturias; Mudéjar Architecture of Aragon; Old City of Salamanca; Old Town of Ávila with its Extra-Muros Churches; Old Town of Cáceres; Old Town of Segovia and its Aqueduct; Poblet Monastery; Route of Santiago de Compostela; Royal Monastery of Santa María de Guadalupe; San Cristóbal de La Laguna; Santiago de Compostela (Old Town); Works of Antoni Gaudí;*
- *Turkey: Archaeological Site of Troy; City of Safranbolu; Hattusha: the Hittite Capital; Xanthos-Letoon;*
- *Ukraine: Kiev: Saint-Sophia Cathedral and Related Monastic Buildings, Kiev-Pechersk Lavra;*
- *United Kingdom: Gough and Inaccessible Islands; Henderson Island; Historic Town of St George and Related Fortifications, Bermuda;*
- *United States of America: Cahokia Mounds State Historic Site; Chaco Culture; Independence Hall; Mesa Verde National Park; Monticello and the University of Virginia in Charlottesville; Statue of Liberty;*

LATIN AMERICA AND THE CARRIBBEANS:

- *Argentina: Ischigualasto / Talampaya Natural Parks; Los Glaciares; Península Valdés;*
- *Belize: Belize Barrier Reef Reserve System;*
- *Bolivia: City of Potosí;*
- *Brazil: Brasília; Historic Centre of Salvador de Bahia; Historic Centre of São Luís; Historic Centre of the Town of Diamantina; Historic Centre of the Town of Goiás; Historic Centre of the Town of Olinda; Historic Town of Ouro Preto; Sanctuary of Bom Jesus do Congonhas;*
- *Colombia: Los Katíos National Park;*
- *Costa Rica / Panama: Talamanca Range-La Amistad Reserves / La Amistad National Park ;*
- *Cuba: Archaeological Landscape of the First Coffee Plantations in the South-East of Cuba; San Pedro de la Roca Castle, Santiago de Cuba; Urban Historic Centre of Cienfuegos; Viñales Valley;*
- *Dominican Republic: Colonial City of Santo Domingo;*
- *Guatemala: Tikal National Park;*
- *Panama: Coiba National Park and its Special Zone of Marine Protection; Fortifications on the Caribbean Side, Portobelo and San Lorenzo;*
- *Suriname: Central Suriname Nature Reserve; Historic Inner City of Paramaribo;*

4. Decides that retrospective Statements of Outstanding Universal Value for World Heritage properties in Danger will be reviewed by the Advisory Bodies in priority;
5. Further decides that, considering the high number of retrospective Statements of Outstanding Universal Value to be examined, the order in which they will be reviewed by the Advisory Bodies will follow the Second Cycle of Periodic Reporting, namely:
 - World Heritage properties in the Arab States;
 - World Heritage properties in Africa;
 - World Heritage properties in Asia and the Pacific;
 - World Heritage properties in Latin America and the Caribbean;
 - World Heritage properties in Europe and North America;
6. Takes note that the World Heritage Centre is in the process of harmonising all sub-headings in the adopted Statements of Outstanding Universal Value and, as appropriate, reflects name changes of World Heritage properties throughout the text of the Statements as requested by the Committee at its 37th session, and requests the World Heritage Centre to also update the size of the property and/or its buffer zone, as appropriate, following subsequent Decisions of the World Heritage Committee concerning Minor Boundary Modifications.
7. Requests the States Parties to provide support to the World Heritage Centre for translation of the adopted Statements of Outstanding Universal Value into English or French respectively, and finally requests the Centre to upload the two language versions on its website.

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Retrospective Statements of Outstanding Universal Value/ Déclarations rétrospectives de valeur universelle exceptionnelle

A. NATURAL PROPERTIES/BIENS NATURELS

A.1 ASIA AND THE PACIFIC/ASIE ET PACIFIQUE

State Party: Property	China: Wulingyuan Scenic and Historic Interest Area
Id. N°	640
Date of inscription	1992

Brief synthesis

Wulingyuan is an island of nature within a heavily populated agricultural region. A spectacular area stretching some 26,400 ha in China's Hunan Province, the site is dominated by more than 3,000 narrow quartz sandstone pillars, many over 200 m high. Nestled within its towering peaks lie ravines and gorges with streams, pools and waterfalls, two large natural bridges, and some 40 caves. Impressive calcite deposits are a notable feature within these caves. In addition to the striking beauty of the landscape including spectacular jagged stone peaks, luxuriant vegetation cover and clear lakes and streams, the region is also home to a number of endangered plant and animal species.

Criterion (vii): The huge number of sandstone columns and peaks—more than 3,000—is spectacular. These, coupled with other land forms (natural bridges, ravines, waterfalls, streams, pools and caves) and dense broadleaf forest, present an aesthetically beautiful landscape enhanced by the mists and clouds which frequently shroud the site. There are more than 40 caves and two huge natural stone bridges, one of which rises 357 m above the valley floor.

At time of evaluation it was also noted that with additional information there could also be justification for inscribing this property under criterion (x), as the site provides important habitat for a number of threatened plant and animal species such as dhole, Asiatic black bear and Chinese water deer.

Integrity

The property has within its boundaries all the necessary elements demonstrating the natural beauty for which it was inscribed, as well as a buffer zone. Integrity issues noted at time of inscription include human pressure from use of the reserve by people living in and around it, and the intense pressure from visitors. Numerous tourist facilities also have an aesthetic impact on the natural values of the property. However many measures have been and are still being undertaken to address these issues.

Protection and management requirements

Wulingyuan was approved and listed as a national key scenic area by the Chinese State Council in 1988, thus has a long history of protection under relevant national and provincial laws and regulations. In 1999, owing to the growing commercialization and loss of natural values, the local authorities declared the Decision of Protecting Wulingyuan World Natural Heritage Property, and began the demolition of houses in the scenic areas. The scenic area was expanded, settlement was reduced and ecological tourism was promoted. By the end of 2002, the adverse impacts on the aesthetic values of Wulingyuan scenic areas had been removed. In January 2001, the Hunan Provincial People's Congress Standing Committee implemented the Regulations on Protection of Wulingyuan World Natural Heritage Property, providing a stronger legal basis for protection. The property is managed by the Administrative Bureau of Wulingyuan Scenic and Historic Interest Area assisted by several other resource management agencies. The Office of Heritage Protection was established in 2000 as the operational agency for managing the property and subsequently the Zhangjiajie, Tianzishan, Suoxiyu and Yangjiajie Scenic Area Offices and Protection Stations were established. In total, there are approximately 500 management staff. Museums and visitor centres have been created for research, education and interpretation of the property's natural values.

In 2005, the Comprehensive Plan of Wulingyuan Scenic and Historic Interest Area was revised and Wulingyuan world natural heritage protection regulations were established to ensure the long-term protection and conservation of the property. The quartz sandstone peaks, columns, karst landscapes, gorges, species, vegetation, ecology, and all other elements that contribute to be aesthetic value of Wulingyuan need to be strictly maintained and monitored. The number, seasonal distribution and activities of visitors is scientifically controlled and adjusted so that a dynamic balance between world heritage, people and the economy is established. In order

to deal with the challenges of tourism development and environment protection, special organizations have been established which monitor all the elements contributing to the aesthetic value of the property cited above as well as the numbers of visitors and their impact, air quality, water quality, environmental quality, electronic radiation, and noise in order to fulfil both the requirements of international conventions and national laws and regulations.

State Party: Property	Sri Lanka: Sinharaja Forest reserve
Id. N°	405
Date of inscription	1988

Brief synthesis

Encompassing the last extensive patch of primary lowland rainforest in Sri Lanka, Sinharaja Forest Reserve is situated in the south-west lowland wet zone of Sri Lanka. Covering an area of 8,864 ha and ranging from an altitude of 300 – 1,170 meters, it consists of 6,092 ha of Forest Reserve and 2,772 ha of Proposed Forest Reserve. This narrow strip of undulating terrain encompasses a series of ridges and valleys that are crisscrossed by an intricate network of streams. Draining to both the south and north, this detailed matrix of waterways flow into the Gin River on the southern boundary of the property and Kalu River via the Napola Dola, Koskulana Ganga and Kudawa Ganga on its northern boundary. Annual rainfall over the last 60 years has ranged from 3614 - 5006 mm with most of the precipitation during the south-west monsoon (May-July) and the north-east monsoon (November- January).

Sri Lanka is home to 830 endemic species, of which 217 trees and woody climbers are found in the low land wet zone. Of these, 139 (64%) have been recorded in the reserve including 16 rare species. Faunal endemism is particularly high for birds with 19 (95%) of 20 species recorded in the property being endemic to Sri Lanka. Endemism among mammals and butterflies is also greater than 50%. A number of threatened, endangered and rare species occur within the reserve including: leopard (*Panthera pardus*), Indian elephant (*Elephas maximus*), endemic purple-faced Langur (*Presbytis senex*), Sri Lanka wood pigeon (*Columba torringtoni*), green-billed Coucal (*Centropus chlororrhynchus*), Sri Lanka white-headed starling (*Sturnus senex*), Sri Lanka blue magpie (*Cissa ornata*), ashy-headed babbler (*Garrulax cinereifrons*) and Sri Lanka broad-billed roller (*Eurystomus orientalis irisi*).

Criterion (ix): Sinharaja is the last remaining relatively undisturbed remnant of tropical humid evergreen forest in Sri Lanka. The property's flora is a relic of Gondwanaland and provides an important component to our scientific understanding of continental drift and an outstanding site for the study of the processes of biological evolution. A geological feature of considerable interest is the presence of the Sinharaja basic zone, with the reserve located within the transition zone of two important rock types characteristic of Sri Lanka; the south-western group and the highland group.

Criterion (x): Endemism within the property is extremely high. Protecting the last viable remnant of Sri Lanka's tropical lowland rainforest, Sinharaja is home to at least 139 endemic plant species within two main types of forest: remnants of Dipterocarpus in the valleys and on the lower slopes, and secondary forest and scrub where the original forest cover has been removed. Sixteen of the endemic plant species within the property are considered rare, including endemic palms *Loxococcus rupicola* and *Atalantia rotundifolia*.

Faunal endemism is also high, particularly for mammals, birds and butterflies, exceeding 50%. Nineteen (95%) of Sri Lanka's 20 endemic birds are present in the property, which is also home to leopard and Indian elephant, both of which are threatened species.

Integrity

Sinharaja Forest Reserve forms a sufficiently large conservation unit for the in-situ conservation of rare and endangered species while sustaining the on-going biological evolutionary processes for which it was inscribed. Surrounded by 13 other adjacent natural forest areas that provide an added layer of protection to the property the boundaries however, require further definition and demarcation.

Efforts are also being made by the management agency to further enhance the conservation status of the reserve through regulation of land uses occurring in the area surrounding the property, which hopes to further reduce the impact of intensive land use on the values of Sinharaja. Illicit timber felling, gemming and poaching continue to be of concern with regards to the impacts on the values and integrity of the property, but the high level of public support for nature conservation and the large number of government bodies involved in regulation and proposal approval, results in strong opposition to resource exploitation proposals.

Protection and management requirements

Noted as a national heritage wilderness area on October 21st 1988, the majority of the area within the property was originally declared a forest reserve on May 3rd 1875, providing a long history of protection. The property is

afforded the highest level of legal protection under the National Heritage and Wilderness Area Act of Sri Lanka and almost all the peripheral natural forests along the boundary have already been declared as conservation forests or reserved forests under the Forest Ordinance. The values encompassed by the property were further recognised when it was declared a Biosphere Reserve in April 1978 and subsequently inscribed on the World Heritage.

Sinharaja World Heritage property is managed directly by the Divisional Forest Officer from the Forest Department, under the authority of the Ministry of Lands and Land Development. A National Steering Committee coordinates the institutions for Sinharaja as a National Wilderness Area, Biosphere Reserve and World Heritage site. Management practices and research are executed in accordance with the prescriptions of the respective management plans, prepared for the Sinharaja Conservation Area as well as the property's peripheral natural forests, under the national forest policy directives. The management plans for the property, prepared in 1985/86 and 1992/94, emphasize conservation, scientific research, buffer zone management, benefit sharing, and community participation.

Sinharaja is provided with the highest level of legal protection under the National Heritage Wilderness Area Act and a high level of environmental awareness of the local community is extremely helpful in implementing management plan prescriptions. Forest dependency of local communities is very low and maintaining this healthy partnership with local communities is the main strategy to ensure future protection of this property. Historically protected as a result of its inaccessibility and steep, hilly terrain, the Forest Department prioritizes protection of the reserve over development pressures and resource extraction. Visitor numbers remain low with entry by permit only.

Threats to the values and integrity of the property primarily come from encroaching cultivation, particularly along the southern boundary. Development undertaken outside the property indirectly impacts the site through road developments which subsequently open up routes and entry points into the property, facilitating illegal logging and removal of resources, with illegal gem mining also posing a threat. The traditional use of forest products is now restricted to areas outside the boundaries.

Low staffing levels hinder the policing of offences and a lack of funding is a barrier to the effective, long-term management of the area. The management agency, the Sri Lankan Forestry Department has designated the management of Sinharaja a high priority, allocating funds according to the priorities spelled out in the management plan and on-going management programmes.

A.2 EUROPE AND NORTH AMERICA/EUROPE ET AMERIQUE DU NORD

State Party: Property	Denmark: Ilulissat Icefjord
Id. N°	1149
Date of inscription	2004

Brief synthesis

Located on the west coast of Greenland, 250 km north of the Arctic Circle, Greenland's Ilulissat Icefjord is a tidal fjord covered with floating brash and massive ice, as it is situated where the Sermeq Kujalleq glacier calves ice into the sea. In winter, the area is frozen solid. One of the few places where ice from the Greenland ice cap enters the sea, Sermeq Kujalleq is also one of the fastest moving (40 m per day) and most active glaciers in the world. Its annual calving of over 46 cubic kilometres of ice, i.e. 10% of all Greenland calf ice, is more than any other glacier outside Antarctica, and it is still actively eroding the fjord bed. The combination of a huge ice-sheet and the dramatic sounds of a fast-moving glacial ice-stream calving into a fjord full of icebergs make for a dramatic and awe-inspiring natural phenomenon.

The Greenland ice cap is the only remnant in the Northern Hemisphere of the continental ice sheets from the Quaternary Ice Age. The oldest ice is estimated to be 250,000 years old, and provides detailed information on past climatic changes and atmospheric conditions from 250,000 to around 11,550 years ago, when climate became more stable. Studies made over the last 250 years demonstrate that during the last ice age, the climate fluctuated between extremely cold and warmer periods, while today the ice cap is being maintained by an annual accumulation of snow that matches the loss through calving and melting at the margins. This phenomenon has helped to develop our understanding of climate change and icecap glaciology.

Criterion (vii): The combination of a huge ice sheet and a fast moving glacial ice-stream calving into a fjord covered by icebergs is a phenomenon only seen in Greenland and Antarctica. Ilulissat offers both scientists and visitors easy access for a close view of the calving glacier front as it cascades down from the ice sheet and into

the ice-choked fjord. The wild and highly scenic combination of rock, ice and sea, along with the dramatic sounds produced by the moving ice, combine to present a memorable natural spectacle.

Criterion (viii): The Ilulissat Icefjord is an outstanding example of a stage in the Earth's history: the last ice age of the Quaternary Period. The ice-stream is one of the fastest (40 m per day) and most active in the world. Its annual calving of over 46 km³ of ice accounts for 10% of the production of all Greenland calf ice, more than any other glacier outside Antarctica. The glacier has been the object of scientific attention for 250 years and, along with its relative ease of accessibility, has significantly added to the understanding of ice-cap glaciology, climate change and related geomorphic processes.

Integrity

The property is of sufficient size to adequately represent the geological process of the ice fjord, i.e. the fast-moving ice-stream, the relevant portion of the inland icecap, the glacial front and the fjord. The boundaries of the property are clearly defined in relation to the logical topographic criteria of the natural watershed, and the settlements of the nearby villages of Ilimanaq and Ilulissat are excluded from the property. Along with climatic limitations and the fact that no roads exist at the site, the area's physical features retain a high degree of natural integrity.

The property has effective legal protection and a sound planning framework, including the prohibition of any mining in the protected area. However, increased management will be required as pressures from tourism and resource harvesting continue to grow.

Protection and management requirements

The property is protected and conserved by an established framework of government legislation and protective designations and by local planning policies. The main legislative measure is the Greenland Parliament Act No. 29 of 18 December 2003 on nature protection. This act is the foundation framework for the protection of species, ecosystems and protected areas. Ilulissat itself is protected under the Greenland Home Rule Government Order No. 10 of 15 June 2007 on protection of Ilulissat Icefjord. The area bordering the property is further controlled by national regulations on waste disposal, use of snowmobiles, building constructions and landscape protection. Extensive hunting and fishing occurs in a portion of the property, and a special hunting law is enforced and monitored to ensure that the exploitation of biological resources in the area is sustainable. The property itself is managed cooperatively by a Board consisting of representatives from the Ministry of Environment and Nature and the Municipality of Ilulissat.

A comprehensive management plan has been developed and the property will benefit from a monitoring programme. Particular attention was paid to the rapidly increasing tourism in the area, and in particular pressures emanating from cruise ships visiting the site and helicopter traffic. Regulations concerning visits to the property by boat, foot, helicopter and dog sledge; the management of waste and waste disposal; building constructions; exploitation of biological resources in the area, and protection of the cultural heritage sites within the property have been put into place. Signage and visitor infrastructure have been upgraded, and a visitor centre in the town of Ilulissat is planned.

All land in the reserve is state-owned and no permanent settlements are allowed. Nearby construction is also strictly controlled. Visitor access to the area is limited by the wilderness character of the landscape, with no roads or human-made structures. Management issues such as crowding (from cruise tourism) and erosion are limited to a small area close to the town of Ilulissat. The protection of the property will be further enhanced when a planned buffer zone is adopted.

State Party: Property	Mongolia / Russian Federation: Uvs Nuur Basin
Id. N°	769rev
Date of inscription	2003

Brief synthesis

Shared by Mongolia and the Republic of Tuva in the Russian Federation, Uvs Nuur Basin is a transnational World Heritage property in the heart of Asia. The serial property comprises seven components in Mongolia and five in the Republic of Tuva, clustered around the shallow and highly saline Lake Uvs Nuur. Some components are contiguous with each other across the international border, while others are distinct units. Inscribed in 2003 on the World Heritage List, the total surface area is close to 898,064 ha, of which 87,830 ha belong to the cluster in the Russian Federation, with 810,234 ha belonging to the Mongolian cluster. The central Uvs Nuur Strictly Protected Area in Mongolia covers almost half of the surface area of the entire property. While no buffer zones are formally recognized during the inscription of the property for its components on the Mongolian side, five of the seven components within the Russian Federation have buffer zones, totalling 170,790 ha.

The ancient lake basin and its surroundings boast an extraordinary landscape diversity ranging from cold desert to desert-steppe and steppe, conifer, deciduous and floodplain forests to diverse wetlands and marshlands, freshwater and saltwater systems, mobile and fixed sand dunes and even tundra. The property includes peaks up to some 4000 m.a.s.l., towering high above Lake Uvs Nuur at around 800 m.a.s.l. The property contains remnant glaciers from Pleistocene ice sheets and numerous glacial lakes, and is of particular scientific significance for studying the evolution from the Ice Age to present-day conditions. Reflecting the landscape diversity, there is a rich species diversity which includes locally endemic plants and endangered species like the snow leopard. The entire basin has never been subjected to large-scale resource exploitation and has a longstanding and ongoing history of mobile pastoralism. The historical, cultural and spiritual importance of the landscape and many of its features are reflected in countless artefacts and archaeological sites and in the contemporary life, knowledge, resource use, songs and legends of local and indigenous communities.

Criterion (ix): The remote and enclosed salt lake system of Uvs Nuur with its high degree of naturalness is of international scientific importance due to its large-scale undisturbed climatic, hydrological and ecological processes and phenomena. Because of the relatively stable past and contemporary pastoral use of the grasslands and the absence of conversion or major human impacts over thousands of years, it constitutes a unique field site for a great variety of subjects, including research into the ongoing development of Uvs Nuur and other smaller lakes within the basin, and the still intact processes of long term lake salinisation and eutrophication. In addition to important past and current research efforts on both sides of the border and in recognition of its unique geophysical and biological characteristics, the Uvs Nuur Basin has also been selected as a field site for the International Geosphere-Biosphere Programme (IGBP), a global effort to monitor and understand global change.

Criterion (x): The serial property conserves the most valuable areas representing the much larger Uvs Nuur Basin, across an enormous range of ecosystems and habitats, including along a major altitudinal gradient. The diversity represents the major biomes of Central Asia with a corresponding floral and faunal diversity. There are important areas of different forest types and highly specialized vegetation in high altitudes, tundra systems and dry land ecosystems, including species and communities adapted to saline conditions. The more than 550 higher plants include relict species and a number of plants endemic to Mongolia and the Tuva Republic, with five species endemic to the lake basin. The various ecosystems support a rich faunal diversity, such as the argali sheep, Siberian ibex, Pallas's cat and the elusive and globally endangered snow leopard. The numerous rodents are of major ecological importance and include two vulnerable jerboa species and gerbil. The many ecological niches are occupied by an impressive density of breeding raptors. The property is also of major importance for waterfowl, as well as a stepping stone in the bird migration between Siberia and wintering ranges in China and South Asia.

Integrity

The Uvs Nuur Basin is a naturally diverse and simultaneously distinct landscape unit surrounded by several large and high mountain ranges. To the North, the basin transitions into the Tannu-Ola Range, to the East are the Sangilen and Bolnai Ranges; to the West the Tsagaan Shuvuut and Shapshaskee Ranges constitute natural boundaries, while the Turgan Uul and Hanhohee Ranges are adjacent to the South. All components and the zoning were selected considering biodiversity at all levels, connectivity and overall integrity. There are excellent opportunities to manage the basin at the landscape level across national boundaries of the property protected by the World Heritage Convention. However, it is important to understand the large scale of the basin, of which only a small part is protected and recognized as a World Heritage property. Mobile herders have been coexisting with the diverse flora and fauna in harsh environmental conditions for thousands of years without degrading the productivity, resilience and diversity of the basin. However, under changed and changing macroeconomic and political circumstances, there are concerns about poaching, illegal logging and overgrazing in certain areas of the basin, likely to affect the integrity of the property in the long term.

Protection and management requirements

The Uvs Nuur Basin transnational World Heritage property is formally protected public land in its entirety in both countries. All components are protected under the highest levels of the national law of both concerned countries, the Laws on Special Protected Areas (1994) and on Buffer Zones (1998) in the case of Mongolia and the Federal Law on Special Protected Areas (1995) in the Russian Federation. This includes the Mongolian Tes River component, the status of which was upgraded in response to the inscription decision by the World Heritage Committee. Much of the land of the contemporary protected areas overlaps with traditionally sacred mountains, lakes, rivers and other revered landscape features. The property is not only an excellent example of cooperation in the conservation of a shared ecosystem across an international boundary but also of cooperation between governmental, scientific and non-governmental institutions. Several bilateral agreements at the level of the responsible ministries and the protected area administrations formally underpin cooperation and joint management planning. Border Protection staff assists in the protection of the property on a permanent basis on both sides of the border. Environmental education and information activities further support the conservation of the property.

Building upon existing involvement of local and indigenous communities, it is envisaged to promote the World Heritage property as a model of integrated and sustainable conservation and development. One important entry point is the acknowledgement and revitalization of traditional conservation beliefs. Given the longstanding

interaction between livestock, wildlife and vegetation, mobile herding is an integral element of the contemporary ecosystem. However, herding is not sustainable per se, as overgrazing can result in erosion and reduced productivity of the grasslands at the expense of livestock, wildlife and people. As elsewhere in the region, there are signs of mounting pressure on pastures, forests and wildlife, as well as increasing occurrence of fires. The main challenge for the future of the property and the wider Uvs Nuur Basin will be to maintain the balance between use and conservation at the landscape level, including but not limited to the twelve components of the property. The control of illegal activities in the property, such as poaching and illegal logging, requires adequate equipment, staffing, and funding of law enforcement, as well as transboundary cooperation on a permanent basis. Research has an important role to play in terms of better understanding the ecology and cultural heritage of the basin in order to accompany conservation and management.

State Party: Property	Norway: West Norwegian Fjords – Geirangerfjord and Nærøyfjord
Id. N°	1195
Date of inscription	2005

Brief synthesis

The starkly dramatic landscapes of Geirangerfjord and Nærøyfjord are exceptional in scale and grandeur in a country of spectacular fjords. Situated in south-western Norway, these fjords are among the world's longest and deepest, and vary in breadth from just 250 m to 2.5 km wide. Fjord, a word of Norwegian origin, refers to a long, deep inlet of the sea between high cliffs formed by submergence of a glaciated valley. These two West Norwegian fjords are considered to be classic and complementary examples of this phenomenon, a sort of type locality for fjords that still display active geological processes.

Numerous waterfalls and free-flowing rivers, deciduous and coniferous woodlands and forests, glacial lakes, glaciers, rugged mountains and a range of other natural attributes combine towards making Geirangerfjord and Nærøyfjord among the most scenically outstanding landscapes in the world. A serial property covering an area of 122,712 ha, of which 10,746 ha is sea, these two fjords are separated from each other by a distance of 120 km. They form part of the West Norwegian fjord landscape, which stretches 500 km from Stavanger in the south to Åndalsnes in the north-east. Several inhabited villages and valleys are found along the fjords and inside the boundaries, and the landscape is supplemented (although not dominated) by remnants of its human historical past, which adds further interest and value to the property.

Criterion (vii): The Geirangerfjord and Nærøyfjord areas are considered to be among the most scenically outstanding fjord areas on the planet. Their outstanding natural beauty is derived from their narrow and steep-sided crystalline rock walls that rise up to 1400 m direct from the Norwegian Sea and extend 500 m below sea level. Along the sheer walls of the fjords are numerous waterfalls while free-flowing rivers run through deciduous and coniferous forest to glacial lakes, glaciers and rugged mountains. There is a great range of supporting natural phenomena, both terrestrial and marine such as submarine moraines and marine mammals. Remnants of old and now mostly abandoned transhumant farms add a cultural aspect to the dramatic natural landscape that complements and adds human interest to the area.

Criterion (viii): The West Norwegian Fjords are classic, superbly developed fjords, considered as the type locality for fjord landscapes in the world. They are comparable in scale and quality to other existing fjords on the World Heritage List and are distinguished by the climate and geological setting. The property displays a full range of the inner segments of two of the world's longest and deepest fjords, and provides well-developed examples of young, active glaciation during the Pleistocene ice age. The ice- and wave-polished surfaces of the steep fjord sides provide superbly exposed and continuous three-dimensional sections through the bedrock. The record of the postglacial isostatic rebound of the crust and its geomorphic expression in the fjord landscape are significant, and represent key areas for the scientific study of slope instability and the resulting geohazards.

Integrity

The two fjord areas include all features that typically characterise a fjord landscape and its geological evolution. These include deep rock basins reaching depths far below sea level, prominent rock thresholds, high and steep cliffs, slide scars and avalanche deposits, moraines, till deposits, hanging valleys, so-called fish-hook or agnor valleys (formed by river capture), glaciers, rivers, waterfalls and surrounding mountain and catchment areas. Each fjord has a different morphology and geology and displays a different range of geomorphological features. Taken together, the Nærøyfjord and Geirangerfjord areas provide most of the features in their natural relationship that could be expected of a fjord landscape and its geological evolution. The boundaries of the serial property are appropriately defined to protect the geological features and the areas required to maintain the scenic qualities of the property. Legislation, staffing, budget and institutional structures in place are adequate to ensure its integrity.

Of the 200 fjords along the west coast of Norway, Nærøfjord and Geirangerfjord are the least affected by human activity such as hydroelectric dams and infrastructure. Peridotite is currently quarried outside, but close to the Geirangerfjord component of the property and plans exist for another quarry nearby. These impacts are localized, and restoration will take place when extraction ceases. Underground extraction of anorthosite takes place in the Nærøfjord area, and this may expand in the future. Though not directly adjacent to the fjord itself, the plant has a visual impact from the road in the Nærøydalen valley.

Protection and management requirements

The majority of the property is protected as an IUCN Category V "Protected Landscape" and several small areas within this are Category I "Strict Nature Reserve". The legislative regulations embodied in the Norwegian Nature Diversity Act provide long-term protection for the full range of natural values. While private lands make up 85% of the property, inhabited parts are carefully controlled under the Planning and Building Act and mechanisms such as County, Municipal and Local Development Plans.

An effective management system includes advisory committees and a management council that meets regularly to facilitate the necessary management cooperation and co-ordination. A "Declaration of Intent" signed by all the relevant national agencies and the Borough Councils, County Councils and County Governors outlines the cooperative measures and "guarantees that the values in the area will endure."

A comprehensive management plan addresses management objectives and includes guidelines for activities to preserve the Outstanding Universal Value in a long-term perspective. The existing monitoring system needs to be further developed.

Tourism pressures are intense in both fjords, but impacts are limited as most visitors access the property on cruise ships during a short visitor season. Adequate tourism management plans are an important tool for the long-term conservation of the property's Outstanding Universal Value.

Mining and underground quarrying is a concern, and any expansion of these activities will not be permitted without an environmental impact assessment. This would ensure that any potential impact, including the export of the mined material and the need for related infrastructure, would not affect the property's Outstanding Universal Value.

Geohazards are a concern for inhabited areas and existing infrastructure within the property. If more measures to protect people's lives are to be implemented, detailed environmental impact assessments will need to be performed to ensure solutions and measures that will be compatible with the property's Outstanding Universal Value. Risk-preparedness plans integrated in the overall management plan are essential for this property.

State Party: Property	Slovenia: Škocjan Caves
Id. N°	390
Date of inscription	1986

Brief synthesis

Škocjan Caves Regional Park is situated in the Kras Plateau of South-West Slovenia. The protected area of 413 ha conserves an exceptional limestone cave system which comprises one of the world's largest known underground river canyons, that was cut into the limestone bedrock by the Reka River. Along its course, the river suddenly disappears into the karst underground, before passing through a vast and picturesque channel of up to 150 meters in height and more than 120 meters in width, often in the form of dramatically roaring rapids and waterfalls. The canyon's most spectacular physical expression is the enormous Martel Chamber, which exceeds two million cubic meters in volume. Like the canyon, the vast underground halls and chambers of the cave system expose stunning variations of limestone bedrock and secondary cave formations. It is no coincidence that karst research has its origin in this very part of Slovenia, which is scientifically referred to as "Classical Karst". The term "karst" itself is derived from the name of the plateau, and is one of many technical terms commonly used in geology and speleology that have their origin in the region. Beyond its almost supernatural visual appeal, its scale and scientific importance, the regional park is also home to noteworthy species and species assemblages, which thrive in the distinct world of the underground environment and in the so-called collapsed dolines, a form of karst sinkholes. The caves support many endemic and endangered species, including the Cave Salamander along with many invertebrates and crustaceans. The very particular environmental conditions of the collapsed dolines provide a habitat for rare and threatened flora and fauna. Furthermore, ongoing archaeological studies have been revealing ever more details of a very long history of human occupation since prehistoric times. There is strong evidence that our ancestors appreciated the area as a place for settlements. Archaeological research has also disclosed that the area was historically used as a burial ground as well as for rituals.

Criterion (vii): The Škocjan cave system and its surroundings are eminent and well-conserved manifestations of Karst topography. It reveals a broad range of karst features with its exceptional scale and aesthetic quality. Some outstanding landscape highlights include the vast, roughly two-kilometre long underground canyon, up to some 150 metres high and in places more than 120 metres wide. An underground torrent runs through it along series of cascades, turning it into a major visual and auditory spectacle. Higher up in the drier ceilings and walls of the canyon, limestone deposition from dripping water has been shaping astonishing stalagmites and stalactites, such as the so-called Giants in Velika Dvorana (or "Great Chamber"). The magnificent rimstone pools in Dvorana Ponvic (or "Chamber of Rimstone Pools") are equally impressive manifestations of calcite deposits. The famous pools have been attracting scientists and artists ever since their formal discovery in 1888, and their representations came to epitomize the otherworldly beauty of the Škocjan Caves. The main channel of the celebrated underground river resurfaces in two picturesque collapsed dolines named Velika and Mala. The breath-taking view of these two collapsed dolines is depicted in the drawings of the pioneering explorer Valvasor that date back as early as 1689, and has never ceased to fascinate visitors, artists and scientists.

Criterion (viii): The Škocjan Caves and their surroundings are the major localities for karst topography and are the place where fundamental terms such as "karst" and "doline", have their origin. This is not only a strong indication of the property's importance for science, but more specifically of its importance for the history of earth sciences. An impressive array of exceptional karst manifestations, the result of past and present geological, geomorphological, speleological and hydrological processes, are clearly at display for scientists and visitors alike within a relatively small area. The heart of the site, the main cave system with the underground stretches of the Reka River, has been formed in a thick layer of cretaceous limestone. The constantly dynamic system is an outstanding textbook example of contact Karst with well-developed features, such as a blind valley, collapsed dolines, openings, chasms and caves. Remarkably, this geological diversity supports an equally fascinating biological diversity which has important implications for land and water management.

Integrity

Compared to many other protected areas of global significance, Škocjan Caves Regional Park is neither large nor does it enjoy a particularly strict protection status. Set in a rural landscape with permanent human presence since time immemorial, the Škocjan Caves are an encouraging example of how exceptional nature conservation values and longstanding and ongoing human presence are not necessarily mutually exclusive. The boundaries of the regional park and the World Heritage property, respectively encompass the most striking features of the karst topography, and therefore strongly contribute to the conservation of these key natural values. The landscape and parts of the cave system have been subject to some construction and other forms of human intervention. Major construction took place after the discovery of the caves in order to facilitate research and public visitation, in the more easily accessible areas. Infrastructure includes walkways, bridges and electric lighting. Through restrictions, careful design and use of materials, major damage to the overall integrity could be and is being prevented. The World Heritage property is surrounded by the Karst Biosphere Reserve, of which Škocjan Caves Regional Park is the core zone. The buffer of the Karst Biosphere Reserve increases the options and chances to maintain the integrity of the broader landscape of which the property is visually, geologically and ecologically, a small, but integral part.

Protection and management requirements

Discovered in 1815, the protected area in its current extension was only established in 1990, following earlier designation of roughly half the area as a Natural Monument. In an explicit effort to study and manage the outstanding geological and biological diversity, the paleontological and archaeological heritage, as well as the ethnological and architectural characteristics of the cultural landscape in an integrated manner, the Škocjan Caves Regional Park (Zakon o Regijskem parku Škocjanske jame) was published in the 1996 gazette. The caves are publicly owned, whereas the surface land is divided into public and private parcels. The public management authority became operational one year later, eventually introducing management planning. In 1999, large parts of the site also became a Wetland of International Importance under the Ramsar Convention, in recognition of the outstanding value of these underground wetlands. A much larger landscape unit was designated as the Karst Biosphere Reserve under UNESCO's Man and the Biosphere (MAB) Programme in 2004. Three Sites of Community Importance under the European Union's Natura 2000 overlap with most of Škocjan Caves Regional Park.

Three small villages, Škocjan, Betanja and Matavun, are located within the regional park, implying valuable local knowledge and a need to fully involve local residents in the management and benefit-sharing of the property. Other basic management needs encompass communication and public awareness activities. Scientific research in many fields, including geology, is an essential part of the conservation approach whilst also providing information for site management. Tourism and recreational activities require careful planning, control and impact monitoring in light of the limited overall size of the protected area, the localized concentration of access and the fragility of some of its attractions. As is common in protected area management, threats do not all stem from within the regional park, thus suggesting the need to take into account the broader landscape. The Reka River epitomizes this permanent challenge. Its water quality has been varying as a result of industrial pollution, sewage and agricultural waste among other external factors, strongly impacting on aquatic life. Likewise, past debates about possible impacts of proposed wind turbines on the nearby Vremščica Plateau serve as a reminder that

conservation management is required to respond to inevitable change, to defend its position and to help balance competing demands.

State Party: Property	United Kingdom of Great Britain and Northern Ireland: Gough and Inaccessible Islands
Id. N°	740bis
Date of inscription	1995

Brief synthesis

Gough and Inaccessible Islands are two extraordinary uninhabited oceanic islands that have remained relatively undisturbed, and are therefore of special conservation significance. Gough Island is one of the largest cool-temperate oceanic islands in the world that remains close to pristine, having been spared most introductions of invasive species that have decimated unique island biodiversity elsewhere. While Inaccessible Island is smaller, it is of no lesser significance, housing a number of species endemic to this tiny speck in the South Atlantic Ocean.

The spectacular cliffs of each island, towering above the ocean, host some of the most important seabird colonies in the world. These include albatrosses, petrels, and penguins, reliant on the rich marine life surrounding them. Gough Island is home to two endemic species of land birds as well as twelve endemic plant species. Inaccessible Island also boasts three endemic subspecies and one endemic species of land bird – the Inaccessible Rail, which is the smallest flightless bird in the world –, and some eight endemic plant species. This island is also the only place where the Spectacled Petrel breeds, while the Atlantic Petrel and the Tristan Albatross are almost entirely restricted to breeding on Gough. The islands' undisturbed nature makes them particularly valuable for biological research.

Criterion (vii): Two eroded remnants of long-extinct volcanos, Gough and Inaccessible Islands display outstanding natural beauty. Their precipitous cliffs around much of the coastline, covered with breeding seabirds, are highly spectacular.

Criterion (x): Gough and Inaccessible Island represent two of the least disturbed cool-temperate island ecosystems in the South Atlantic Ocean, and are internationally important for their colonies of some 22 species of seabirds, several of which only breed here. They also support a number of endemic species and subspecies of land birds, including the Gough Moorhen (a flightless rail) and the Gough Bunting, both endemic to Gough, and the Inaccessible Rail, the smallest flightless bird in the world, endemic to Inaccessible Island. This island forms part of the Tristan Endemic Bird Area, and Gough has been designated as its own Endemic Bird Area by BirdLife International. Key seabird species include the Atlantic Petrel, Spectacled Petrel, Tristan Albatross, Sooty Albatross, the subspecies of Yellow-nosed Albatross, and the Northern Rockhopper Penguin. The islands also support some 40 plant species (including vascular plants, bryophytes and lichens), which are endemic to the Tristan da Cunha island group, including a number of which are endemic to Gough and/or Inaccessible Islands.

Integrity

Gough and Inaccessible Islands are one of the most pristine environments left on earth. These remote South Atlantic islands, surrounded by protected marine areas of 12 nautical miles, are home to unique assemblages of plants and animals effectively isolated from the rest of the world by 2,000 nm of open ocean and some of the world's fiercest weather.

Inaccessible Island is one of the few oceanic islands with no introduced mammals, whereas Gough has introduced House Mice, significant predators of seabird chicks, and will, if uncontrolled, gradually reduce the biological value of the site. *Sagina procumbens*, an aggressive alien plant accidentally introduced during the 1990s, and a few other introduced plant species such as New Zealand Flax, could also degrade the integrity of the property if current control measures prove inadequate. However, the virtually undisturbed condition of Gough and Inaccessible Islands makes them particularly valuable for conservation and biological research. The islands are strictly managed as a Wildlife Reserve, IUCN Protected Area category 1, with research and weather monitoring the only activities permitted.

Protection and management requirements

Tristan da Cunha (including Gough and Inaccessible Islands) is a United Kingdom Overseas Territory forming part of the UK Overseas Territory of St Helena, Ascension, and Tristan da Cunha, and is administered by a UK-appointed representative, with support from an elected Island Council. The management authority is the Tristan Conservation Department, which employs permanent staff members supported by casual workers and the Tristan "Darwin team". The Tristan da Cunha Environment Charter outlines the environmental management commitments of the UK Government and the Government of Tristan da Cunha, and serves as a framework policy to guide the development of management policies and plans.

The Conservation of Native Organisms and Natural Habitats (Tristan da Cunha) Ordinance 2006 gives statutory force to the general protection of the property, which is classified as a Nature Reserve. This provides strict protection to all native organisms and makes it an offence to transport any native organisms between islands or to introduce any non-native organisms. In parallel to this, the Tristan da Cunha Fisheries Limits Ordinance 1983 provides for the control of commercial fishing activity within the Tristan da Cunha exclusive economic zone, up to 200 nm offshore from the islands.

The Gough and Inaccessible Islands World Heritage Site Management Plan focuses on identifying priority actions for the conservation of the property over a five year period, and does not supersede the two existing Management Plans for Gough and Inaccessible Islands. The Tristan da Cunha government has also developed a Biodiversity Action Plan that relates closely to the World Heritage Site Management Plan but covers the entire island group and its seas. A detailed operating/conduct code developed by the Tristan Government provides guidelines on best practice to be observed by visitors and managers of the two islands. Separate zoning strategies for Gough and Inaccessible Islands have been developed. On Gough, there are Logistic, Marine, Scientific research, and Conservation zones; on Inaccessible there are Accommodation, Natural, Wilderness, and Marine zones. Within these various areas, defined in detail in the respective Management Plans, certain activities are constrained or allowed. A single zoning strategy is needed covering the whole World Heritage property, including the marine area.

The UK is a State Party to the Ramsar and Bonn Conventions; the UN Convention on Biological Diversity; and the Agreement on the Conservation of Albatrosses and Petrels (ACAP). These conventions provide international obligations for the conservation of albatrosses and petrels, including the protection of important habitats and species. By agreement with the Tristan da Cunha government, these international conventions have been extended to cover Tristan da Cunha, and therefore the Tristan Government is obliged to fulfil their requirements locally.

In common with many island ecosystems around the world, alien invasive species are the most important immediate threat to the ecology of Gough and Inaccessible Islands. House Mice were introduced to Gough Island in the 19th century, and are known to have adverse impacts on both terrestrial and marine birds on Gough. In partnership with the Royal Society for the Protection of Birds, a mouse eradication programme as well as programmes to control or eliminate invasive plant species including *Sagina procumbens* and New Zealand Flax are underway. Protocols are in place to ensure that no new introductions occur.

State Party: Property	United Kingdom of Great Britain and Northern Ireland: Henderson Island
Id. N°	487
Date of inscription	1988

Brief synthesis

Henderson Island is a remote and uninhabited elevated coral atoll located in the eastern South Pacific. It is the largest of the four islands of the Pitcairn Island group of which only Pitcairn, lying 200 km to its southwest, is inhabited. Covering some 3,700 ha but unsuitable for agriculture and with little fresh water, the island has no major land mass within a 5,000 km radius.

This gem in the middle of the Pacific is one of the world's best remaining examples of an elevated coral atoll ecosystem. It exhibits remarkable biological diversity given the island's size, with four endemic species of land birds, ten taxa of endemic vascular plants and large breeding seabird colonies. It is of Outstanding Universal Value due to the comparatively low level of disturbance which provides a key for baseline information on similar atolls, and its isolation makes it ideal for studying the dynamics of island evolution and natural selection.

Criterion (vii): As one of the last near-pristine limestone islands of significant size in the world, Henderson Island retains its exceptional natural beauty with its white, sandy beaches, limestone cliffs, and rich and almost undisturbed vegetation. With its vast numbers of breeding seabirds, the island is an outstanding example of a raised and forested oceanic coral atoll with its fundamental features intact.

Criterion (x): While isolated coral atolls are typically species-poor, all four of Henderson's land birds are endemic including the very distinct flightless Henderson Crane. At least four other endemic and one native species of bird are believed to have become extinct following human colonization. The island today is the only known breeding site of the endangered Henderson Petrel and is an important breeding area for at least ten other seabird species. While the flora is also typically poor with some 57 native vascular species recorded, these include six endemic species, three endemic varieties and another species endemic to Henderson and Pitcairn. As the island has never been intensively studied it seems likely that other as yet unidentified endemics occur. For example, the island's invertebrate fauna is little known but about one-third of the insects and gastropods so far collected are endemic.

Integrity

Henderson was colonised by Polynesians between the 12th and 15th centuries, but since then the island has remained uninhabited. The inhospitable nature of the island, together with its remoteness and inaccessibility, has so far effectively ensured its conservation. As a near-pristine island ecosystem, it is of immense value for science.

The conditions for integrity are largely met except the need for strengthening the legal status and the implementation of the management plan. Invasive alien species pose the greatest threat to the property. Polynesian Rats, introduced some centuries ago, have been shown to deplete native bird populations. The challenge of preventing new introductions, especially as the island is unguarded and tourists and fishermen regularly land on the island, are one of the greatest threats to the continued integrity of the property. Marine pollution with large amounts of plastic debris washed up on the beaches also detracts from the outstanding beauty of the property.

Protection and management requirements

Henderson Island is Crown Land within the Pitcairn Islands group, an Overseas Territory of the United Kingdom. It is subject to the Lands Court Ordinance (Revised Edition of the Laws 2001), Part VII of which gives to the Governor responsibility for possession, occupation, and transference of the lands of the islands. The Wellington-based British High Commissioner to New Zealand holds the office of Governor of Pitcairn.

While the Governor holds most formal powers, much day-to-day administration of the islands' affairs is devolved to a Commissioner based at the Pitcairn Islands Administration office in Auckland. The Island Council, comprising a Mayor, Secretary, the Chairman of the Internal Affairs Committee, four elected officials, and two appointed advisers, is responsible for the local government and administration of internal affairs within the Pitcairn Islands, including decisions on when to visit any of the other islands in the Pitcairn group. There is also a Conservation and Quarantine Officer whose remit includes Henderson Island. Access to Henderson requires a licence issued by the Governor (through the Pitcairn Island Administration office) in consultation with the Island Council. The local population on Pitcairn includes some 58 inhabitants, making pressure on Henderson Island, located 200 km to its northeast, low. However, visitors from yachts and fishing vessels may arrive to Henderson before arriving at Pitcairn and not know that access is by permit only.

The Henderson Island Management Plan outlines a number of management goals with the principle of working with the Pitcairn Islanders to ensure on-site protection, and to review the legal status of the island with consideration for upgrading it to a Nature Reserve. Specific goals are to ensure that the biological, geological, and archaeological values are conserved, and that stocks of two timber species (*Miro Thespesia populnea* and *Tou Cordia subcordata*, both introduced species) are adequate to meet the needs of Pitcairners on a sustainable basis. An ambitious Polynesian Rat eradication programme has been initiated, and measures are being put into place to ensure that no new introductions of alien invasive species occur through regulated tourism. An awareness programme, involving education and research, forms part of this plan.

A number of international conventions relevant to nature conservation and environmental protection have been extended to the Pitcairn Islands. In short, these include the Ramsar Convention on Wetlands; the CITES Convention on Endangered Species in International Trade; the World Heritage Convention; the Bonn Convention on Migratory Species; the Vienna Convention on Substances that Deplete the Ozone Layer; the Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter; and the Convention for the Protection of the Environment of the South Pacific Region (SPREP).

A3 LATIN AMERICA AND THE CARIBBEAN/AMERIQUE LATINE ET CARAÏBES

State Party: Property	Argentina: Ischigualasto / Talampaya Natural Parks
Id. N°	966
Date of inscription	2000

Brief synthesis

Ischigualasto-Talampaya Natural Parks is located in the northern part of central Argentina comprised of two adjoining protected areas. These are Ischigualasto Provincial Park (60,369 hectares) in San Juan Province and Talampaya National Park (215,000 hectares) in Rioja Province, jointly covering 275,369 hectares west of the Sierras Pampeanas. The property is situated within Argentina's Monte ecoregion, a warm scrub desert along the Eastern Andean foothills. Against the backdrop of an attractive mountain landscape the property is a scientific treasure of global importance. It harbours the sedimentary Ischigualasto-Villa Union Triassic Basin, consisting of continental sediments deposited during the entire Triassic Period. This Basin boasts an exceptionally complete record and sequence of plant and animal life in the geological period from roughly 250 to 200 million years ago.

which represents the origin of both dinosaurs and mammals. Six distinct sedimentary formations contain the fossilised remains of a wide range of ancestral animals and plants revealing the evolution of vertebrates and detailed information on palaeoenvironments over the approximately 50 million years of the Triassic Period, and the dawn of the "Age of the Dinosaurs". The ongoing scientific discoveries are invaluable for understanding palaeontology and evolutionary biology.

The property is located in an arid region in the rain shadow of the Andes. Further to the significance for research the property has important archaeological values, such as 1500 year-old petroglyphs. Exceptional landscape features include red sandstone cliffs reaching 200 metres in height in Talampaya National Park and, in Ischigualasto Provincial Park, white and multi-coloured sediments creating a stark landscape named "Valle de la Luna" or "Valley of the Moon". The site has sparse desert vegetation, characterised by xeric shrubs and cactus, with interspersed trees. The desert environment contains several rare and endemic species of flora and fauna.

Criterion (viii): The property of Ischigualasto-Talampaya Natural Parks is of extraordinary scientific importance, providing a complete sequence of fossiliferous continental sediments representing the Triassic Period of geological history (c.250-200 million years before present), and revealing the evolution of vertebrate life and the nature of palaeoenvironments in the Triassic that ushered in the "Age of the Dinosaurs".

Extending over the Ischigualasto-Villa Unión sedimentary basin, the dramatic natural landscape of the property exposes six geological formations that clearly and exceptionally document the major stage of Earth's history from the evolution from the mammal ancestors in the Early Triassic to the rise of dinosaur dominance during the Triassic. The rich diversity of fossils includes some 56 known genera and many more species of vertebrates, including but not limited to fish, amphibians and a great variety of reptiles and direct mammalian ancestors, including the early dinosaur: *Eoraptor*, and at least 100 species of plants together with abundant emphasis of the environments of the time. Together these remains provide a unique window on life in the Triassic Period, with many new discoveries still to be made.

Integrity

The property encompasses the surface expression of the Ischigualasto-Villa Unión sedimentary basin, which fully depicts the Triassic Period in the Mesozoic Era, including all the key fossiliferous strata within its boundaries. It is a natural landscape with all its interrelated components - continuous sequences of rock outcrops, erosional forms, outwash areas and various depositional features present. Although most of the boundaries follow straight lines rather than topographic contours, this is not considered a shortcoming given the limited definition of catchments in the desert landscape. The formal protection status of both protected areas is an adequate legal recognition and framework of the property's geological and paleontological values.

The boundaries of the property were not designed according to ecosystem considerations so it is unknown to what degree the property contributes to the conservation of the El Monte ecosystem and its fauna and flora. Unlike the geological values, the ecological values are under certain pressure, for example from livestock grazing, alien invasive species and poaching.

Protection and management requirements

The property is publicly owned, has no permanent inhabitants and enjoys adequate legal protection. Both protected areas are appropriately zoned into areas ranging from strict protection to various forms of controlled use. Provincial legislation established Ischigualasto Provincial Park in 1971 and the contiguous Talampaya Provincial Park in 1975. Talampaya subsequently became a National Park in 1997, subject to national legislation as a unit of the National Protected Areas System. It is managed by the Argentina's National Park Agency APN through specialised technical staff and trained rangers. Central funding is provided for infrastructure and equipment and a regional APN office provides technical and scientific support. As for Ischigualasto, provincial legislation created an administration in 2004 as an autonomous entity under the provincial government. The law defines objectives and the role of a coordinator to be appointed by the provincial government. It also establishes a fund to be fed from the provincial budget, entrance fees and other revenue mechanisms to be developed. The property requires an adequate budget for staffing and management operations. It benefits from support from tourism organisations at provincial and national level and from research institutions. There is a need to ensure sufficient funding and staff in both protected areas. The continuity of the coordination across the two parks should be ensured regardless of legal differences, in particular in the realms of conservation, monitoring, law enforcement, research, community involvement, public use and tourism.

The strategic planning process is currently under way to update the Management Plan that was effective until 2007, so that the management objectives stated in the previous planning period can be reviewed.

Before road construction in 1979, the area was not easily accessible. Historic human use was restricted to indigenous resource use and more recently to episodic cattle drives and some coal mining in Ischigualasto. Livestock from adjacent communities and expanding mining activities made it necessary to demarcate the park boundaries to avoid possible ambiguity about the exact extension. The geological values are in a good state of conservation but permanent management and supervision of the scientific field work is required, and action to prevent illegal collection are all required. Threats to the ecosystem include alien invasive species, feral livestock, and poaching. The promotion of tourism and recreation is a declared management objective with expected benefits in visitor education, conservation financing and income and employment opportunities in the adjacent

communities. Building upon existing efforts, planning and management is needed to address the well-known undesired effects of tourism development in conservation areas, especially as most visitors accumulate in a few selected parts of the property, such as *Valle de la Luna* and *Cañón de Talampaya* (the Valley of the Moon and the Talampaya Gorge).

Property: State Party	Argentina: Los Glaciares National Park
Id. N°	145
Date of inscription	1981

Brief synthesis

Los Glaciares National Park is located in the Southwest of Santa Cruz Province in the Argentine part of Patagonia. Comprised of a National Park and a National Reserve it has a total surface area of 600,000 hectares. Los Glaciares owes its name to the numerous glaciers covering roughly half of the World Heritage property. Many of these glaciers are fed by the massive South Patagonian Ice Field, the most extensive South American relict of the glaciological processes of the Quaternary Period. In addition, there are impressive glaciers independent of the main ice field. The property therefore constitutes a massive freshwater reservoir.

The Upsala, Onelli and Perito Moreno Glaciers calve into the icy and milky waters of the huge Lake Argentino, which is partly included in the property. The most striking sight is the famous Perito Moreno Glacier. This large glacier blocks a narrow channel formed by Lake Argentino thereby raising the water level temporarily. This in turn causes regular thunderous ruptures of the glacier tongue into the lake.

Criterion (vii): Los Glaciares National Park is embedded into the enchanted and remote mountain landscape of the Patagonian Andes shared by Argentina and Chile. Dominated by rugged granite peaks exceeding 3000 m.a.s.l. the landscape is modelled by massive, ongoing glaciations. About half of the large property is covered by numerous glaciers, many of which belong to South America's largest ice field. Despite the name's focus on the impressive glaciers there is a remarkable landscape diversity encompassing a large altitudinal gradient of more than 3000 metres and very diverse ecosystems.

The glaciers feed the huge mountain lakes of Viedma and Argentino. The overwhelming beauty of the landscape is epitomized where the Perito Moreno Glacier meets Lake Argentino. The vast front of the slowly and constantly moving glacier, up to 60 metres high, regularly calves bluish icebergs into the waters of Lake Argentino, an audiovisual spectacle attracting visitors from all over the world.

Criterion (viii): Los Glaciares National Park is an excellent example of the significant process of glaciation, as well as of geological, geomorphic and physiographic phenomena caused by the ongoing advance and retreat of the glaciations that took place during the Pleistocene epoch in the Quaternary period, and the neoglaciations corresponding to the current epoch or Holocene. These events have modelled – and continue to model the landscape of the area and may be recognised by the lacustrine basins of glacial origin, the moraine systems deposited on the plateaux, or by more recent systems pertaining to the current valleys, and, the many large glacier tongues fed by the Ice Fields of the Andes. The property also provides fertile ground for scientific research on climate change.

Integrity

Los Glaciares National Park is an extensive and fairly well-conserved sample of several types of Andean-Patagonian Forest, Patagonian Steppe and highly specialized high-altitude vegetation. The property provides comprehensive protection for magnificent examples of the large glaciers of Southern Patagonia, as well as related processes. The remoteness, the harsh environmental conditions of the area and the very low level of atmospheric pollution contribute to the integrity of the property, as do the large, contiguous national parks on the Chilean side next to Los Glaciares National Park.

Los Glaciares National Park covers major glaciers and high altitude areas which are difficult to access. This natural protection and the protected area category imply a high level of permanent conservation at a relatively large scale. Adjacent to the East, where the property transitions into the steppes of the lower elevations near the lakes there is a National Reserve divided into three distinct units, "Viedma" in the north, a "Central Zone" and "Zona Roca" to the South. Los Glaciares is situated in the Southern Andes, which are shared with neighbouring Chile. The World Heritage property is adjacent to the two national parks of Torres del Paine and Bernardo O'Higgins on the Chilean side, effectively forming a contiguous protected areas complex of impressive scale stretching across the border.

The integrity of the property is enhanced by its associated cultural and biodiversity values. There is a large altitudinal gradient from around 200 m.a.s.l. all the way to Cerro Fitz Roy at 3,375 m.a.s.l. This magnificent peak is also known as Cerro Chaltén, based on the native Aonikenk word for "smoking mountain". Many place names go back to the Aonikenk, but petroglyphs and other artifacts are reminiscent of even earlier original inhabitants.

Against the backdrop of rugged, towering mountains the main ecosystems are subantarctic or Magellanic forests. Sometimes also referred to as cold Patagonian forests, they are dominated by various species of Southern Beech, some of which display dramatic colours in the autumn of the Southern hemisphere. After a transitional zone of woodland and scrub, the lower elevations further east mark the beginning of the vast semiarid Patagonian steppes. Next to the peaks and glaciers there are highly specified subantarctic xerophytic cushion grasses. The Puma and the elusive Andean Cat, locally known as *Guiña*, roam the landscape, as does the elusive *Huemul*, a rare native deer species of the Southern Andes. There is a rich bird fauna, including important breeding populations of the emblematic Andean Condor and Darwin's Rhea, sometimes called the "South American Ostrich" and locally known as *Choiique*.

Despite its remoteness, Los Glaciares National Park is far from free of human impacts, such as domestic and feral livestock, forest fires and alien invasive species. Los Glaciares National Park attracts large numbers of national and international visitors requiring careful consideration and planning of tourism.

Protection and management requirements

The property has an impressively long formal conservation history going back to 1937. Los Glaciares National Park is a state-owned unit of the National System of Protected Areas in Argentina (Law No. 22.351 dealing with the National Park Administration), and it was created in 1937 when Law No. 13.895 was enacted, while National Law No. 19.292 of 1971 established the current limits, including the division of the area into a National Park and a National Reserve. Most of the territory of the Magallanes Peninsula, in which the Perito Moreno Glacier is located, is a Provincial Nature Reserve serving as a buffer zone of the property.

The property has specialised administrative and technical staff and park rangers. There is also a fire brigade and support park rangers. While the Superintendence and main administrative office operates in the small town of El Calafate, there are additional units distributed across the property. The Regional Technical Office Patagonia provides professional, scientific and technical assistance.

Management is guided by a preliminary management plan (approved in 1997 by Resolution N° 162). It will require continuous review and updating in response to emerging demands. Since 2002, Los Glaciares National Park established a local Advisory Council bringing together national, provincial and municipal entities, non-governmental organizations, the Chamber of Commerce, the Association of Tourist Guides and a Scout Group among others stakeholders. This Council has an advisory role to the management of Los Glaciares National Park.

While tourism is localized and many parts of the property can only be accessed by mountaineers and climbers there are seasonally crowded areas in the property requiring careful public use planning. The Public Use programme has been updated to fulfil the Restructuring Plan for the Moreno Glacier Sector, due to the increase in tourism and to the fact that it has the most appealing values for visitors. This restructuring included road improvements, planning of visits through a new walkway system, services for visitors, such as restaurants and toilets, in order to improve the property protection and the quality of the visit.

Historically, overgrazing is among the biggest human impacts, in some areas to this day. The management addresses this through agreements for the conversion of cattle-raising farms to touristic uses. Feral cattle remain in two uninhabited areas, Avellaneda Peninsula and Onelli Bay, and will eventually have to be removed. The latter is part of a programme to control alien invasive species. Other noteworthy introduced species include the European Hare and trout species in the lakes and streams.

Forest fires have likewise had a strong impact in the past leading to the degradation and even destruction of large areas within the property. Removal of livestock and fire prevention will help restoration.

The continuation and consolidation of the Research and Monitoring Programme is required, which includes the project to conserve the *Huemul* Deer, one of the most remarkable species of the park. The latter is a longstanding project with a history of more than two decades and is conducted jointly with neighbouring Chile."

State Party: Property	Argentina: Península Valdés
Id. N°	937
Date of inscription	1999

Brief synthesis

Peninsula Valdes is located in the Argentinean Province of Chubut. The peninsula of approximately 360,000 hectares reaches more than 100 kilometres eastwards into the South Atlantic Ocean. Its roughly 400 kilometres of shoreline include a series of gulfs, including the extensive Golfo San Matias to the North and Golfo Nuevo to the South, both covering several thousand square kilometres. The dynamic coastal zone features rocky cliffs of up to 100 metres in height, shallow bays and shifting coastal lagoons with extensive mudflats, sandy and pebble beaches, active sand dunes, and small islands. The wetlands, some of them today also recognized as a Wetland

of International Importance under the Ramsar Convention, are associated with the tidal areas of the Peninsula and provide significant nesting and resting sites for numerous migratory shorebirds. The diverse terrestrial, coastal and marine ecosystems of Peninsula Valdes contain natural habitats of extraordinary value from both a scientific and a conservation perspective.

Connected to the mainland only through a narrow strip of land, the mushroom-shaped peninsula and its shore are almost insular in nature. Its calm gulfs, sheltered from the rough South Atlantic, are key breeding, calving and nursing areas of the Southern Right Whale and many other marine mammals, such as Southern Elephant Seal, Southern Sea Lion and Orca. There are important breeding colonies of shorebirds and tens of thousands of nesting Magellanic Penguin. The land ecosystem is dominated by Patagonian Desert Steppe, representing more than half of the plant communities distinguished in Argentinean Patagonia despite its relatively modest size. Terrestrial wildlife includes Guanacos, one of South America's native camelid species, and the Patagonian Mara, a rodent endemic to Argentina. There are 181 recorded bird species, including the Lesser Rhea, the White-headed Steamer Duck, endemic to Argentina, and the migratory Snowy Sheathbill.

Criterion (x): With more than 1,500 specimens visiting the area annually Peninsula Valdes contains the globally most important breeding grounds of the Southern Right Whale, a species that had severely suffered from commercial whaling. The conservation efforts in Peninsula Valdes have been playing and continue to play an important role in the ongoing recovery of this whale species, an encouraging success story in global conservation. The property is also noteworthy for several other marine mammals, in particular major breeding populations of Southern Sea Lion and Southern Elephant Seal. As for the latter species, Peninsula Valdes harbors the northernmost colonies, and the only breeding population of this species in continental Argentina. The small local population of Orca has developed a spectacular hunting method by intentionally stranding on the shores to catch offspring of Southern Sea Lion and Southern Elephant Seals. Both the coastal areas, a diverse mosaic of wetlands, mudflats, dunes and cliffs, and the land area, a distinct and relatively intact part of the Patagonian Desert Steppe, harbour diverse flora and fauna of high conservation value.

Integrity

The peninsula is a naturally defined unit of the Patagonian landscape. It covers the terrestrial habitats with its remarkable flora and fauna in its entirety, including the particularly valuable coastal habitats. The original inhabitants of the area were the Tehuelche, which lived off the land and sea prior to colonization. Later on sheep farming emerged as a dominant land use to this day with heavy exploitation of marine mammals as an additional source of employment and income. Despite ongoing sheep grazing and related competition between livestock and native herbivores, as well as persecution of native predators, the property continues to support diverse communities of native vegetation and wildlife. The property is sparsely populated and infrastructure is modest. No industrial development has occurred with the exception of an aluminium smelter in the town of Puerto Madryn, located on the mainland but on the shore of Golfo Nuevo.

Historically, the Southern Right Whale population had almost collapsed due to excessive whaling but eventually its global protection was achieved in 1935. Southern Sea Lion was also heavily hunted for oil and skins on the peninsula, legally until 1953 and illegally into the 1970s. The populations of both species have responded to the conservation measures with impressive recoveries.

The marine areas are similarly intact. Despite the good overall state of conservation the property illustrates some inherent limitations of protected areas. All of the charismatic species Peninsula Valdes is globally renowned for are seasonal visitors only. While the property adequately conserves critical and sensitive habitat it is clear that the future of the populations also depends on suitable and intact habitat elsewhere.

Protection and management requirements

The formal conservation history of Peninsula Valdes started in the 1960s when provincial legislation established the first Touristic Nature Reserves, Punta Norte and Isla de los Pájaros. Several other provincial protected areas have since been established in particularly valuable areas, including Golfo San Jose Provincial Marine Park in 1974. In 1983, a comprehensive Nature Reserve for Integrated Tourism Development was declared to guide responsible tourism development, integrating all previously designated protected areas. A strict marine reserve was created in Golfo Nuevo in 1995 to strengthen the protection of the Southern Right Whale, extending five nautical miles from the shore around most of the peninsula. The Chubut Provincial Tourism Organisation is in charge of the reserves. Since the 1970s, there are wildlife guards supporting local police and the National Coast Guard. Most of the land is privately owned in large "estancias". Decision-making requires a dialogue with representatives of all stakeholders, of which landowners are a major group. The management of the property encompasses a strong research component involving the National Centre for Patagonia and many national and international academic and non-governmental partners. In-situ conservation measures are complemented by national and international instruments applicable to the Southern Right Whale. The species not only received international protection from commercial whaling but was also declared a natural monument by the National Congress of Argentina in 1985.

On land adapted livestock numbers are needed to prevent further degradation and to restore habitats. Tourism, a vital sector of the local economy, is a central management issue with major potential for securing conservation finance. At the same time, tourism has complex environmental impacts in the property. Uncontrolled whale-

watching and other forms of wildlife viewing can result in disturbances of sensitive breeding populations both on land and water. Careful monitoring and where required limitation is indispensable. Tourism increases the consumption of scarce freshwater in the arid environment and inevitably augments solid waste and wastewater. Pollution from sewage treatment facilities, fish processing plants, and industry around the town of Puerto Madryn needs adequate environmental management. Solid waste management is required to prevent impacts from artificial inflation of gulls and rat populations which predate key species within the property.

The Peninsula System Management Plan, with a participatory strategic planning methodology, was undertaken since 1998. Completion, effective implementation and ongoing monitoring of management plans for the property is essential.

The leading causes of human-induced mortality of Southern Right Whales are ship strikes and entanglements in fishing gear. Consequently, increased vessel traffic through whale-watching, the aluminium smelter in Puerto Madryn and commercial fishing are concerns requiring ongoing protection and management measures. Passing marine traffic bears the additional great risk of spills that can only be mitigated by appropriate disaster preparedness.

A more complex challenge is the fact that all the marine mammals mating, calving and nursing in Peninsula Valdes are vulnerable to pollution, accidents and the direct and indirect effects of excessive fishing throughout their vast ranges – this challenge can only be addressed through international cooperation.

State Party: Property	Belize: Belize Barrier Reef Reserve System
Id. N°	764
Date of inscription	1996

Brief synthesis

The Belize Barrier Reef System (BBRS), inscribed as a UNESCO World Heritage Site in 1996, is comprised of seven protected areas; Bacalar Chico National Park, Bacalar Chico Marine Reserve, Blue Hole Natural Monument, Half Moon Caye Natural Monument, South Water Caye Marine Reserve, Glover's Reef Marine Reserve, Laughing Bird Caye National Park and Sapodilla Cayes Marine Reserve. The largest reef complex in the Atlantic-Caribbean region it represents the second largest reef system in the world. The seven protected areas that comprise the BBRS comprise 12% of the entire Reef Complex.

The unique array of reef types within one self-contained area distinguishes the BBRS from other reef systems. The site is one of the most pristine reef ecosystems in the Western Hemisphere and was referred to 'as the most remarkable reef in the West Indies' by Charles Darwin. Outside of the reef complex the property contains three atolls; Turneffe Island, Lighthouse Reef and Glover's Reef. The Barrier Reef and atolls exhibit some of the best reef growth in the Caribbean. The reef complex is comprised of approximately 450 sand and mangrove cayes.

The property provides important habitat for a number of threatened marine species, harbouring a number of species of conservation concern including the West Indian manatee (*Trichechus manatus*), green turtle (*Chelonia mydas*), hawksbill turtle (*Eretmochelys imbricata*), loggerhead turtle (*Caretta caretta*), and the American crocodile (*Crocodylus acutus*) as well as endemic and migratory birds which reproduce in the littoral forests of cayes, atolls and coastal areas. Major bird colonies include the red-footed booby (*Sula sula*) on Half-Moon Caye, brown booby (*Sula leucogaster*) on Man O'War Caye and the common noddy (*Anous stolidus*) on Glover's Reef. Approximately 247 taxa of marine flora have been described within the complex and over 500 fish, 65 scleritian coral, 45 hydroid and 350 mollusc species have also been identified, in addition to a great diversity of sponges, marine worms and crustaceans.

Criterion (vii): The Belize Barrier Reef Reserve System (BBRRS) is unique in the world for its array of reef types contained in a relatively small area. As the longest barrier reef in the Northern and Western Hemispheres and distinctive on account of its size, array of reef types and the luxuriance of corals thriving in a pristine condition it provides a classic example of the evolutionary history of reefs and reef systems. The rise and fall of sea level over the millennia, coupled with natural karst topography and clear waters, results in a diverse submarine seascape of patch reefs, fringing reefs, faros, pinnacle reefs, barrier reefs as well as off-shelf atolls, rare deep water coral reefs and other unique geological features such as the Blue Hole and Rocky Point where the barrier reef touches the shore. The spectacular picturesque natural setting of brilliant white sand cayes and verdant green mangrove cayes is in dramatic contrast to the surrounding azure waters.

Criteria (ix): Illustrating a classic example of reef types, including fringing, barrier and atoll reef types, the BBRRS contains an intact ecosystem gradient ranging from the terrestrial to the deep ocean. Including littoral, wetland, and mangrove ecosystems, to seagrass beds interspersed with lagoonal reefs, to the outer barrier reef platform and oceanic atolls, this ecological gradient provides for a full complement of life-cycle needs, supporting critical spawning, nesting, foraging, and nursery ecosystem functions. Maintaining these ecological and biological

processes ensures robust and resilient reefs, which are themselves one of the world's most ancient and diverse ecosystems.

Criteria (x): Home to a diverse array of top predators, on land, sea and in the air, the jaguars of Bacalar Chico, the great hammerheads of the Blue Hole, and the ospreys of Glovers Reef are a testament to the property's importance and its ecological integrity. A total of 178 terrestrial plants and 246 taxa of marine flora have been described from the area while over 500 species of fish, 65 scleractinian corals, 45 hydroids and 350 molluscs have been recorded. Numerous endangered species are protected within the boundaries of the BBRRS including; the West Indian manatee, the American crocodile and three species of sea turtle. The property also provides valuable habitat for three species of groupers, and the red-footed booby. The BBRRS is also home to endemic species including several Yucatan birds, island lizards, several fishes, tunicates, and sponges, making it an area with one of the highest levels of marine biodiversity in the Atlantic.

Integrity

The Belize Barrier Reef Reserve System is one interconnected system comprised of seven marine protected areas located along the length of the barrier reef, the shelf lagoon and offshore atolls. It is the largest barrier reef in the Northern hemisphere and represents all the main reef and coastal habitats, including rare littoral forest on sand cays that are home to endangered flora and fauna. The network of protected areas is large enough to maintain the necessary ecological processes and support the BBRRS for the long term. Its geographic spread and diversity enhance its resilience, an essential factor in this time of climate change with its risks of coral bleaching, stronger and more frequent hurricanes and sea level rise.

Management challenges and threats that impact on the integrity of the property include; overharvesting of marine resources, coastal development, tourism, industrial development and proposed oil and gas exploration and exploitation. These threats, common to marine protected areas in general are less intense due to relatively low population pressure, however, careful management is required to ensure growing population pressures do not lead to significant impacts on the integrity of the property.

Protection and management requirements

Extending from the border with Mexico to the north, to near the Guatemalan border to the south the geographical spread of this serial property poses a number of management challenges. The component sites of the serial property have been gazetted as protected areas with legal protection measures provided under the national constitution, the Fisheries Act and the National Parks Act. Oversight of all protected areas, including the BBRRS, is governed through various pieces of legislation administered by various Government of Belize Departments spread across various Ministries.

The National Protected Areas Policy is Belize's policy on protected areas and provides the overarching policy framework, whereas the National Protected Areas System Plan details inter alia specific requirements for protected areas resource management, planning and management effectiveness evaluations. In addition to entrance fees, financial support for all protected areas in Belize can be accessed through the national Protected Areas Conservation Trust. Those sites and co-managers that constitute the BBRRS can also access funds under the Community Management of Protected Areas for Conservation (COMPACT) and other international funding sources.

Government authorities have approached the management challenges posed by the size and nature of the property strategically, establishing innovative co-management agreements with various non-governmental organizations. This helps to ensure successful on-the-ground supervision, backed up by national legislation and guided by official management plans that are available for each of the component protected areas and include resource protection, research and monitoring, surveillance and enforcement, community outreach and education, and financial sustainability. However, the complexities of managing a number of protected areas spread over a considerable area requires detailed institutional coordination mechanisms to ensure the protection of the property and its Outstanding Universal Value.

Coordination amongst government agencies responsible for coastal development, including activities such as mangrove clearance and dredging, is required for conservation and effective management of the property. Revitalization of the Coastal Zone Management Authority and Institute (CZMAI), will strengthen this crucial element of integrated coastal management, particularly through the completion and legal adoption of the Coastal Zone Management Plan. Implementation of this Plan will assist with control, regulation, mitigation and minimizing threats such as uncontrolled development, unsustainable tourism and fishing, and declining water quality. Belize's long history of marine species conservation, trans-boundary coastal management cooperation, and involvement in several regional conservation initiatives is based on a recognition of the fact that the seas and resident wildlife are not confined to protected areas or within political boundaries, further enhances the conservation of the BBRRS WHS.

Strengthening of mangrove regulations, the fisheries and marine reserve regulations, and the EIA process will lead to more sustainable use of resources both within the BBRRS and the surrounding areas. Policy development and contingency planning are required for impacts of possible oil and gas exploration located outside the property, impacts from tourism and to address climate change concerns. Along with these regulatory and policy improvements, strengthened enforcement will also assist in management and long-term protection of the property.

Added protection and management measures, and the ongoing dedication and coordinated work of government and non-government organizations, will ensure the outstanding values of the BBRRS will remain intact.

State Party: Property	Colombia: Los Katíos National Park
Id. N°	711
Date of inscription	1994

Brief synthesis

Los Katios National Park has great biological wealth and a privileged role in the South American continent's biogeographical history. Contiguous to the much larger Darién National Park of Panama which is also a World Heritage Site, these two areas together protect a representative sample of one of the world's most species-rich areas of moist lowland and highland rainforest, with exceptional endemism. Extending over 72,000 hectares in north-western Colombia, the park is located in the Colombian mountain zone up to an elevation of 600m and encompasses significant wetland areas, including the extensive Ciénagas de Tumaradó. It is the only place in South America where a large number of Central American species occur, including threatened species such as the American Crocodile, Giant Anteater and Central American Tapir.

Criterion (ix): Los Katíos played a major role in the biogeographical history of the Americas, a role which continues today. Its geographic location in northern Colombia made it a filter or barrier to the interchange of fauna between the Americas during the Tertiary. It is thought to be the site of a Pleistocene refuge, a hypothesis supported by the high proportion of endemic plants.

Criterion (x): The park is home to around 450 species of birds, some 25% and 50% respectively of the avifaunas of Colombia and Panama. Los Katíos is unique in South America for the large number of typically Central American species found in the park. It is the only protected area in this region of Colombia and is therefore the last refuge for many species which would otherwise become extinct. The park is also home to several threatened species. Around 20% of plant species occurring in the park are endemic to the Chocó-Darién region.

Integrity

Los Katios was declared a National Park in 1973 and its boundaries were increased in 1979 to reach its current extent of 72,000 ha today. Inscribed on the World Heritage list in 1994, it was said to be one of the best conserved parks in the country. The entire area is State-owned and although 5% of the park's area was compromised during 70 years by a sugar cane plantation and a cattle ranch, the area has now been recovered and no settlements occur in the park. The remaining 95% of the park is still a pristine environment, encompassing undisturbed on-going ecological and biological processes. Since 1990 some visitor facilities and trails have been built. At time of inscription some civil disturbance in the region, commercial fishing and heavy boat traffic on the Atrato River which bisects the park was recorded, but management activities have since significantly improved the situation. Los Katios has effective legal protection and an up-to-date management plan for the property. The government has provided human and financial resources, with significant international support, to ensure adequate management of the area. Coordinated actions with the Panamanian authorities of the Darién National Park are essential for long-term conservation success.

Protection and management requirements

Even though the property has legal protection and in general is in good condition, management needs to be strengthened in order to deal with current threats which include increasing deforestation, human settlements, proposed infrastructure projects and illegal hunting and fishing. These activities reduce ecological connectivity within the park, and agriculture, hunting and fishing impact negatively on its values.

These challenges, as well as illegal extraction of timber both within and at the periphery of the park; over-fishing (including the use of illegal poisonous substances which affects wetlands); reduction of natural habitats by conversion to shifting agriculture and cattle raising; intentional forest fires which significantly impact the extent and quality of natural forests; pollution to wetlands and water bodies; and the possible extension of the Pan American highway in proximity to the park all need to be addressed in order to effectively protect the Outstanding Universal Value of the property.

The potential impacts of these threats need to be closely monitored and minimized by enhancing the capacity of the National Park Unit for developing and implementing assessment, monitoring, control and surveillance programmes; effectively addressing illegal activities; developing and implementing effective processes of community involvement; and active coordination of planning activities between government authorities. Mega-projects may cause irreparable damage, and a process aimed at identifying viable alternatives in order to maintain the outstanding values of the property is essential. Financial resources also need to be secured in order to ensure the long-term conservation and management of the property.

State Party: Property	Costa Rica / Panama: Talamanca Range-La Amistad Reserves / La Amistad National Park
Id. N°	205bis
Date of inscription	1983,1990

Brief synthesis

The Talamanca Range-La Amistad Reserves / La Amistad National Park extends along the border between Panama and Costa Rica. The transboundary property covers large tracts of the highest and wildest non-volcanic mountain range in Central America and is one of that region's outstanding conservation areas. The Talamanca Mountains contain one of the major remaining blocks of natural forest in Central America with no other protected area complex in Central America containing a comparable altitudinal variation. The property has many peaks exceeding 3,000 m.a.s.l. on both sides of the border, including Cerro Chirripo, the highest elevation in Costa Rica and all of southern Central America at 3,819 m.a.s.l. The surface area of the property 570,045 hectares, of which 221,000 hectares are on the Panamanian side. The beautiful and rugged mountain landscape harbours extraordinary biological and cultural diversity. Pre-ceramic archaeological sites indicate that the Talamanca Range has a history of many millennia of human occupation. There are several indigenous peoples on both sides of the border within and near the property. In terms of biological diversity, there is a wide range of ecosystems, an unusual richness of species per area unit and an extraordinary degree of endemism.

The scenic mountains and foothills contain impressive footprints of Quaternary glaciation, such as glacial cirques, lakes and valleys shaped by glaciers, phenomena not found elsewhere in the region. The property is a large and mostly intact part of the land-bridge where the faunas and floras of North and South America have met. The enormous variety of environmental conditions, such as microclimate and altitude leads to an impressive spectrum of ecosystems. The many forest types include tropical lowland rainforest, montane forest, cloud forest and oak forest. Other particularities of major conservation value include high altitude bogs and Isthmus Paramo in the highest elevations, a rare tropical alpine grassland. Longstanding isolation of what can be described as an archipelago of mountain islands has favoured remarkable speciation and endemism. Some 10,000 flowering plants have been recorded. Many of the region's large mammals have important populations within the property, overall 215 species of mammals have been recorded. Around 600 species of birds have been documented, as well as some 250 species of reptiles and amphibians and 115 species of freshwater fish. Most taxonomic groups show a high degree of endemism. The large extension and the transboundary conservation approach entail a great potential for the management and conservation of an extraordinary large-scale mountain ecosystem shared by Costa Rica and Panama.

Criterion (vii): The property harbours exceptionally beautiful mountain landscapes. Much of the rugged terrain is covered by vast forests. Within the region, the unusual high altitude grasslands are restricted to the property, allowing extraordinary panoramic views. The remarkable vestiges of Quaternary glaciation add to the particularity of the landscape through the cirques, shapes of valleys and glacial lakes. The Talamanca Range hosts countless rivers and creeks, some of them forming spectacular waterfalls. In addition to scenic values the Talamanca Mountains also have major spiritual value for local communities.

Criterion (viii): The Talamanca Range is a very particular sample of the recent geological history of the Central American Isthmus, the relatively narrow strip of land connecting North and South America and separating the Pacific and Atlantic Oceans. The property shows impressive marks of Quaternary glacial activity, which has shaped glacial cirques, glacial lakes and deep, "U"-shaped valleys, which cannot be found anywhere else in Central America.

Criterion (ix): As a large and mostly intact part of a geologically young land bridge, what is today the property is a meeting point of flora and fauna coming from North and South America. Many of the original species of the previously disconnected sub-continent reach their distribution boundaries in the Talamanca Mountains. Jointly with the climatic variation, the complex relief and huge altitudinal range and heterogeneity of many other environmental conditions this biogeographic location has resulted in a complex mosaic of ecosystems and habitats of global importance for conservation and science. The mosaic includes oak forests, different types of tropical rainforest, cloud forest and the rare high altitude bogs and grasslands. The latter, referred to as "Isthmus Paramo", is regionally restricted to the property and extremely rich in endemic species. Evolutionary processes triggered a speciation with extraordinary levels of endemism across numerous taxonomic groups. Many endemic species are restricted to single peaks of the mountain range. Ecologically, these peaks can be compared to islands of an archipelago.

Criterion (x): The property boasts an exuberant biological diversity of both flora and fauna with an elevated degree of endemism across numerous taxonomic groups, often exceeding one third of the species within a taxonomic group. The Talamanca Mountains host some 10,000 flowering plants and over 4,000 non-vascular plants. There are approximately 1,000 fern species and about 900 species of lichen. Many of the region's large mammals have important populations within the property; overall 215 species of mammals have been recorded. The property hosts viable populations of many rare, vulnerable and endangered species, which include all cat

species of Central America, the endangered species Ornate Spider Monkey and Central American Tapir, as well as the vulnerable Black-crowned Central American Squirrel Monkey. Some 600 bird species include the resplendent Quetzal and several species of rare raptors. Other vertebrates include some 250 species of reptiles and amphibians and remarkable 115 species of freshwater fish. Of the amphibians, six species are restricted to the Cordillera, such as the endangered Splendid Poison Frog.

Integrity

The property comprises large parts of the Talamanca Mountains, including essential areas to maintain the visual integrity of the area's landscape beauty. The size and relative intactness enables the long term continuation of the processes that have shaped the ecosystems and habitats and their associated biological diversity. The rugged terrain, difficult access and the formal protection status have kept human impacts at bay. The vast transboundary complex of protected areas encompasses many environmental gradients, including an impressive altitudinal gradient. Thereby, the property offers a valuable opportunity for the conservation of viable populations of species requiring large ranges and habitat diversity in order to perform daily, seasonal or altitudinal migrations. The anticipated climate change casts a shadow on the property. At the same time, due to the size and altitudinal range, the property is expected to be more resilient than smaller, isolated protected areas. Despite the protection status, some threats are tangible or on the horizon and might impact on the integrity in the long term, therefore requiring careful attention. These include forest fires, illegal extraction of flora and fauna, encroachment and infrastructure plans.

Protection and management requirements

Following up on a joint declaration by the Presidents of the two countries in 1979, Costa Rica nominated several contiguous protected areas, which were inscribed on the World Heritage List in 1983. In 1990, Panama's adjacent La Amistad National Park was inscribed on the World Heritage List as an extension to the Costa Rican property, thereby forming one of the very few transboundary World Heritage properties, an excellent intergovernmental framework for coordinated and cooperative management and conservation. The bi-national Transboundary Protected Area Technical Commission monitors the agreement and steers negotiations between the many private and public groups and agencies active in Talamanca. In both countries, there is a strong legal and institutional framework for the protection and management of the individual protected areas, which belong to various categories. In this sense, management is under the authority of the national environmental authorities of both countries, which is also the source of basic financing. At the same time, there are many initiatives at the local level with the support of many conservation groups, including as regards financing. One of the particularities and indeed values of the property is the large size and composition of many contiguous components across an international border. This signifies a major potential in terms of securing the continuity of the ecological processes at the landscape level, but also a continuous challenge.

Insufficient funding in the past has resulted in shortcomings in terms of staff, equipment and infrastructure. More importantly, broader developments on both sides of the international border require attention to prevent deterioration or loss of the property's exceptional conservation values. There is encroachment along the advancing "agricultural frontier" for subsistence, plantations and cattle ranching, particularly along the Pacific slopes and along roads. Past encroachment has facilitated settlements, logging, forest fires, grazing, fishing and poaching, illegal extraction of flora and fauna, all jointly fragmenting the forests and deteriorating the natural resources. A balance must also be sought and maintained between the traditional but dynamic livelihood systems of indigenous residents with resource use including free-range grazing, hunting, fishing and collection of medicinal plants. Other documented challenges include the looting of archaeological sites and unregulated tourism. It is indispensable to involve the resource-dependent local and indigenous communities in the management. Zonation and the definition of a buffer zone for the property are promising instruments to this effect. Major projects foreseen in and around the property include oil exploration, mining copper mining, hydropower, transmission lines, and road construction, all requiring full consideration of social and ecological impacts. The existing alliance between the governments of Panama and Costa Rica requires consolidation, with harmonized management frameworks at the landscape level.

State Party: Property	Panama: Coiba National Park and its Special Zone of Marine Protection
Id. N°	1138rev
Date of inscription	2005

Brief synthesis

Coiba National Park and its Special Zone of Marine Protection, is located in the Republic of Panama in the Gulf of Chiriqui, in the western sector of the country. The property protects Coiba Island along with 38 smaller islands and the surrounding marine area and is immersed in the Tropical Eastern Pacific, forming part of the Tropical Eastern

Pacific Marine Corridor (CMAR). It is the last refuge for a number of threatened animals and an essential area for migratory species, including the essentials for the maintenance of the ecological balance of the oceanic masses, and valuable habitat for cetaceans, sharks, sea turtles and a large variety of pelagic fish species of high importance to regional level fisheries.

The property contains marine environments that have characteristics of both a continental and oceanic influence, and include insular marine coastal and terrestrial island ecosystems. This wide range of environments and resulting habitats is a result of the property's location, close to the edge of the continental platform and at the same time to the mainland. These features combine to produce landscapes of incomparable beauty that are home to an exceptionally high level of endemism for mammals, birds and plants. An outstanding natural laboratory, the property provides a key ecological link to the Tropical Eastern Pacific and an important area for scientific research.

The size and length of the property allows for the protection of a whole and healthy ecosystem that is one of the last major refuges for rare and endangered species of tropical America. The conservation of the property is the main objective of close cooperation between the several stakeholders that form the Coiba National Park's Directors Board, the authority responsible for the governance and management of the property.

Criterion (ix): Despite the short time of isolation of the islands of the Gulf of Chiriquí on an evolutionary timeframe, new species are being formed, which is evident from the levels of endemism reported for many groups (mammals, birds, plants), making the property an outstanding natural laboratory for scientific research. Furthermore the Eastern Pacific reefs, such as those within the property, are characterized by complex biological interactions of their inhabitants and provide a key ecological link in the Tropical Eastern Pacific for the transit and survival of numerous pelagic fish as well as marine mammals.

Criterion (x): The forests of Coiba Island possess a high variety of endemic birds, mammals and plants. Coiba Island also serves as the last refuge for a number of threatened species that have largely disappeared from the rest of Panama, such as the Crested Eagle and the Scarlet Macaw. Furthermore the marine ecosystems within the property are repositories of extraordinary biodiversity conditioned to the ability of the Gulf of Chiriquí to buffer against temperature extremes associated to El Niño/Southern Oscillation phenomenon. The property includes 760 species of marine fishes, 33 species of sharks and 20 species of cetaceans. The islands within the property are the only group of inshore islands in the tropical eastern Pacific that have significant populations of trans-Pacific fishes, namely, Indo-Pacific species that have established themselves in the eastern Pacific.

Integrity

The boundaries of the property are legally defined and contain a core protection area, consisting of the Coiba National Park and a designated buffer area, providing an essential zoning system to safeguard the beauty of the area and protect its important natural values. It contains the necessary elements to ensure the permanence of the necessary processes for long-term conservation of the ecosystems and the unique biological diversity of the property. The property encompasses the Island of Coiba in its entirety, thus providing refuge for its endemic species as well as for species that have largely disappeared from mainland Panama. It is a large area whose boundaries encompass 430,825 ha, comprising a marine component covering oceanic ecosystems including continental environments, islands with abrupt topography and legal protection. Combined with difficult access in many areas the legal protection assists in keeping the property relatively unaltered and with minimal human intervention.

The existence and integration of other marine protected areas at both national and regional levels, , provides additional contributions to the protection of the special values that make the property exceptional. A number of factors could threaten the integrity of it property's attributes and require attention, such as illegal fishing, both in regards to scale and equipment used, introduced species and ecotourism development projects. Additionally, climatic changes could also affect the conservation of the ecosystems within the property.

Protection and management requirements

Coiba National Park encompasses over 270,125 ha of which 216,500 ha are marine and 53,625 ha are insular and include Coiba Island along with 38 smaller islands. The Special Zone of Marine Protection is included within the boundaries of the property as a buffer area to the core area of the National Park and encompasses an additional 160,700 ha. Combined the National Park and the SZMP includes 53,761 ha of terrestrial habitats and 377,064 ha of marine area. The property is protected under National Law 44, signed by the Legislative Assembly of the Republic of Panama on 26th July 2004, establishing Coiba National Park and a Special Zone of Marine Protection within the Gulf of Chiriquí. National Law 44 established the boundaries of the National Park along with its Zone of Marine Protection as well as the protection and management regulations for both of these areas.

The property is subject to national level management which is supported by the legal and institutional framework that allows for the execution of an innovative governance model, through cooperative and coordinated participation of different stakeholders. The National Park was created by Resolution No. 021 (1991) of the National Authority of the Environment and the property is operationally managed by the National Environmental Authority and administratively by both national and local authorities along with members of civil society such as environmental NGOs and productive sectors. This approach to management works towards ensuring the property has the basic funding requirements for its management. It also assists in achieving the management objective of

ensuring the conservation, protection and continuity of the ecological processes. In order to achieve this it is necessary to maintain and promote coordinated and participatory environmental management among communities, national authorities, users and stakeholders.

Fishing pressures on both the Coiba National Park and the Special Zone of Marine Protection is one of the threats and impacts on the property and along with infrastructure development, agriculture, forest cutting, human settlements and exploration and exploitation of mineral resources, while strictly prohibited remain potential threats. These issues have been extensively addressed by the management authority, along with NGOs that support continued conservation efforts and require ongoing investment in regards to monitoring. Escuchar Leer fonéticamente

Tourism interest in the property has grown and is expected to increase with the number of visitors growing rapidly. Tourism activities include use of the beaches and coastal areas as well as underwater activities and need to be monitored and managed so as to prevent significant impacts on the property and its values. As with other Marine Protected Areas, both in the region and world wide, the property faces the threats and impacts resulting from climate change such as coral bleaching, stronger and more frequent hurricanes and sea level rise.

State Party: Property	Suriname: Central Suriname Nature Reserve
Id. N°	1017
Date of inscription	2000

Brief synthesis

The Central Suriname Nature Reserve was established in 1998 to link up three pre-existing Nature Reserves named Raleighvallen, Eilerts de Haan and Tafelberg. Through the addition of significant areas in the process, the property now forms an immense protected area covering around eleven percent of the national territory. The 1.592,000 hectares are mostly comprised of primary tropical forest in west-central Suriname, a part of the Guiana Shield within the phylogeographic limits of Amazonia. The Reserve protects the upper watershed of the mighty Coppename River, as well as the headwaters of a number of other important rivers, covering a broad range of topography, ecosystems and habitats. Several distinctive geological and physical formations occur in the Central Suriname Nature Reserve, including granite inselbergs that rise up to 360 m.a.s.l. above the surrounding tropical forest. The eastern-most table top mountain or "Tepui" of the Guiana Shield is located in the Reserve and there is the Wilhelmina Mountain Range in the South culminating at Juliana Top, Suriname's highest elevation at 1,230 m.a.s.l.

The property is of notable conservation value due to its large scale and pristine state as an uninhabited and unhunted region. Its montane and lowland forests contain a high diversity of plant life with almost 5,000 vascular plant species collected to date, many of them endemic. There are also areas of swamp forest, savannah and xerophytic vegetation on the granite outcrops. Among the Reserve's 400 recorded bird species are the charismatic Harpy Eagle, Guiana Cock-of-the-Rock, and Scarlet Macaw and there are viable populations of numerous mammals typical of the region, including Jaguar, Giant Armadillo, Giant River Otter, Lowland Tapir and eight species of primates. Much of the property has yet to be inventoried and the true extent of the area's diversity is not fully known. Pre-Colombian cultural artefacts and petroglyphs have been found near rivers and creeks in different parts of the property, suggesting a potentially significant cultural heritage hidden within the vast and almost inaccessible property.

Criterion (ix): The property encompasses significantly diverse topography and soils. The altitudinal gradient, ranging from 25 m.a.s.l. to Suriname's highest elevation at 1,230 m.a.s.l., spans almost the entire possible range. These conditions have resulted in an extraordinary variety of ecosystems, habitats and ecological niches of global conservation importance. Besides vast tracts of dense tropical lowland forest there are swamp forests, rare rocky savannas, and visually stunning granite inselbergs, all harbouring specialised communities of flora and fauna. To this day, this ecosystem variation has been allowing organisms to move in response to disturbance, adapt to change and maintain gene flow between populations in one of the few remaining areas of vast and undisturbed forests in the wider Amazonian region, practically free of direct human impacts. Viable populations of large top predators indicate a nearly pristine state, rendering the property into an invaluable scientific reference to better understand the natural dynamics of the undisturbed forest ecosystems.

Criterion (x): The site contains a stunning diversity of plant and animal species, many of which are endemic to the Guiana Shield and globally vulnerable, threatened or endangered. Due to its location on the Eastern edge of the Precambrian Guiana Shield the property contains a distinct assemblage of species compared to the rest of the Guiana Shield region. Some 6,000 plant species have been recorded in yet incomplete inventories. Of the 1,890 known species of vertebrates in Suriname, at least 65 are endemic to the country and likely occur within the property. Many of the species are endemic to the property or even small areas within the property, such as the ecologically and geologically remarkable individual granite inselbergs. The large and undisturbed property is of

major importance for viable populations of several rare species such as Guianan Cock-of-the-Rock and Giant River Otter. Research expeditions routinely reveal species of fauna and flora previously unknown to science.

Integrity

While large parts of the Guiana Shield and Amazon regions are rapidly being transformed by logging, hunting, mining and settlement, the Central Suriname Nature Reserve can still be characterized as an intact conservation of a large scale. It remains for the most part inaccessible, unaffected by human activity, keeping its variety of ecosystems and high diversity of plant and animal species with a notable degree of endemism well preserved. The inaccessibility affords the property an effective - if unofficial – "buffer zone" of nearly 100 miles in almost all directions. The ecosystems within the property are intact and sufficiently large to include entire and viable populations and interrelated communities of flora and fauna. The remoteness of the property has thus far protected it, but at the same time has also limited conservation activities there. As development pressures build up around the reserve it is likely that, in future, threats may arise which may affect on-going ecological and biological processes in the evolution and development of terrestrial and freshwater ecosystems and communities of plants and animals.

Protection and management requirements

The protected areas preceding today's property 'were set up in 1960s and later brought together and significantly amended in 1998 when the large, entirely state-owned Central Suriname Nature Reserve was established. The central piece of legislation is Suriname's Nature Protection Act of 1954, prohibiting any activity that will negatively affect the integrity of nature reserves. According to the Act, the Head of the Suriname Forest Service (LBB) is responsible for managing all nature reserves and for handling all matters regarding nature conservation, including law enforcement. The operational management of the property is entrusted to the Nature Conservation Division (NB) of the Suriname Forest Service, which is assisted by the Foundation for Nature Conservation in Suriname (STINASU), a semi-governmental organization focusing on nature-based tourism and research in support of Suriname's governmental protected areas efforts. Management plans covering the entire property are to be produced for five year periods and amended by operational plans. Complementary business plans are desirable in the medium and long term. Although there are no permanent human inhabitants within the property, consultation with local resource-dependent communities in the vicinity are required. According to some observers, nearby Maroon communities, descendents of slaves, and Trio indigenous communities may have been affected by the creation of the Central Suriname Nature Reserve.

One challenge for the remote Central Suriname Nature Reserve is a lack of adequate resources and capacities. This is likely to become more acute in case of the expected scenario of mounting pressure on the property's resources. To develop the necessary capacity and ensure long-term financing, the Government of Suriname has joined forces with international conservation organizations and multilateral agencies. Diversified funding strategies are needed to ensure financing beyond the duration of individual projects. Tourism is in its infancy with some potential for localized interventions near a number of airstrips allowing access but unlikely to significantly contribute to covering management costs. Arguably the most serious long term challenge are the rich mineral and timber resources in and near the property. Several exploratory mining and logging concessions have been granted North, East and West of the property. Prospecting for gold occurs at the Northern tip of the property and major Bauxite deposits have been confirmed in the Bakhuis Mountains to the West of the Reserve. Careful assessment and planning is needed to ensure that future development will be adequately managed to prevent impacts incompatible with World Heritage status. A buffer zone could help balance development and conservation in sensitive areas near the property.

B. MIXED PROPERTIES / BIENS MIXTES

B.1 LATIN AMERICA AND THE CARIBBEAN/AMERIQUE LATINE ET CARAIBES

State Party: Property	Guatemala: Tikal National Park
Id. N°	64
Date of inscription	1979

Brief synthesis

Tikal National Park is located in Northern Guatemala's Petén Province within a large forest region often referred to as the Maya Forest, which extends into neighbouring Mexico and Belize. Embedded within the much larger Maya Biosphere Reserve, exceeding two million hectares and contiguous with additional conservation areas, Tikal National Park is one of the few World Heritage properties inscribed according to both natural and cultural criteria

for its extraordinary biodiversity and archaeological importance. It comprises 57,600 hectares of wetlands, savannah, tropical broadleaf and palm forests with thousands of architectural and artistic remains of the Mayan civilization from the Preclassic Period (600 B.C.) to the decline and eventual collapse of the urban centre around 900 AD. The diverse ecosystems and habitats harbour a wide spectrum of neotropical fauna and flora. Five cats, including Jaguar and Puma, several species of monkeys and anteaters and more than 300 species of birds are among the notable wildlife. The forests comprise more than 200 tree species and over 2000 higher plants have been recorded across the diverse habitats.

Tikal, a major Pre-Columbian political, economic and military centre, is one of the most important archaeological complexes left by the Maya civilization. An inner urban zone of around 400 hectares contains the principal monumental architecture and monuments which include palaces, temples, ceremonial platforms, small and medium sized residences, ball-game courts, terraces, roads, large and small squares. Many of the existing monuments preserve decorated surfaces, including stone carvings and mural paintings with hieroglyphic inscriptions, which illustrate the dynastic history of the city and its relationships with urban centres as far away as Teotihuacan and Calakmul in Mexico, Copan in Honduras or Caracol in Belize. A wider zone of key archaeological importance, around 1,200 hectares, covers residential areas and historic water reservoirs, today known as "aguadas". The extensive peripheral zone features more than 25 associated secondary sites, historically serving protective purposes and as check-points for trade routes. The peripheral areas also played a major role for agricultural production for the densely populated centre.

Research has revealed numerous constructions, carved monuments and other evidence bearing witness to highly sophisticated technical, intellectual and artistic achievements that developed from the arrival of the first settlers (800 B.C.) to the last stages of historic occupation around the year 900. Tikal has enhanced our understanding not only of an extraordinary bygone civilisation but also of cultural evolution more broadly. The diversity and quality of architectural and sculptural ensembles serving ceremonial, administrative and residential functions are exemplified in a number of exceptional places, such as the Great Plaza, the Lost World Complex, the Twin Pyramid Complexes, as well as in ball courts and irrigation structures.

Criterion (i): Tikal National Park is an outstanding example of the art and human genius of the Maya. Its wealth of architectural and artistic expressions also contains important symbolic elements, such as the concept of pyramid-as mountains that define a universe where human beings coexisted with their environment. It is also an exceptional place of cosmological connotations and was considered to have been a "stage" for theatrical representations.

Criterion (iii): Tikal National Park has unique elements that illustrate the historic, mythical and biographic data of the Tikal dynastic sequence. These exceptional records span over 577 years (292 b. C. to 869 a. D.) and register the lives of 33 rulers who reigned over a vast territory of the ancient Maya world. The earliest stone sculpture is Stela 29 dated to the year 292 and the last monument sculptured is Stela 11 dated to the year 869.

Criterion (iv): The archaeological remains at Tikal National Park reflect the cultural evolution of Mayan society from hunter-gathering to farming, with an elaborate religious, artistic and scientific culture. The most representative remains show different stages and degrees of evolution in terms of architectural development related to religious activities and ceremonies. They also exemplify the political, social and economic organization achieved, as expressed by the urban layout its palaces, temples, ceremonial platforms, and residential areas and the wealth of monuments decorated with hieroglyphic inscriptions.

Criterion (ix): The landscape mosaic comprising savannas, lush forests, wetlands and various freshwater systems is part of the Maya Forest, one of the conservation gems of Central America, hosting a rich diversity of flora and fauna as a result of a remarkable evolution of species and ecological communities. The seemingly pristine ecosystems represent an impressive natural recovery after historic conversion and intensive land and resource use during the many centuries as one of the centres of the Mayan civilisation. The ongoing biological and ecological processes are supported and protected by the large scale of the Maya Forest, and particularly its many conservation areas.

Criterion (x): The Petén Region and the Maya Forest are home to an impressive diversity of flora and fauna across its various terrestrial and freshwater habitats. More than 2000 higher plants, including 200 tree species have been inventoried. Palms, epiphytes, orchids and bromeliads abound in the various forest types. The more than 100 mammals include over 60 species of bat, five species of felids - Jaguar, Puma, Ocelot, Margay and Jaguarundi, as well as Mantled Howler Monkey and many endangered species such as Yucatan Spider Monkey and Baird's Tapir. The more than 330 recorded bird species include the near-threatened Ocellated Turkey, Crested Eagle and Ornate Hawk-Eagle, as well as the vulnerable Great Curassow. Of the more than 100 reptiles the endangered Central American River Turtle, Morelet's Crocodile and 38 species of snakes stand out. In addition to 25 known amphibian species, there is a noteworthy fish fauna and a great diversity of invertebrates. The property is also known for wild varieties of several important agricultural plants.

Integrity

The 57,600 hectares protected as a national park provide an umbrella for the conservation of the magnificent archaeological remains of a major centre of the Maya civilisation. Even though the boundaries of the National Park, identical to the property in its extension, have been defined primarily based on the location of the main

archaeological features, they cover a notable array of highly valuable habitat for countless species of flora and fauna. Since the days of the nomination of the property, there have been intentions to consider additional adjacent forest areas to be covered by a possible extension of the property, which would no doubt consolidate the integrity of the property from a nature conservation perspective. This extension would also be crucial to ensure the protection of archaeological remains which are currently outside the property's boundaries and which are essential attributes to the understanding of the long-term evolution of Tikal as a whole. In addition, even though the boundaries of the properties include all the cultural attributes necessary to express its outstanding universal value, several factors have contributed to the erosion of the material integrity of the property. Among these, weathering and illegal looting practices are critical issues that need to be addressed comprehensively. There are significant technical and material challenges in preserving the vast amounts of remains in a wet, tropical climate, so sustained and holistic measures are needed to ensure the long-term conservation of a large part of the cultural heritage present at the property.

Authenticity

The conditions of authenticity at Tikal National Park have been largely maintained in the property in terms of location and setting as the surroundings of the site have been retained. In terms of form and design, the historical integration of architecture with the geographic setting is still evident and the urban layout is still clearly discernible. There are significant archaeological elements that remain untouched until today which provide evidence of the authentic materials and construction techniques. Notwithstanding, in the past there were a large number of conservation and restoration projects at the main architectural complexes which eroded to a certain degree the authenticity of the remains given the extent of the restoration interventions and the materials used for the interventions. On-going conservation practices have focused largely on addressing the effects of natural factors, such as weathering and vegetation growth, as well as human ones including looting. A stronger emphasis has been placed on carrying out interventions which maintain the qualities of the original materials and techniques. These practices will need to be sustained to ensure the material integrity of the remains but avoiding large restoration projects, so there is minimal impact on the conditions of authenticity. To continue with traditional construction practices, the use of locally available material, of traditional knowledge systems and of skilled craftsmanship will also be important. Another factor that can potential hinder the authenticity of the property is related to the pressures derived from touristic use, which will entail the development and enforcement of strong protection and regulatory measures in terms of development of facilities and infrastructure to maintain the authenticity of the setting.

Protection and management requirements

Tikal was declared a national monument in 1931 and a national park in 1955, one of Guatemala's first protected areas. Two years later, the boundaries and regulations were refined. More recently, in 1990, the vast Maya Forest Biosphere Reserve was recognised by UNESCO with the property being one of several core zones. This provides an opportunity to address the management and conservation of the Guatemalan part of the Maya Forest and its extraordinary cultural heritage at a landscape level, provided that the good intentions are followed up by adequate political support, funding, staffing and effective management. To the degree possible, cooperation with the neighbouring countries of Belize and Mexico is also highly desirable; both have established important conservation areas in their respective parts of the forest region. Management and conservation is strategically guided by a Master Plan. One challenge is to coordinate the involved sectors and to integrate the needs for cultural and natural heritage in one document, approach and process. An administrator and a technical team are in charge of the management which focuses on archaeology, nature conservation, environmental education, community relationships and public use. Armed guards are in charge of law enforcement, jointly with a specialised tourism police force.

Looting of archaeological remains has been occurring in the property, indicating a need for stronger control and enforcement of legislative and regulatory measures. This need appears to be even stronger when it comes to natural values, as a much larger and more remote area is concerned. The strong population increase in this part of Guatemala in recent decades in a rural resource-dependent setting inevitably creates challenges. Villages and farmland are closing in on the property, in particular near the Southern border. The rich and diverse forest resources have always been strongly used by local communities. Gathering, hunting and fishing are common activities, as is livestock keeping and associated burning of grazing areas. Ongoing negotiation is needed between the site managers, other governmental institutions and local communities to find mutually acceptable forms of natural resource management. Tourism, modest at the time of inscription, has reached a level of mass tourism during seasonal peaks with annual visitor numbers in the hundreds of thousands. Tourism is a major management issue risking serious damage to the most visited sites. Concrete impacts include problems with solid waste and wastewater, as well as impacts on the archaeological remains from physical erosion and vandalism, requiring careful assessments and management responses. At the same time, tourism is a significant factor in the local economy with a major potential to contribute to education and conservation funding, complementing governmental budgets and external support from research and conservation institutions.

C. CULTURAL PROPERTIES / BIENS CULTURELS

C.1 ASIA AND THE PACIFIC/ASIE ET PACIFIQUE

State Party: Property	Japan: Gusuku Sites and Related Properties of the Kingdom of Ryukyu
Id. N°	972
Date of inscription	2000

Brief Synthesis

Five hundred years of Ryukyuan history (12th-17th centuries) are represented by this group of sites and monuments.

The nine component parts of the property include the sites and archaeological ruins of two stone monuments, five castles, and two cultural landscapes. They are scattered across Okinawa Island, collectively covering 54.9 ha. The surrounding buffer zone covers a total area of 559.7 ha.

In the 10th-12th centuries, Ryukyuan farming communities (*gusuku*) began to enclose their villages with simple stone walls for protection. From the 12th century onwards powerful groups known as *aji* began to emerge. They enlarged the defences of their own settlements, converting them into fortresses for their own households; these adopted the term *gusuku* to describe these formidable castles.

The castle ruins of the Gusuku sites on imposing elevated locations,, are evidence for the social structure over much of that period, while the sacred sites provide mute testimony to the rare survival of an ancient form of religion into the modern age. The wide-ranging economic and cultural contacts of the Ryukyu Islands over that period gave rise to a unique culture.

Criterion (ii): For several centuries the Ryukyu islands served as a centre of economic and cultural interchange between south-east Asia, China, Korea, and Japan, and this is vividly demonstrated by the surviving monuments.

Criterion (iii): The culture of the Ryukyuan Kingdom evolved and flourished in a special political and economic environment, which gave its culture a unique quality.

Criterion (vi): The Ryukyu sacred sites constitute an exceptional example of an indigenous form of nature and ancestor worship that has survived intact into the modern age alongside other established world religions.

Integrity

In Ryukyu there remain more than three hundred Gusuku sites and related assets, of which five Gusuku sites, two related monuments, and two cultural landscapes are included as component parts of the property. Each of the individual component parts of the property is an outstanding representative of the religious beliefs and activities unique to the Ryukyu cultural tradition. Moreover, they are self contained with their own boundaries and buffer zone. They embody not only the geographical and historical characteristics but also the political, economic, and cultural uniqueness of the kingdom's five hundred years' regime. They firmly maintain the top-quality wholeness and integrity of the property.

Authenticity

The entire region suffered considerable damage during the Second World War and reconstruction work has taken place on many of the component parts. In Japan the authenticity of the form/design and materials/substance of each part of the property remains at a very high level, as they have been rehabilitated and restored under strict rules for more than one hundred years. Authenticity of location/setting has been maintained in that none of the component parts of the property has been moved from its original location and traces of buildings discovered through archeological excavations have been preserved underground. Extensive measures have been taken to make it possible to differentiate original materials from those used for rehabilitation and restoration, while sufficient care has been taken in the course of choosing materials. In the immediate aftermath of the Second World War, there were some cases of using improper materials, but adequate steps have been taken to replace these with proper materials or to establish clear distinctions between proper and improper materials. All the projects for such procedures are based on detailed surveys and research conducted in advance.

The main hall of Shuri-Castle was restored not only on the basis of the surveyed plans and photographs of the actual architecture as it was seen before its destruction by the wartime fire, but also in strict accordance with the findings of the excavation covering a wide area. The exact replica of the lost structure is now a great monument symbolizing the pride of the Ryukyu people.

Shikinaen was restored utilizing similar procedures, the royal villa and garden being recreated with great precision. The underground structural remains were excavated and documented with the utmost care and, when necessary, covered by layers of innocuous earth or sand in order to facilitate differentiation from the structure restored on the original site, thus protecting the existing remains from the work of restoration and rehabilitation while preserving them in good condition.

With respect to craftsmen's skill, a high level and homogeneous authenticity is properly maintained and their traditional techniques are applied to all projects for restoration, rehabilitation and preservation on an extensive scale.

As described above, the property retains a high level of authenticity in terms of form/design, materials/substance, traditions/techniques, location/setting, function and spirit.

Protection and management requirements

Each component part of the property is designated as an Important Cultural Property, a Historic Site or a Special Place of Scenic Beauty under the 1950 Law for the Protection of Cultural Properties and subjected to strict preservation and management.

The component parts of the property are owned either by the Government of Japan as a nation, a wide range of municipalities or, in some cases, particular private persons. Seifa-Utaki and Zakimi Castle are owned by the respective municipalities where they are located. Nakijin-Castle, Katsuren-Castle and Nakagusuku-Castle are publicly owned for the most part except for a small portion under private ownership. Shuri-Castle is a joint property of Japan and Okinawa Prefecture. Tamaudun is jointly owned by Okinawa Prefecture and Naha City. Sonohyan-Utaki-Ishimon and Shikinaen are owned by Naha City.

The Agency for Cultural Affairs is the agency with management authority responsibilities for preservation, repairs and utilization of those component parts are assumed by the respective owners and administrators. The Government of Japan and Okinawa Prefecture are authorized to provide necessary financial and technical assistance.

The Okinawa Prefecture is in the process of establishing itself as an internationally resort area promoting the unique natural setting and cultural tradition but the various development plans provide for the protection of the property's component parts. In the buffer zones separating the individual component parts of the property, the height, design, coloring and other factors are also restricted according to the ordinances of the respective municipalities. In addition, almost all such buffer zones are included in the municipalities' city park, which have been or are about to be put into effect with a view to improving the environments of the component parts and promoting exhibition to the public. Individual management plans are in place for the Nakijin-jō site, Nakagusuku-jō site and Katsuren-jō site, however an overall management plan for the entire inscribed property is still lacking. Therefore, the Comprehensive Management Plan was established in 2013 by Okinawa Prefecture in cooperation with the municipal governments concerned, in order to ensure the long term conservation and protection of the property.

State Party: Property	Japan: Historic Monuments of Ancient Nara
Id. N°	870
Date of inscription	1998

Brief Synthesis

The Historic Monuments of Ancient Nara bear exceptional witness to the evolution of Japanese architecture and art and vividly illustrate a critical period in the cultural and political development of Japan, when Nara functioned as its capital from 710 to 784. During this period, the framework of national government was consolidated and Nara enjoyed great prosperity, emerging as the fountainhead of Japanese culture.

Located in the modern city of Nara, the property includes eight component parts composed of seventy-eight different buildings covering 617.0 ha, which is surrounded by a buffer zone (1,962.5 ha) and the "historic environment harmonization area (539.0 ha)".

The site of Heijō-kyō was carefully selected in accordance with Chinese geomantic principles. A grand city plan, based on Chinese examples such as Chang'an, was laid out, with palaces, Buddhist temples, Shinto shrines, public buildings, houses, and roads on an orthogonal grid. The palace itself, located at the northern end of the central avenue, occupied 120 ha. It comprised the official buildings where political and religious ceremonies took place, notably the Daigokuden (imperial audience hall) and Chōdō-in (state halls), and the imperial residence (Dairi), together with various compounds for administrative and other purposes.

The component parts include an archaeological site (the Nara Palace Site), five Buddhist temples (the Tōdai-ji, the Kōfuku-ji, the Yakushi-ji, the Gangō-ji and the Tōshōdai-ji), a Shinto shrine (the Kasuga-Taisha) and an associative cultural landscape (the Kasugayama Primeval Forest), the natural environment which is an integral part of all Shinto shrines. Together, these places provide a vivid and comprehensive picture of religion and life in the Japanese capital in the 8th century, a period of profound political and cultural change.

Criterion (ii): The historic monuments of Ancient Nara bear exceptional witness to the evolution of Japanese architecture and art as a result of cultural links with China and Korea which were to have a profound influence on future developments.

Criterion (iii): The flowering of Japanese culture during the period when Nara was the capital is uniquely demonstrated by its architectural heritage.

Criterion (iv): The layout of the Imperial Palace and the design of the surviving monuments in Nara are outstanding examples of the architecture and planning of early Asian capital cities.

Criterion (vi): The Buddhist temples and Shinto shrines of Nara demonstrate the continuing spiritual power and influence of these religions in an exceptional manner.

Integrity

Historic Monuments of Ancient Nara include the group of buildings of the Buddhist temples representing this historic city, the harmonious cultural landscape of the sacred forest and the Shinto shrine, demonstrating traditional worship in Japan, and an archaeological site. These essential component parts of the property illustrate Japanese political structure and cultural tradition in the 8th century. Each component part has an adequate buffer zone, and thus the integrity of the property is ensured in the contexts of both wholeness and intactness.

Since the World Heritage Committee expressed concern in 2003 about the negative impact on the buried cultural resources at Nara Palace Site caused by changing groundwater levels due to the Yamato-Kita Road highway construction, government intervention and monitoring has been ongoing. The State Party is currently addressing the visual impact of the planned new visitor facilities at Nara Palace site.

Authenticity

Restoration work on the buildings of ancient Nara began in the late 19th century after the enactment of the Ancient Shrines and Temples Preservation Law (1897). The Kasuga-Taisha Shinto shrine has maintained its tradition of routine reconstruction.

The level of authenticity of the various buildings on the property is high from the view of form and design, materials and substance, traditions and techniques, and location and setting. Japanese conservation principles have ensured that replacement of damaged or degraded architectural elements has respected the materials and techniques used by the original builders. The archaeological site of the Nara Palace Site, protected for a long period under cultivated rice fields, has also a high level of authenticity in form, materials and substance, and location and setting. Unearthed archaeological remains have been reburied for protection.

There has been some reconstruction of the gate, the study hall, and the garden at the Nara Palace Site. The continuity of traditional architecture in Japan and the substantial amount of data recovered by archaeological excavation has ensured that the reconstructed buildings have a high level of authenticity in form and design. The State Party is currently addressing how to best maintain that continuity in ongoing reconstruction work emphasizing the need for a clear rationale and justification for all interventions.

The Kasugayama Primeval Forest has been preserved as a sacred forest where no hunting or tree-felling has been permitted since 841. Thus it retains a high level of authenticity in location and setting, and spirit and feeling.

Protection and management requirements

All the component parts are designated as National Treasures, a Special Natural Monument, a Special Site, and etc. under the 1950 Law for the Protection of Cultural Properties.

The places of worship (the Buddhist temples and the Shinto shrine) are owned by their respective religious communities, and the state of conservation is strong. Nara Prefecture has the responsibility of managing and protecting the Kasugayama Primeval Forest, and the Nara Palace Site has been maintained in collaboration with the Japanese government and Nara Prefecture. In particular, the Nara Palace Site and its buffer zone have been parts of a National Government Park since 2008, and maintenance projects are continuously planned with the aim of appropriately protecting and utilizing the archaeological site.

There are clearly defined and adequate buffer zones around all the component parts. These are provided for in the 1950 Law for the Protection of Cultural Properties, the Ancient Capitals Preservation Act, and various prefectural and municipal regulations.

There is no overall conservation and management plan for the property as a whole, although each component part is the object of a conservation and maintenance survey program that includes restoration activities. To ensure the long-term conservation and protection, management and conservation policies will need to be developed.

State Party: Property	Japan: Historic Villages of Shirakawa-go and Gokayama
Id. N°	734
Date of inscription	1995

Brief Synthesis

The Gassho-style houses found in the Historic Villages of Shirakawa-go and Gokayama are rare examples of their kind in Japan. Located in a river valley surrounded by the rugged high-mountain Chubu region of central Japan, these three villages were remote and isolated, and access to the area was difficult for a long period of time. The inscribed property comprises the villages of "Ogimachi" in the Shirakawa-go region, and "Ainokura" and "Suganuma" in the Gokayama region, all situated along the Sho River in Gifu and Toyama Prefectures. In response to the geographical and social background, a specific housing type evolved: rare examples of Gassho-style houses, a unique farmhouse style that makes use of highly rational structural systems evolved to adapt to the natural environment and site-specific social and economic circumstances in particular the cultivation of mulberry trees and the rearing of silkworms. The large houses have steeply-pitched thatched roofs and have been preserved in groups, many with their original outbuildings which permit the associated landscapes to remain intact.

Criterion (iv): The Historic Villages of Shirakawa-go and Gokayama are outstanding examples of traditional human settlements that are perfectly adapted to their environment and their social and economic *raison d'être*.

Criterion (v): It is of considerable significance that the social structure of these villages, of which their layouts are the material manifestation, has survived despite the drastic economic changes in Japan since 1950. As a result they preserve both the spiritual and the material evidence of their long history.

Integrity

Ogimachi, Ainokura, and Suganuma are rare examples of villages in which Gassho-style houses are preserved at their original locations and in groups, as they developed in the area along the Sho River. Although since the Second World War there has been a reduction in the number of Gassho-style houses in each village, the inscribed property includes clusters of all the remaining Gassho-style houses which allows each village to retain its traditional appearance and character. Moreover, there has been no significant change to the system of roads and canals and traditional land-use patterns including trees and forest, and agricultural land.

The detrimental effects on the scenic landscape of a major highway construction less than one kilometre from Ogimachi and Suganuma has been reduced with plantings along the roadside and embankments, controls on bridge design and other protections for the view from Ogimachi Village.

The integrity of the property, therefore, is ensured in the contexts of both wholeness and intactness.

Authenticity

The three settlements constitute important historical evidence in and of themselves. The villages have existed since the 11th century and each has a strong sense of community. Traditional social systems and lifestyle customs have sustained the Gassho-style houses and their associated historic environments. From the viewpoints of setting, function, and traditional management systems, the level of authenticity is high.

While the conventional collaboration efforts by residents have functioned to maintain thatched roofs in good conditions, long-established Japanese restoration practices and principles are applied in cases in which deterioration necessitates major conservation work. Special attention is paid to the use of traditional materials and techniques, and the use of new materials is rigorously controlled. In view of the standardized modular construction of similar types of traditional wooden structures, reconstruction and replacement involve a minimum amount of conjecture. The Gassho-style houses retain their authenticity from the perspective of form and design, as well as materials and substance.

Protection and management requirements

Each of the three villages – Ogimachi, Ainokura, and Suganuma – is classified as an Important Preservation District for Groups of Historic Buildings under the 1950 Law for the Protection of Cultural Properties. This classification requires, *inter alia*, the preparation of municipal ordinances and preservation plans for protection, restrictions on activities that may alter the existing landscape, authorization procedures, and the provision of subsidies for approved actions. Ainokura and Suganuma are also designated as Historic Sites under the 1950 Law, and proposed alterations to the existing state must be approved by the national government. In addition, a conventional collaboration system for maintaining Gassho-style houses has been retained by the residents.

There are double buffer zones around each of the villages; an individual buffer zone surrounds each nominated property and a larger buffer zone that contains all three villages. Development pressures throughout the entire village of Ogimachi are controlled by the 2008 Shirakawa Village Landscape Ordinance, which was developed under the 2004 Landscape Law to reinforce the former 1973 Shirakawa Village Ordinance for the Natural Environment. Shirakawa Village must be notified of any proposed large-scale project, in order to confirm that the proposed work will fit in with the character of the historic and natural environment. Under the same ordinance, stricter regulations are imposed on the area immediately surrounding the World Heritage property of Ogimachi (471.5 ha).

The buffer zones immediately surrounding Ainokura, and Suganuma are protected as Historic Sites as mentioned above and as Gokayama Prefectural Natural Park under the Toyama Prefectural Natural Parks Regulations. In addition, further protection is provided under municipal ordinances implemented by Nanto City. All of these regulations and ordinances impose considerable constraints on any kind of activity that might be deemed harmful.

Overall responsibility for the protection of the property rests with the Agency for Cultural Affairs of the Government of Japan. The associated bodies include the Ministry of the Environment, the Ministry of Agriculture, Forestry and Fisheries (including the Forestry Agency), the Ministry of Land, Infrastructure, Transport and Tourism, Gifu Prefecture, Toyama Prefecture, Shirakawa Village, and Nanto City.

Direct management of individual buildings is the responsibility of their owners, and all work is supervised as prescribed in the Preservation Plans. Routine repair work has always been carried out by the owners, and often through conventional collaborative efforts by communities, using traditional techniques and materials. The local and national governments provide both financial assistance and technical guidance.

As fire is a major hazard for the property, elaborate fire-extinguishing systems have been installed in all three village zones. Fire-fighting squads of residents are also organized.

State Party: Property	Japan: Hiroshima Peace Memorial (Genbaku Dome)
Id. N°	775
Date of inscription	1996

Brief Synthesis

The Hiroshima Peace Memorial (Genbaku Dome) is the only structure left standing near the hypocenter of the first atomic bomb which exploded on 6 August 1945, and it remains in the condition right after the explosion. Through the efforts of many people, including those of the city of Hiroshima, this ruin has been preserved in the same state as immediately after the bombing. Not only is it a stark and powerful symbol of the most destructive force ever created by humankind, it also expresses the hope for world peace and the ultimate elimination of all nuclear weapons. The inscribed property covers 0.40 ha in the urban centre of Hiroshima and consists of the surviving Genbaku Dome ("Genbaku" means atomic bomb in Japanese) within the ruins of the building. The 42.7 ha buffer zone that surrounds the property includes the Peace Memorial Park.

The most important meaning of the surviving structure of the Hiroshima Peace Memorial is in what it symbolizes, rather than just its aesthetic and architectural values. This silent structure is the skeletal form of the surviving remains of the Hiroshima Prefectural Industrial Promotional Hall (constructed in 1914). It symbolizes the tremendous destructive power, which humankind can invent on the one hand; on the other hand, it also reminds us of the hope for world permanent peace.

Criterion (vi): The Hiroshima Peace Memorial (Genbaku Dome) is a stark and powerful symbol of the achievement of world peace for more than half a century following the unleashing of the most destructive force ever created by humankind.

Integrity

The Hiroshima Peace Memorial (Genbaku Dome) has been preserved as a ruin. It is all that remains of the Hiroshima Prefectural Industrial Promotional Hall 'Hiroshima-ken Sangyo Shoreikan' after the 1945 nuclear bomb blast. Inside the property, all the structural elements of the building remain in the same state as immediately after the bombing, and are well preserved. The property can be observed from the outside of the periphery fences and its external and internal integrity is well maintained. The buffer zone, including Hiroshima Peace Memorial Park, is defined both as a place for prayer for the atomic bomb victims as well as for permanent world peace.

Authenticity

In the last three conservation projects (1967, 1989-1990 and 2002-2003), minimum reinforcement with steel and synthetic resin was used in order to preserve the condition of the dome as it was after the atomic bomb attack.

The Hiroshima Peace Memorial (Genbaku Dome) stands in its original location and its form, design, materials, substance, location, and setting are all completely authentic. It also maintains its functional and spiritual authenticity as a place for prayer for world peace and the ultimate elimination of all nuclear weapons.

Protection and management requirements

The Hiroshima Peace Memorial (Genbaku Dome) is designated as a historic site under Japanese 1950 Law for the Protection of Cultural Properties, and is managed by Hiroshima City under the guidance by the Hiroshima Prefectural Government and the Government of Japan. Financial and technical support is available from the Government of Japan. The park management office of Hiroshima City is located inside the Hiroshima Peace Memorial Park, and daily maintenance is conducted in cooperation with the division in charge of protecting cultural properties. Hiroshima City also conducts a detailed survey of its condition once every three years. A city beautification plan was developed by Hiroshima City that calls for this area to remain an attractive space appropriate to a symbol of the International Peace Culture City. Based on this beautification plan, landscape management standards seek to implement consultation for building height and alignment, as well as wall colors, materials and advertisement boards in the vicinity of the Hiroshima Peace Memorial Park included within the buffer zone. The protection of Peace Memorial Park was enhanced in 2007 with its designation as a Place for Scenic Beauty under the 1950 Law for the Protection of Cultural Properties.

State Party: Property	Viet Nam: Hoi An Ancient Town
Id. N°	948
Date of inscription	1999

Brief Synthesis

Hoi An Ancient town is located in Viet Nam's central Quang Nam Province, on the north bank near the mouth of the Thu Bon River. The inscribed property comprises 30 ha and it has a buffer zone of 280 ha. It is an exceptionally well-preserved example of a small-scale trading port active the 15th to 19th centuries which traded widely, both with the countries of Southeast and East Asia and with the rest of the world. Its decline in the later 19th century ensured that it has retained its traditional urban tissue to a remarkable degree.

The town reflects a fusion of indigenous and foreign cultures (principally Chinese and Japanese with later European influences) that combined to produce this unique survival.

The town comprises a well-preserved complex of 1,107 timber frame buildings, with brick or wooden walls, which include architectural monuments, commercial and domestic vernacular structures, notably an open market and a ferry quay, and religious buildings such as pagodas and family cult houses. The houses are tiled and the wooden components are carved with traditional motifs. They are arranged side-by-side in tight, unbroken rows along narrow pedestrian streets. There is also the fine wooden Japanese bridge, with a pagoda on it, dating from the 18th century. The original street plan, which developed as the town became a port, remains. It comprises a grid of streets with one axis parallel to the river and the other axis of streets and alleys set at right angles to it. Typically, the buildings front the streets for convenient customer access while the backs of the buildings open to the river allowing easy loading and off-loading of goods from boats.

The surviving wooden structures and street plan are original and intact and together present a traditional townscape of the 17th and 18th centuries, the survival of which is unique in the region. The town continues to this day to be occupied and function as a trading port and centre of commerce. The living heritage reflecting the diverse communities of the indigenous inhabitants of the town, as well as foreigners, has also been preserved and continues to be passed on. Hoi An Ancient Town remains an exceptionally well-preserved example of a Far Eastern port.

Criterion (ii): Hoi An is an outstanding material manifestation of the fusion of cultures over time in an international commercial port.

Criterion (v): Hoi An is an exceptionally well-preserved example of a traditional Asian trading port.

Integrity

Hoi An Ancient Town has retained its original form and function as an outstanding example of a well-preserved traditional South East Asian trading port and commercial centre. It remains complete as a homogenous complex of traditional wooden buildings, with the original organically developed street plan, within the town's original river/seacoast setting.

These original cultural and historic features demonstrate the town's outstanding universal value and are present, well-preserved, and evident within the boundary of the inscribed property, even while it continues to be occupied and function as a trading port, as well as a popular tourism destination. As a result of this economic stagnation since the 19th century, it has not suffered from development and there has not been pressure to replace the older

wooden buildings with new ones in modern materials. This has ensured that the town has retained its traditional urban tissue and is preserved in a remarkably intact state.

Authenticity

Hoi An Ancient Town has retained its traditional wooden architecture and townscape in terms of plot size, materials, façade and roof line. Its original street plan, with buildings backing on to the river, with its infrastructure of quays, canals and bridges in its original setting, also remains. The historic landscape setting is also intact, consisting of a coastal environment of river, seashore, dunes and islands.

Because most of the buildings were constructed in wood it is necessary for them to be repaired at intervals, and so many buildings with basic structures from the 17th and 18th centuries were renewed in the 19th century, using traditional methods of repair. There is currently no pressure to replace older buildings with new ones in modern materials such as concrete and corrugated iron.

Protection and management requirements

Hoi An Ancient Town was classified as a National Cultural Heritage Site in 1985 and subsequently as a Special National Cultural Heritage Site under the Cultural Heritage Law of 2001 amended in 2009. The entire town is State property and is effectively protected by a number of relevant national laws and governmental decisions, such as: the Cultural Heritage Law (2001, amended 2009) and the Tourism Law (2005). The 1997 Hoi An Town Statute defines in regulations that are implemented by the Hoi An Center for Monuments Management and Preservation, the responsible agency of the People's Committee for the management of the property. Day-to-day management involves collaboration with various stakeholders, to maintain the authenticity and integrity of the property and to monitor socio-economic activities within and adjacent to the property. The capacity of the professional staff has been and continues to be developed by many domestic and international training courses. Revenue from entrance tickets is invested directly in the management, preservation and promotion of the property. Management and preservation are further strengthened through master planning and action plans at the local level. There are also regular restoration and conservation programmes.

Multi-disciplinary research conducted by teams of international and national scholars has informed the conservation and interpretation of the town's heritage. This research is on-going. Within the property boundary, the landscape, the townscape, the architecture and all material cultural artifacts are preserved.

A Management Plan was implemented at the time of nomination of the property, and is being kept up to date and reviewed as required by UNESCO to ensure that it remains effective.

The buffer zone is managed to protect the property from external threats. The potential adverse effects to the property caused by annual flooding and urbanization are being effectively controlled with the active participation of all authorities and the local community.

The Master Plan for the Hoi An Ancient town conservation, restoration and promotion together with the city and tourism development was approved by Prime Minister on 12 January 2012, covered the period until 2025.

Long-term management should aim to promote improvement in the living conditions for local residents. As tourism increases a strategy to manage it within the parameters of the site will be required. Strategies to deal with adverse effects of the climate are being developed and should be included in the Management Plan.

In the future, it is an aim to link the Hoi An Ancient Town with the adjacent UNESCO Cu Lao Cham Biosphere Reserve and to build Hoi An into a community integrating ecology, culture and tourism.

State Party: Property	Viet Nam: Complex of Huế Monuments
Id. N°	678
Date of inscription	1993

Brief Synthesis

The Complex of Hue Monuments is located in and around Hue City in Thua Thien-Hue Province in the geographical centre of Vietnam and with easy access to the sea. Established as the capital of unified Vietnam in 1802 CE, Hue was not only the political but also the cultural and religious centre under the Nguyen Dynasty, the last royal dynasty of Vietnamese history, from 1802 to 1945 CE.

The plan of the new capital is in accordance with ancient oriental philosophy, and respected the physical conditions of the site.

The Ngu Binh Mountain (known as the Royal Screen) and the Perfume River, which runs through the city, give this unique feudal capital an entire setting of great natural beauty as well defining its symbolic importance. The

site was chosen for a combination of natural features – hills representing a protective screen in front of the monuments or taking the role of “a blue dragon” to the left and “a white tiger” to the right – which shield the main entrance and prevent the entry of malevolent spirits. Within this landscape, the main features of the city are laid out.

The structures of the Complex of Hue Monuments are carefully placed within the natural setting of the site and aligned cosmologically with the Five Cardinal Points (centre, west, east, north, south), the Five Elements (earth, metal, wood, water, fire), and the Five Colours (yellow, white, blue, black, red).

The central structure is the Hue Citadel area which was the administrative centre of southern Viet Nam during the 17th and 18th centuries CE. Within the Hue Citadel were located not only administrative and military functions of the Empire, but also the Imperial Residence, the Hoang Thanh (Imperial City), the Tu Cam Thanh (Forbidden Purple City) and related royal palaces.

Tran Binh Dai, an additional defensive work in the north-east corner of the Capital City, was designed to control movement on the river. Another fortress, Tran Hai Thanh, was constructed a little later to protect the capital against assault from the sea.

Outside the Capital City there are several associated monuments of importance. In the outlying areas were located important ritual sites related to the spiritual life of the dynasty such as the Van Mieu (Temple of Literature), the Dan Nam Giao (Esplanade of Sacrifice to the Heaven and Earth), the Ho Quyen (Royal Area), the Den Voi Re (Temple of the Roaring Elephant), and the Chua Thien Mu (Celestial Lady Pagoda). Further upstream, arranged along the Perfume River were the tombs of the dynasty's emperors.

The Complex of Hue Monuments is a remarkable example of the planning and construction of a complete defended capital city in a relatively short period in the early years of the 19th century CE. The integrity of the town layout and building design make it an exceptional specimen of late feudal urban planning in East Asia.

Criterion (iv): The Complex of Hue Monuments is an outstanding example of an eastern feudal capital.

Integrity

The Complex of Hue Monuments site has suffered from the effects of 3 wars, as well as modern development and expanding human settlements. Nevertheless the complex of monuments within its landscape setting remains sufficiently well preserved as a whole, or recorded, to demonstrate that the overall integrity of the site has been maintained.

All the key elements of monumental arts, and town planning, that are necessary to express the value for which the site is inscribed on the World Heritage List are included within the well-protected boundaries of the property and its buffer zone. However the wider landscape setting of the property, its relationship with the natural landscape and the other temples and tombs along the Perfume River associated with the monuments within the property, are not included within either boundaries.

Authenticity

The authenticity of the Complex of Hue Monuments may be understood through the unique layout of the design of the site, which became the imperial capital of the Vietnam Empire in the 19th and early 20th centuries. The basic architectural and landscape features of the site have been maintained intact since their original construction in the early 19th century CE.

The natural setting of the Perfume River, within which the citadel, temples and tombs have been laid out in accordance with geomantic principles, demonstrates the symbolic meaning, beauty and significance of the site. The original plan within this setting remains evident. However some of the attributes that allow the understanding of the wider relationship with the river are outside the boundary. The overall setting of the town within its landscape could be compromised by urbanization and development of infrastructure.

Although some of the structures are now in ruins, and most of the significant existing monuments have been partially restored, this has been carried out using traditional techniques and materials, according to international professional standards of conservation to ensure that the authenticity of the monuments has been maintained.

There continue to be concerns that threats from flooding, insect damage and inappropriate development within the site could affect its authenticity and the ability of the site to demonstrate its Outstanding Universal Value.

Protection and management requirements

The Complex of Hue Monuments is wholly owned by the Government of the Socialist Republic of Viet Nam. Guided by the 1972 Convention on the Protection of the World Cultural and Natural Heritage, the National Heritage Law (2001, revised in 2009), and a number of other provincial regulations and decisions, the Hue Monuments Conservation Centre, placed directly under the Thua Thien Hue Provincial People's Committee, is the institution responsible for the management of the complex and the protection of its outstanding universal value. Staffed by more than 700 people from many different professional backgrounds, this institution deals with all issues including zoning, research, tangible and intangible heritage preservation, traditional material reproduction,

visitor management, as well as the planning and protection of the landscape setting and associated features in the buffer zone and immediately surrounding area.

The Complex of Hue Monuments is given special attention in the Socio-Economic Development Master Plan of Thua Thien Hue Province, which provides direction for the conservation and restoration of the complex through 2020. In addition, an Adjusted Planning Framework for the Complex of Hue Monuments (2010-2020) was approved by the Prime Minister on 7 June 2010. This should control any further infrastructure projects that could impact on the property. The details of how this will protect the site should be explained in the Management Plan in preparation, which itself should be integrated into the regulatory framework for Hue (the Master Plan).

The completion of the Management Plan is a priority. The Plan should be based on the approved Statement of Outstanding Universal Value. Re-zoning of the protected area is being considered in order to control increasing urbanization and development of infrastructure.

It is important that the works needed to minimize the negative impact of noise and visual pollution on the Minh Mang and Khai Dinh tombs and to reduce the impact of the new highway are completed. Any remaining illegal buildings, within the site should be removed.

In addition to development, climate change and natural disasters are other potential problems for the long-term management of the property. To reduce the impact of recurrent floods, three dams are being constructed upstream along the Perfume River. In addition the traditional water network and drainage system within and around the Citadel will be restored, as a means to reduce the vulnerability of the World Heritage property and its inhabitants to the risk of flood, and to reconstitute the historic network of ponds and canals.

The level of tourism at the Hue Monuments is growing such that it needs to be managed so as not to exceed the capacity of the site. This issue should also be addressed in the Management Plan.

C.2 EUROPE AND NORTH AMERICA/EUROPE ET AMERIQUE DU NORD

State Party: Property	Albania: Butrint
Id. N°	570ter
Date of inscription	1992

Brief synthesis

Butrint, located in the south of Albania approximately 20km from the modern city of Saranda, has a special atmosphere created by a combination of archaeology, monuments and nature in the Mediterranean. With its hinterland it constitutes an exceptional cultural landscape, which has developed organically over many centuries. Butrint has escaped aggressive development of the type that has reduced the heritage value of most historic landscapes in the Mediterranean region. It constitutes a very rare combination of archaeology and nature. The property is a microcosm of Mediterranean history, with occupation dating from 50 000 BC, at its earliest evidence, up to the 19th century AD. Prehistoric sites have been identified within the nucleus of Butrint, the small hill surrounded by the waters of Lake Butrint and Vivari Channel, as well as in its wider territory. From 800 BC until the arrival of the Romans, Butrint was influenced by Greek culture, bearing elements of a "polis" and being settled by Chaonian tribes. In 44 BC Butrint became a Roman colony and expanded considerably on reclaimed marshland, primarily to the south across the Vivari Channel, where an aqueduct was built. In the 5th century AD Butrint became an Episcopal centre; it was fortified and substantial early Christian structures were built. After a period of abandonment, Butrint was reconstructed under Byzantine control in the 9th century. Butrint and its territory came under Angevin and then Venetian control in the 14th century. Several attacks by despots of Epirus and then later by Ottomans led to the strengthening and extension of the defensive works of Butrint. At the beginning of the 19th century, a new fortress was added to the defensive system of Butrint at the mouth of the Vivari Channel. It was built by Ali Pasha, an Albanian Ottoman ruler who controlled Butrint and the area until its final abandonment.

The fortifications bear testimony to the different stages of their construction from the time of the Greek colony until the Middle Ages. The most interesting ancient Greek monument is the theatre which is fairly well preserved. The major ruin from the paleo-Christian era is the baptistery, an ancient Roman monument adapted to the cultural needs of Christianity. Its floor has a beautiful mosaic decoration. The paleo-Christian basilica was rebuilt in the 9th century and the ruins are sufficiently well preserved to permit analysis of the structure (three naves with a transept and an exterior polygonal apse).

Criterion (iii): The evolution of the natural environment of Butrint led to the abandonment of the city at the end of the Middle Ages, with the result that this archaeological site provides valuable evidence of ancient and medieval civilizations on the territory of modern Albania.

Integrity

The property is of sufficient size (200 ha) to include a significant proportion of the attributes which express its Outstanding Universal Value. The buried archaeological sites, standing ruins and historic buildings are sufficiently intact. While the World Heritage property Butrint does not suffer significantly from adverse effects of development or neglect, there are vulnerabilities, such as increases in seasonal water levels, the need for better coordination of conservation works and archaeological excavations, vegetation growth, and structural instability of some monuments. There are also some pressures from modern development, including roads and urban expansion around the property. Nonetheless, Butrint still is an excellent case of preservation of ancient and medieval urban occupation. The surrounding landscape provides the context for the past urban change at Butrint.

Authenticity

The authenticity of the World Heritage property Butrint is related to its excellent preservation on a site where the changing human interaction with the environment can be observed in the surviving monuments, the below-ground archaeology and the surrounding landscape. The quality of the restoration and conservation work carried out since 1924 has been high. Later interventions have abided by contemporary standards as set out in the 1964 Venice Charter.

Protection and management requirements

Butrint National Park was inscribed on the National Heritage List of Protected Monuments in 1948. Currently, the protection and conservation of the archaeological monuments is covered by the Law on Cultural Heritage. The natural values of the Butrint Wetlands were recognized by the Ramsar Convention in 2002. In 2005, based on the Law on Protected Areas, Butrint was declared a National Park covering 86 km². The National Park acts as a buffer zone for the World Heritage property. The National Park, which has a Board chaired by the Minister of Culture and professional staff, is responsible for the management of the World Heritage property. The national Institute of Cultural Monuments and the Institute of Archaeology are responsible for all research, excavations and consolidation of architectural and archaeological remains.

Butrint manifests several vulnerable aspects. Potentially these vulnerabilities could threaten the integrity of the property in the long term. To avoid threats to integrity and authenticity, monitoring and controlling the vulnerabilities are crucial issues in the Management Plan of Butrint on Archaeology and Monuments. The Management Plan must be harmonized with other plans covering the property and the National Park.

State Party: Property	Armenia: Monastery of Geghard and the Upper Azat Valley
Id. N°	960
Date of inscription	2000

Brief synthesis

The monastery of Geghard and the Upper Azat Valley contains a number of churches and tombs, most of them cut into the living rock, which illustrate Armenian medieval architecture at its highest point. The complex of medieval buildings is set into a landscape of great natural beauty, at the entrance to the Azat Valley. High cliffs from the northern side surround the complex while the defensive wall encircles the rest.

The monuments included in the property are dated from the 4th to the 13th century. At the early period, the Monastery was called Ayrivank (Monastery in the Cave) because of its rock-cut construction. The monastery was founded, according to tradition by St. Gregory the Illuminator, and was built following the adoption of Christianity as a state religion in Armenia (beginning of the 4th century AD). The main architectural complex was completed in the 13th century AD and consists of the cathedral, the adjacent narthex, eastern and western rock-cut churches, the family tomb of Proshyan princes, Papak's and Ruzukan's tomb-chapel, as well as various cells and numerous rock-cut cross-stones (khachkars). The Kathoghikè (main church) is in the classic Armenian form, an equal-armed cross inscribed in a square in plan and covered with a dome on a square base, linked with the base by vaulting. The east arm of the cross terminates in an apse, the remainder being square. In the corners are small barrel-vaulted two-storey chapels. On the internal walls there are many inscriptions recording donations. The masonry of the external walls is particularly finely finished and fitted. A gavit (entrance hall) links it with the first rock-cut church.

The first rock-cut church was built before 1250, entirely dug into the rock and on an equal-armed cruciform plan. To the east, a roughly square chamber cut into the rock was one of the princely tombs (zhamatoun) of the

Proshyan Dynasty. This gives access to the second rock-cut church built in 1283. The second zhamatoun, reached by an external staircase, contains the tombs of the princes Merik and Grigor. A defensive wall encircled the monastery complex in the 12th to 13th centuries. Most of the monks lived in cells excavated into the rock-face outside the main defensive wall, which have been preserved, along with some simple oratories.

St. Astvatsatsin (Holy Mother of God) chapel is the most ancient preserved monument outside the ramparts and is located on the western side. It is partially hewed in the rock. There are engraved inscriptions on the walls, the earliest of which date back to 1177 and 1181 AD. Residential and economic constructions were built later, in the 17th century.

The monastery of Geghard is a renowned ecclesiastical and cultural centre of medieval Armenia, where a school, scriptorium, library and many rock-cut dwelling cells for clergymen could be found in addition to the religious constructions. Historians Mkhitar Ayrivanetsi, Simeon Ayrivanetsi, who lived and worked there in the 13th century, contributed to the development of the Armenian manuscript art. It was also renowned for the relics housed there. The most celebrated of these was the spear, which had wounded Christ on the Cross and was allegedly brought there by the Apostle Thaddeus, from which comes its present name, Geghardavank (the Monastery of the Spear). The spear was kept in the Monastery for 500 years. Relics of the Apostles Andrew and John were donated in the 12th century and pious visitors made numerous grants of land, money, and manuscripts over the succeeding centuries.

Criterion (ii): The Monastery of Geghard, with its remarkable rock-cut churches and tombs, is an exceptionally well preserved and complete example of medieval Armenian monastic architecture and decorative art, with many innovative features which had a profound influence on subsequent developments in the region.

Integrity

The Geghard complex is an exceptionally complete and well preserved example of a medieval monastic foundation in a remote area of great natural beauty. There have been no changes on the components of the inscribed property since the time of inscription. In addition, the property is surrounded by a substantial buffer zone, established in 1986, within which there are strict controls over any form of development and change.

However, its location in an active seismic zone, the pollution of the surrounding environment, the risk of rockslides, as well as the active tourism route are the main threats to the integrity of the site.

Authenticity

The Monastery of Geghard, with its remarkable rock-cut churches and tombs, is still preserved in its natural setting. The authenticity of the group is high, not least because the property has been in continuous use as a monastery for many centuries. All constructions included in the property, as well as the landscape, are not threatened in spite of restorations carried out during course of time. To meet conservation challenges, scientific research, renovation, fortification, design and preventive measures have been undertaken in order to ensure that authenticity is retained. Due to the passage of time, a part of the wall adjacent to the auxiliary construction collapsed and was renovated in 2006-2007, keeping the original materials. The designs for water isolation of the rock-hewn part and comprehensive interventions for Geghard Monastery were drafted in order to strengthen the complex.

Protection and management requirements

The property is under the ownership of the Armenian Apostolic Holy Church. Notwithstanding the ownership, the monuments are protected by the Law "On protection and usage of the historical and cultural immovable monuments and historical environment" of the Republic of Armenia, and by the regulation "On State registration, study, protection, fortification, restoration, reconstruction and usage of the historical and cultural immovable monuments". Additional articles exist also in Civil, Administrative, Land, and Criminal Codes of the Republic of Armenia for the protection of monuments.

The Ministry of Culture of Armenia, with its specialized units acting as authorized republican bodies, and the Armenian Apostolic Holy Church with its specialized units and the diocese as owner, as well as non-governmental, nature protection units and people interested in Armenian heritage conservation are engaged in the protection of the monastery complex.

Issues concerning conservation, rehabilitation and use of the sites are discussed at specialized councils formed by the Ministry of Culture of Armenia (methodological and architectural councils) and the Mother See of Holy Echmiadzin, where representatives of both sides are equally represented.

The Government of the Republic of Armenia enforces consistent policy to comprehensively study the technical condition of the component parts of the property. The Agency for the Protection of the Historical and Cultural Monuments of the Republic of Armenia is responsible for the maintenance and protection of the buffer zone on behalf of the national government.

The budget of the property is composed of allocations from the State budget, entrepreneurial activities and private donations.

State Party: Property	Austria: Semmering Railway
Id. N°	785
Date of inscription	1998

Brief synthesis

The Semmering Railway, constructed between 1848 and 1854 over 41 km of high mountains, is one of the greatest feats of civil engineering during the pioneering phase of railway building. Set against a spectacular mountain landscape, the railway line remains in use today thanks to the quality of its tunnels, viaducts, and other works, and has led to the construction of many recreational buildings along its tracks.

The property Semmering Railway begins at Gloggnitz station, at an altitude of 436 m, reaches its highest point after 29 km over the pass at 895 m above sea level, and ends 12 km further away at the Mürzzuschlag station, 677 m above sea level.

The line can be divided into four sections. The first runs from Gloggnitz to Payerbach stations, following the left-hand slopes of the Schwarza valley; the next section crosses the valley by taking the Schwarza viaduct to reach Eichberg Station, and the third section enters the Auerbach valley to continue through dense forest to Klamm-Schottwien station. After passing through the Klamm Tunnel, it reaches the Adlitzgraben and the Alpine terrain itself. After a series of tunnels and viaducts, the trains pass through the Weinzettelwand, the Krauselklause, and the Polleroswand, taking several tunnel sections. In the last and most dramatic section of the whole route, the two-storey curving viaduct goes over the Kalte Rinne, and after passing through the Wolfsberg and the Kartnerkogels, the train passes through the 1,431 m Semmering Tunnel before reaching Semmering station. It then descends gradually along the right-hand slope of the Roschnitz valley, through Stienhaus and Spital am Semmering, before arriving at Mürzzuschlag.

In total, the fourteen tunnels are 1,477 m long, nearly one-tenth of the entire line; coincidentally, the sixteen major viaducts also total 1,477 m in length. There are 118 smaller arched stone bridges and 11 iron bridges. Most of the portals of the tunnels are simple but monumental in design, and feature various kinds of ornamentations. Support structures are largely in stone, but brick was used for the arches of the viaducts and tunnel facings. The 57 two-storey attendants' houses, located at approximately 700 m intervals, are a very characteristic feature of the Semmering line and were built from coursed rubble masonry with brick trimmings. Little remains of the original stations, which were planned as no more than relay stations and watering points, but later became converted into more impressive structures as tourist traffic increased.

The appearance of the whole line changed significantly between 1957 and 1959, when electrical poles were erected to carry the contact wires required by electrical locomotives. The Semmering pass itself is well known for the 'summer architecture' of the villas and hotels, as it became one of the first purpose-built Alpine resorts in the decades following the opening of the railway line.

Criterion (ii): The Semmering Railway represents an outstanding technological solution to a major physical problem in the construction of early railways.

Criterion (iv): With the construction of the Semmering Railway, areas of great natural beauty became more easily accessible and as a result these were developed for residential as well recreational use, creating a new form of landscape.

Integrity

The inscribed property covers an area of 156 ha, with a buffer zone of 8,581 ha, and includes all attributes necessary to convey its Outstanding Universal Value. The railway line itself and the civil engineering works have been continuously in function since 1854, and the property's functional integrity has therefore been maintained. The continued operation of the line is a sound testimony to the engineering genius of Carl von Ghega, the project engineer. The property also derives its appearance from the villas and hotels constructed in its immediate vicinity in the late 19th and early 20th centuries, showing the impact of the railway line on the surrounding landscape. The turn-of-the-century architecture, harmoniously inserted into a rugged Alpine landscape, has also retained its integrity.

Authenticity

The authenticity of the route itself and of the remarkable civil engineering works that made this project possible is unquestionable. Although the appearance of the line has changed, especially since its electrification in the 1950s, the overall impact of the line on the landscape remains authentic. Given that the railway line has been in use continuously since its opening in 1854, specific items have worn out and been replaced, and methods for organising and operating railway lines have adapted to changing circumstances. However, since railways are by nature evolving socio-technical systems, continuity through change is an essential part of their identity, and these principles have been applied to preserve the property's authenticity.

Protection and management requirements

Management takes place at national, regional and local levels, and the property has revised and approved a detailed zoning plan that includes its buffer zone. It is protected at the Federal level since 1923 (Austrian Monument Protection Act, Federal Law Gazette No. 533/1923 and subsequent amendments). The property is also regulated by the "Convention Concerning the Protection of the World Cultural and Natural Heritage including the Austrian Declaration" (Federal Law Gazette No. 60/1993). The surrounding landscape is protected at provincial level and forms part of the Biosphere Reserve designation. A number of other specific laws regarding specific matters (such as water management and forest protection) also are in force. In addition, the property itself is managed by the Austrian Federal Railway Company, advised by an expert on railway preservation. Supervision and advice are provided by experts of the Federal Office for Protection of Historical Monuments. Funds are available from the Federal State of Austria as well as from the Provinces of Lower Austria and Styria.

A management plan has been in place since 2008. It has advisory status and plays a strategic role in guiding the decision-making processes, and it must be seen as a work in progress which requires systematic evaluation and review. Control and monitoring functions are also exerted through democratic participation of the public.

State Party: Property	Austria: Wachau Cultural Landscape
Id. N°	970
Date of inscription	2000

Brief synthesis

The Wachau is a stretch of the Danube located between Melk and Krems, which demonstrates high visual and landscape qualities. It showcases many intact and visible traces of its continuous, organic evolution since prehistoric times, be it in terms of architecture (monasteries, castles, ruins), urban design (towns and villages), or agricultural use (mainly for the cultivation of vines and apricot trees).

The clearing of the natural forest by local peoples began in the Neolithic period, although radical changes in the landscape did not take place until around 800, when the Bavarian and Salzburg monasteries began to cultivate the slopes of the Wachau, creating the present-day landscape pattern of vine terraces. In the centuries that followed, the acreage under cultivation fluctuated, under the influence of changes in climate and the wine market, acute labour shortages followed by wage increases in the 17th century. In the 18th century, hillside viticulture was actively promoted in ecologically optimal regions. The other areas were turned into pastures, which bore economic consequences such as the closing of some enterprises and the growth of others. It was at this time that viticulture was finally abandoned in the upper stretches of the Wachau, and the development of the countryside in the 19th century had particularly far-reaching consequences for the Wachau. The ratio of acreages used for viticulture or as orchards, which continues to be closely linked with fluctuations in the market for both kinds of products, lends the Wachau its characteristic appearance.

The basic layouts of Wachau towns date back to the 11th and 12th centuries. The development of the settlements with their homogeneous character becomes evident in the town structures, both in the fabric and arrangement of the houses on mostly irregular lots and in the street patterns, which have remained practically unchanged since the late Middle Ages. Some town centres have been somewhat extended on their outer fringes by the construction of small residential buildings, mostly from 1950 onwards. The buildings in Wachau towns date from more recent periods than the street plans. In the 15th and 16th centuries, stone construction began to replace the wooden peasant and burgher houses.

The winegrowers' farmsteads, which are oblong and either U-shaped, L-shaped, or consisting of two parallel buildings, date back to the late Middle Ages and the 16th-17th centuries. Most of these feature lateral gate walls or integrated vaulted passages, service buildings and smooth facades, which for the most part were altered from the 18th and 19th centuries onwards. Street fronts are often accentuated by late- and post-medieval oriels on sturdy brackets, statues in niches, wall paintings and *sgraffito* work, remnants of paintings or rich Baroque facades. The steeply pitched, towering hipped roof occurs so frequently that it can be regarded as an architectural characteristic of the Wachau house.

Many 18th-century buildings such as taverns or inns, stations for changing draught horses, boat operators' and toll houses, mills, smithies, or salt storehouses, frequently dating back to the 15th and 16th centuries, still serve trade and craft purposes and are partly integrated in the town structure. A number of castles dominate the towns and the Danube valley, and many architecturally and artistically significant ecclesiastical buildings dominate both the townscapes and landscapes.

Criterion (ii): The Wachau is an outstanding example of a riverine landscape bordered by mountains in which material evidence of its long historical evolution has survived to a remarkable degree.

Criterion (iv): The architecture, the human settlements, and the agricultural use of the land in the Wachau vividly illustrate a basically medieval landscape which has evolved organically and harmoniously over time.

Integrity

The inscribed property has an area of 18,387 ha, with a buffer zone of 2,942 ha. The Wachau is a cultural landscape featuring a harmonious interrelation between water, natural and close-to-natural areas, wine terraces, forests, and human settlements, linked by the freely flowing Danube. The abbeys of Melk and of Göttweig, with outstanding monumental features as well as a number of historic towns and villages, exhibit significant material evidence of history and evolution over time. The Wachau cultural landscape has retained to a remarkable degree material evidence of its historical evolution over more than two millennia. The landscape has evolved in response to social and economic forces over several thousand years, and each stage in its evolution has left its mark on the landscape, which is abundantly visible in the present-day landscape. For a variety of economic, political, and environmental reasons, there have been few radical interventions over time, even in the later decades of the 20th century, which would have obliterated or distorted evidence of the organic growth of the Wachau. Since the mid-20th century, protective measures have been progressively introduced and their sustained implementation will ensure the conservation and protection of the property in the future.

Authenticity

The authenticity of the Wachau is high. It showcases the fundamental elements of a living cultural landscape inasmuch as it retains an active social role in contemporary society, closely associated with the traditional way of life and its continuous evolutionary process. The property provides significant material evidence of its evolution over time. These qualities are manifested in the agricultural and forest landscape, in the layouts of towns, and in the conservation and authenticity of individual monuments. Similarly, the people of the Wachau conserve and carefully develop the fundamental elements of a living cultural landscape.

Protection and management requirements

The protection of the property has been of national and regional interest since the late 19th century. Thus, there are a number of overlapping laws and regulations implemented by a number of bodies at Federal, State, and Municipal levels, which contribute to its protection and conservation. These include, among others, the 1923 Austrian Monument Protection Act and its many amendments, which focuses on outstanding historic monuments and grants protection to the fabric as well as the appearance; the 1959 Act on Water Law and its amendments, and federal regulations and international agreements such as the European Diploma of Protected Areas by the Council of Europe. A number of provincial laws and regulations are also in force, such as the status of the Wachau as a protected landscape area. Additional protective measures regarding conservation areas as well as the inscription of the Wachau into the Natura 2000 network influence its conservation. These regulations are considered a solid basis for the future conservation and sustainable development of the property.

Different levels of governance are therefore responsible for the conservation and sustainable development of the property. The *Bundesdenkmalamt* (Federal Office of Historic Monuments) maintains a complete inventory of historic monuments and ensembles situated in the Wachau. For the protected areas (nature conservation areas, natural reserves, natural monuments, landscape protection area), the responsibility for overall management rests with the *Amt der niederösterreichischen Landesregierung* (Office of the Lower Austrian Provincial Government). This body also has the overall responsibility for the European Diploma Area. The provincial government is also in charge of general development outlines, such as settlement development limits, and supports the local authorities in implementing local and regional strategies through expertise and public funding.

At local level, the Wachau is mainly managed by the 13 communities (*Gemeinden*). They are in charge of local development plans, zoning and building regulations. Together, they run a regional development association called "*Arbeitskreis Wachau*" (Working Group for the Wachau). This body currently has an office in Spitz and employs experts in charge of projects connected to the conservation and sustainable development of the Cultural Landscape.

The management is financed by European programmes and by the province of Lower Austria. It is based on a mission and a number of strategic and operative plans and programmes, mainly focusing on nature protection, wine and fruit growing, tourism, culture, regional development, the regional Nature Park, energy efficiency, education, and communication. When finalised and agreed, a comprehensive Management Plan will be an essential tool to deal with regional voluntary activities, and encompass all aspects of the management of the property that are dealt with by institutions at federal, provincial, and local levels.

State Party: Property	Azerbaijan: Walled City of Baku with the Shirvanshah's Palace and Maiden Tower
Id. N°	958

Date of inscription	2000
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Brief synthesis

Rising from the south shore of the Apsheron Peninsular at the western edge of the Caspian Sea, the Walled City of Baku was founded on a site inhabited since the Palaeolithic period. The city reveals, along with the dominant Azerbaijani element, evidence of Zoroastrian, Sassanian, Arabic, Persian, Shirvani, Ottoman, and Russian presence in cultural continuity. The inner city (Icherisheher) has preserved much of its 12th-century defensive walls, which define the character of the property. The most ancient monument of Icherisheher is the Maiden Tower – symbol of the city of Baku. Some evidence suggests that the construction of the Tower might have been as early as the 7th-6th centuries BC. Another monument of universal value, one of the pearls of Azerbaijan's architecture is the 12th- to 15th-century Shirvanshahs' Palace, located at the highest point of Icherisheher. Within the Palace complex are the Divankhana (reception hall) or, as some researchers believe, the Tomb of Shah, the residential building of Shirvanshahs, the remains of Key-Kubad Mosque, the Tomb of Seyid Yahya Bakuvi, Murad's Gate (the only monument of the 16th century), the Tomb of Shirvanshahs' Family, the Shah Mosque and the Palace bath-house. Earlier monuments of Icherisheher include the Mohammed Mosque, together with the adjacent minaret built in 1078, and remains of the 9th- to 10th-century mosque near the Maiden Tower.

There are also numerous historical-architectural monuments of the medieval period such as caravanserais, hamams (bath-houses), mosques and residential buildings of the 18th to 20th centuries located within the property.

The magnificence of Icherisheher lies in the combination of its distinct architectural monuments and its historically composed architectural spatial planning with original street views, which have merged into a single entity to reflect its long history and the melding of cultures that have influenced its development over the past nine centuries. Icherisheher is still a living, vibrant city with residential areas housing local communities.

Criterion (iv): The Walled City of Baku represents an outstanding and rare example of an historic urban ensemble and architecture with influence from Zoroastrian, Sassanian, Arabic, Persian, Shirvani, Ottoman, and Russian cultures.

Integrity

The boundary of the property follows the boundary of the Walled City, which with the remains of its walls, planning and buildings encompasses the attributes that express its Outstanding Universal Value.

Considerable erosion of the fabric of some of the buildings within the Walled City occurred soon after inscription of the property, partly as a result of an earthquake but also due to illegal demolition and uncontrolled development. The property was removed from the List of World Heritage in Danger in 2009.

The setting of the property has changed somewhat since inscription, due to building development that accompanied the disintegration of the previous Soviet management system and is still vulnerable to negative visual impacts of adjacent new development. The new management structure effectively combines municipal functions as well as property conservation functions.

Authenticity

Following inscription, the demolition and complete reconstruction of some buildings impacted adversely the authenticity of the overall urban ensemble. As a result of measures taken to enable removal of the property from the List of World Heritage in Danger, the remaining attributes can be said to convey the property's Outstanding Universal Value in terms of materials, design and urban planning. The coherence and functions of the historic city are supported by a vibrant local community.

Protection and managements requirements

The Walled City of Baku and its buffer zone are inventoried and protected as National Monuments. The inner city is protected by Presidential Decrees of 2005 and 2007, and the buffer zone is protected by a Decree issued by the Cabinet of Ministers.

In 2007, the Administration of the State Historical-Architectural Reserve "Icherisheher" (SHAHAR), established under the Cabinet of Ministers, was formally given full responsibility for management of the property instead of the authorities of the Ministry of Culture and Tourism and the City of Baku. SHAHAR is independently staffed and funded by the Government. An Integrated Area Management Action Plan (IAMAP) has been developed, together with a Conservation Master Plan.

The Conservation Master Plan has been reviewed by all stakeholders and formally approved, and will be integrated with the IAMAP and adopted in the urban planning system of the City of Baku. The actions in the IAMAP will be implemented, including preparation of a comprehensive long-term strategy for the protection of Icherisheher and its buffer zone; documentation and monitoring of the state of conservation of the property; formulation of standards and procedures for the regulation of rehabilitation of existing buildings and eventual new constructions; maintenance and improvement of public spaces; development of strategic interventions to improve

the quality of life in the area; and organisation and management of community outreach and education programmes.

There is a need to ensure that planning controls respect the characteristics of the modest houses that contribute to the overall qualities of Baku as a reflection of a medieval city. Numerous parts of the property retain original medieval street views and attention must be paid to preserve such views where they exist. Controls on development of the wider setting of the city is also needed so as to ensure it retains its links with the sea and does not become a small island within high-rise developments.

State Parties: Property	Belarus / Estonia / Finland / Latvia / Lithuania / Republic of Moldova / Norway / Russian Federation / Sweden / Ukraine: Struve Geodetic Arc
Id. N°	1187
Date of inscription	2005

Brief synthesis

The determination of the size and shape of the world was one of the most important problems of natural philosophy since at least the 4th century B.C. The development, in the 16th century, of a measurement system called “triangulation” improved the ability to determine the size and shape of the world. In this system, long chains of triangles were measured, creating arcs that stretched along hundreds and thousands of kilometres.

The Struve Geodetic Arc is a chain of survey triangulations stretching from Hammerfest in Norway to the Black Sea, through ten countries and over 2,820 km. These are points of a survey, carried out between 1816 and 1855 by several scientists (surveyors) under leadership of the astronomer Friedrich Georg Wilhelm Struve, which represented the first accurate measuring of a long segment of a meridian. This helped to establish the exact size and shape of our planet and marked an important step in the development of earth sciences and topographic mapping. It is an extraordinary example of the development of sciences and of collaboration among scientists from different countries, as well as monarchs, for a common scientific cause.

Prior to the Struve Geodetic Arc, an arc of about 2,400 km had been measured in India by Lambton and Everest (completed in 1845), and a shorter arc in Lithuania by Carl Tenner. Struve, who was working at the Dorpat University (currently University of Tartu in Estonia), decided that he would establish an arc following a line of longitude (meridian) passing through the observatory of the university. The new long arc, later to be known as the Struve Geodetic Arc, was eventually created by connecting earlier, shorter arcs to the southern one measured by Tenner, and their extension to the north and south. The arc thus covered a line connecting Fuglenæs, near Hammerfest at the Arctic Ocean, with Staro-Nekrassowka, near Ismail, on the Black Sea shores, along more than 2,800 km. The original arc consisted of 258 main triangles with 265 main station points. The inscribed property includes 34 of the original station points established by Struve and his colleagues between 1816 and 1851 – four points in Norway, four in Sweden, six in Finland, two in Russia, three in Estonia, two in Latvia, three in Lithuania, five in Belarus, one in Moldova and four in Ukraine. Other preserved sites of the Arc are protected nationally.

These marks take different forms: small holes drilled in rock surfaces, and sometimes filled with lead; cross-shaped engraved marks on rock surfaces; solid stone or brick with a marker inset; rock structures (cairns) with a central stone or brick marked by a drilled hole; individual bricks; as well as especially constructed 'monuments' to commemorate the point and the arc.

The Struve Geodetic Arc is an extraordinary example of the interchange of human values in the form of international scientific collaboration, as well as an outstanding example of a technological ensemble.

Criterion (ii): The first accurate measuring of a long segment of a meridian, helping in the establishment of the exact size and shape of the world exhibits an important step in the development of earth sciences. It is also an extraordinary example for interchange of human values in the form of scientific collaboration among scientists from different countries. It is at the same time an example for collaboration between monarchs of different powers, for a scientific cause.

Criterion (iv): The Struve Geodetic Arc is undoubtedly an outstanding example of a technological ensemble - presenting the triangulation points of the measuring of the meridian, being the non-movable and non-tangible part of the measuring technology.

Criterion (vi): The measuring of the arc and its results are directly associated with humans wondering about their world, its shape and size. It is linked with Sir Isaac Newton's theory that the world is not an exact sphere.

Integrity

The inscribed property consists of 34 components, which in total comprise an area of 0.6 ha, with buffer zones amounting to a total of 11 ha. All components of the Struve Geodetic Arc are linked to one chain and a number of the Arc sites belong to national state geodetic reference networks that confer integrity even with the geodetic measurements processed today.

Authenticity

The inscribed components of the property have special characteristics and significance on a technological and scientific level. All points are maintained in their original location and changes are limited to some later constructions marking the locations.

Protection and management requirements

For the inscription of the Struve Geodetic Arc, the ten countries involved collaborated in locating and investigating the sites of historical measurements by using available geodetic observation data and by means of the recent measurement methods as well as satellite geodesy. Upon identification of the component parts, each State Party provided legal protection in accordance with its national frameworks, which in practice entails that some points are covered by laws protecting geodetic points and also by laws for the protection of cultural heritage.

At the national level, each State authority, usually the national mapping authority with the involvement of local administrative authorities, is responsible for the conservation and management of the Struve Geodetic Arc. At the international level, management is the responsibility of the Coordinating Committee, which meets every other year and is run according to management mechanisms agreed upon by all ten countries.

Based on the resolutions of the Coordinating Committee, national representative organizations actively promote the Struve Geodetic Arc via different tasks, such as the producing post stamps and envelopes (completed by Lithuania, Belarus, Moldova, Estonia, Finland, Latvia, Sweden, Ukraine); making promotional movies and educational leaflets, books and articles; preparing exhibitions; translating documentation; restoring geodetic instruments and other materials, and even minting commemorative coins for the Struve Geodetic Arc (Belarus, Moldova).

Etat partie: Bien	Belgium: Habitations majeures de l'architecte Victor Horta (Bruxelles)
N° Id.	1005
Date d'inscription	2000

Brève synthèse

Les Habitations majeures de l'architecte Victor Horta – l'hôtel Tassel (1893), l'hôtel Solvay (1894), l'hôtel van Eetvelde (1895) et la maison et atelier de Victor Horta –, situées à Bruxelles, sont des exemples exceptionnels de l'Art nouveau. Ces quatre habitations, qui attestent de l'immense talent de cet architecte belge, atteignent un sens de l'unité extraordinaire grâce à la conception minutieuse du moindre détail du bâtiment, depuis la poignée de porte ou la sonnette, jusqu'à la moindre pièce de mobilier.

L'architecture Art nouveau, dont Horta fut l'instigateur et le chef de file, annonce le mouvement moderne. La révolution stylistique portée par ses œuvres se caractérise principalement par l'introduction du plan libre, la diffusion et la transformation de la lumière au travers de l'ensemble de la construction, la création d'une décoration qui décline avec brio l'énergie ondoyante des lignes courbes, intimement rattachée à la structure de l'édifice, l'utilisation de nouveaux matériaux (acier et verre), et l'introduction d'installations techniques modernes. Par l'utilisation rationnelle de structures métalliques, souvent laissées apparentes ou subtilement dissimulées, Victor Horta arrive à concevoir des espaces de vie flexibles, généreusement éclairés, en connivence étroite avec la personnalité des habitants.

Le principe de la double maison réunie par un espace de circulation sous verrière est ainsi adopté à l'hôtel Tassel et à l'hôtel Van Eetvelde. Cet espace, qui peut abriter également un jardin d'hiver, trouve un aboutissement féérique dans l'hôtel Solvay, l'œuvre la plus ambitieuse et la plus spectaculaire de Horta qui nous soit parvenue de la période Art nouveau. La cage d'escalier de sa maison-atelier reprend ce type d'aménagement d'une manière particulièrement élégante. Les décors intérieurs bénéficient d'une inventivité confondante, les motifs créés se développant souplement du sol en mosaïque aux murs peints, en passant par les ferronneries et le mobilier personnalisé.

Ces quatre habitations renouvellent la tradition des maisons et hôtels bourgeois du XIXe siècle, combinant la fonction d'habitation et de représentation, qui nécessite une organisation subtile des espaces et des circulations différenciées. Revisitée par le génie créateur de Victor Horta, chacune d'elle reflète la personnalité de son commanditaire et forme un ensemble cohérent qui illustre la volonté de traiter l'architecture et la décoration comme un tout.

Critère (i) : Les Habitations majeures de l'architecte Victor Horta à Bruxelles sont des œuvres du génie créateur représentant l'expression la plus aboutie de l'influence du style Art nouveau dans l'art et l'architecture.

Critère (ii) : L'apparition de l'Art nouveau à la fin du XIXe siècle, qui marqua une étape décisive dans l'évolution de l'architecture en Occident, annonce les changements futurs. Les habitations de Victor Horta à Bruxelles sont le témoignage exceptionnel de cette approche radicalement nouvelle.

Critère (iv) : Les Habitations majeures de l'architecte Victor Horta à Bruxelles sont des exemples exceptionnels de l'architecture Art nouveau, illustrant brillamment la transition du XIXe au XXe siècle en matière d'art, de pensée et de société.

Intégrité

Parmi les immeubles Art nouveau réalisés par Victor Horta qui ont été préservés, cet ensemble de quatre habitations se démarque tant par sa qualité que son bon état de conservation. Au travers de leur circulation, de leur agencement, de leur éclairage et de leur décor, elles possèdent chacune l'ensemble des attributs stylistiques et techniques qui permettent d'apprécier pleinement les différentes facettes du génie créateur de leur architecte, pionnier de l'Art nouveau qui révolutionna l'art de l'habitat au tournant du XXe siècle.

Ces immeubles sont protégés comme monuments, ce qui garantit le maintien de leurs caractéristiques. Ils présentent toutes les caractéristiques nécessaires à l'expression de leur valeur universelle exceptionnelle et de leur rôle dans l'histoire de l'architecture occidentale. En effet, ils ont connu peu de modifications au cours du temps, et de soigneuses campagnes de restaurations, bien documentées, ont permis de retrouver l'intégrité du bien si elle avait été altérée par des aménagements antérieurs, comme ce fut le cas pour la maison-atelier de Horta et l'hôtel Tassel..

Authenticité

Outre leur exceptionnelle qualité architecturale, les quatre habitations retenues présentent un très bon état de conservation et un haut degré d'authenticité, qu'elles doivent aux soins prodigués par leurs propriétaires, convaincus de longue date de l'intérêt exceptionnel de leurs demeures. Malgré les changements apportés à l'hôtel Tassel, l'authenticité de la conception, des matériaux et de leur mise en œuvre reste élevée, tandis que l'authenticité de l'environnement reste entière. Chacun des bâtiments a vu son affectation changer, devenant bureaux (hôtels Tassel et van Eetvelde) ou musée (hôtel Solvay et maison-atelier de Horta). À l'hôtel Solvay, l'authenticité de la conception, des matériaux et de leur mise en œuvre est exceptionnellement élevée. Ce n'est que l'authenticité de l'environnement qui a changé, car l'avenue Louise, élégant boulevard résidentiel à l'époque, est devenue une importante artère de la ville où se construisent, sous la pression immobilière, de grands immeubles de bureaux. L'authenticité de l'hôtel van Eetvelde et de la maison-atelier de Horta demeure élevée. L'authenticité du quartier de l'hôtel van Eetvelde est exceptionnellement élevée du fait d'une bonne protection de l'environnement.

Les campagnes de restaurations entreprises ces 40 dernières années ont été réalisées selon les pratiques de conservation reconnues (Charte de Venise de 1964 et Charte de l'ICOMOS de 1987). Depuis l'inscription sur la Liste du Patrimoine mondial, plusieurs campagnes de restauration exemplaires et de restitution d'espace ont été menées à la maison-atelier de Horta, visant à retrouver l'ensemble des dispositions originelles de l'immeuble.

Éléments requis en matière de protection et de gestion

L'ensemble des immeubles est classé comme monuments. Les interventions sur ces biens doivent être rapportées par écrit à la Direction des Monuments et des Sites préalablement à leur exécution et, sauf exception, faire l'objet d'une procédure spécifique suivant les procédures fixées par le Code bruxellois de l'aménagement du territoire (COBAT). Dans le cadre de cette procédure, la Commission royale des Monuments et des Sites émet un avis contraignant sur le projet. L'élaboration du dossier de permis d'urbanisme et le chantier sont suivis par la Direction des Monuments et des Sites, qui gère l'octroi des subventions régionales destinées à couvrir une partie des frais de restauration et d'entretien des biens pouvant atteindre 80% du montant des travaux.

Le Gouvernement de la Région de Bruxelles Capitale a apporté une contribution financière importante et son soutien scientifique et administratif aux campagnes de restauration et à l'entretien de la Maison et de l'atelier de Victor Horta ainsi qu'à l'aménagement d'un centre d'accueil des visiteurs.

Plusieurs études et recherches concernant des bâtiments réalisés par Horta et effectuées dans le cadre de campagnes de restauration ou indépendamment de celles-ci, permettent d'appréhender de manière globale l'œuvre de Horta et les techniques mises en œuvre.

Le mobilier et les installations intégrés de l'hôtel Solvay sont classés, à l'exception du mobilier non fixé et des œuvres d'art, qui sont d'origine. Afin de préserver *in situ* ce patrimoine mobilier exceptionnellement complet, un inventaire a été dressé en collaboration avec le propriétaire.

Le couvrement de l'avenue Louise, mesure qui exigerait des travaux très importants sur l'un des plus importants axes de circulation de la capitale, a déjà été envisagé de manière théorique lors d'études d'incidence, mais s'avère particulièrement difficile à réaliser dans les conditions actuelles.

Les immeubles inscrits étant des propriétés privées, des plans de gestion n'ont pas encore été mis en place. Pour le Musée Horta, qui est le seul immeuble largement ouvert au public, un plan directeur sert à guider les interventions et restaurations projetées. Un projet d'aménagement pour un centre de visiteurs dans la maison voisine est en cours de réalisation.

Etat partie: Bien	Belgium: Minières néolithiques de silex de Spiennes (Mons)
N° Id.	1006
Date d'inscription	2000

Brève synthèse

Les minières néolithiques de silex de Spiennes se situent sur deux plateaux crayeux, au sud-est de la ville de Mons. Elles occupent une zone essentiellement vouée à l'agriculture. Le site apparaît en surface comme une grande étendue de prés et de champs jonchée de millions de silex taillés. En sous-sol, le site est un immense réseau de galeries reliées à la surface par des puits verticaux, creusés par les populations du Néolithique.

Les mines de silex du néolithique de Spiennes sont les centres d'extraction minière les plus vastes et parmi les plus anciens d'Europe du Nord ouest. Elles ont été en exploitation pendant de nombreux siècles et les vestiges illustrent avec force l'évolution et l'adaptation des techniques d'extraction utilisées par les populations préhistoriques dans le but d'exploiter les vastes gisements d'un matériau qui est essentiel à la fabrication d'outils, et donc à l'évolution culturelle en général. Elles sont aussi remarquables par la diversité des solutions techniques d'extraction mises en œuvre et par le fait qu'elles sont directement liées à un habitat qui leur est contemporain.

A l'époque néolithique (depuis le dernier tiers du Ve millénaire jusque dans la 1ère moitié du IIIe millénaire), le site a été le siège d'une exploitation intensive du silex présent dans le sous-sol. Différentes techniques ont été utilisées, dont la plus spectaculaire et la plus caractéristique est le creusement de puits de 0,8 à 1,20 m de diamètre et dont la profondeur pouvait atteindre 16 mètres. Les populations du Néolithique pouvaient ainsi passer en dessous des couches constituées de grandes dalles de silex (jusqu'à 2 mètres de long) qu'ils extrayaient grâce à une technique particulière dite du foudroyage (dégagement en sous-œuvre avec maintien d'un muret de craie au centre, étançonnage de la dalle, abattage du muret, retrait des étançons et affaissement de la dalle). La densité des puits est importante, jusqu'à 5000 dans la zone dite de Petit Spiennes (14 ha), amenant à des recoupements de fosses et de puits dans certains secteurs.

A ces puits d'extraction étaient associés des ateliers de taille dont témoignent les nombreux fragments de silex toujours présents à la surface et qui ont donné son nom à une partie du site, Camp à Cayaux (Champ aux cailloux). La production visait essentiellement la fabrication de haches pour l'abattage des arbres et de longues lames qui étaient transformées en outils. La standardisation de la production témoigne du haut niveau de technicité des tailleurs de silex de Spiennes. On a également découvert sur le site les vestiges d'un camp fortifié composé de deux fossés concentriques irréguliers distants de 5 à 10 mètres. Le mobilier archéologique recueilli est comparable au mobilier de type Michelsberg découvert dans le secteur minier.

Critère (i) : Les mines de silex du Néolithique à Spiennes offrent un témoignage exceptionnel des capacités d'application et d'invention des populations préhistoriques.

Critère (iii) : L'avènement des cultures néolithiques a marqué une étape majeure dans l'évolution culturelle et technologique de l'humanité, abondamment illustrée par le vaste complexe des anciennes mines de silex de Spiennes.

Critère (iv) : Les mines de silex de Spiennes sont des exemples remarquables de la technologie de l'extraction du silex au Néolithique qui a marqué une étape déterminante du progrès technologique et culturel humain.

Intégrité

Depuis la fin des Ages des Métaux, le site n'a pas connu d'occupation significative. Les cartes anciennes le montrent voué à l'agriculture, voire laissé en friche dans les zones où l'abondance de silex le rendait impropre à la culture.

Au XVIIIe siècle, les armées de Louis XIV creuseront un fossé de 3 mètres de profondeur accompagné d'une levée de terre.

Au XIXe siècle, le silex sera de nouveau exploité, essentiellement en surface, pour la réalisation de pierres à fusil. Les faïenceries engendreront également une exploitation dans certaines parties du site mais dans des zones très limitées (inférieures à 100m²).

Le creusement d'une tranchée de chemin de fer en 1867 recoupe 25 puits d'extraction et est à l'origine de la découverte du site.

Au XXe siècle, le placement d'une conduite de gaz a occasionné une altération de la partie supérieure de puits sur une surface d'environ 1800m².

Ces quelques altérations n'ont cependant pas altéré la qualité du site qui a gardé un haut niveau d'intégrité.

Authenticité

L'authenticité des minières néolithiques de Spiennes est totale. Beaucoup d'entre elles n'ont encore jamais été fouillées, et celles qui sont ouvertes au public sont demeurées dans leur état d'origine, à l'exception de quelques installations modernes de confortement et de sécurité.

Éléments requis en matière de protection et de gestion

Les minières de Spiennes ont été classées par l'arrêté ministériel du 7 novembre 1991, qui protège à la fois l'ensemble comme site et les structures d'exploitation comme monument. En outre, le site figure également sur la liste du patrimoine exceptionnel de Wallonie, soit le plus haut niveau de protection prévu par la législation wallonne.

Diverses autres dispositions légales et réglementaires concourent à la protection du site des minières, dont le plan de secteur de Mons-Borinage qui affecte la zone classée aux activités agricoles, le plan communal de développement de la nature de la Ville de Mons, et la législation sur la protection des zones de captage des eaux.

Sur le plan archéologique, des fouilles limitées sont réalisées par le service compétent du Département du Patrimoine. L'objectif est à la fois de connaître le site et de le gérer comme une réserve archéologique. La présence d'archéologues constitue une surveillance de fait.

Suite à la décision du Gouvernement wallon du 25 août 2011 de doter les sites wallons inscrits sur la Liste du patrimoine mondial d'un plan de gestion, un Comité de pilotage, un Comité scientifique et un Comité de gestion ont été établis.

La descente dans les minières a longtemps été occasionnelle, et les visites guidées prises en charge par une association locale. Pour favoriser une meilleure connaissance du site, il a été décidé de créer un centre d'interprétation. La localisation a été définie de manière à limiter au maximum les emprises sur le site tout en permettant au visiteur de partager l'expérience des archéologues et d'être confronté aux conditions d'exploitation de l'époque néolithique. Les matériaux et la volumétrie favoriseront l'intégration paysagère du bâtiment et le respect du site lui-même. Ce centre d'interprétation viendra compléter les activités de la base scientifique présente au Camp à Cayaux depuis le milieu du XXe siècle.

Etat partie: Bien	Belgium: Cathédrale Notre-Dame de Tournai
N° Id.	1009
Date d'inscription	2000

Brève synthèse

La cathédrale Notre-Dame de Tournai est implantée au cœur de la vieille ville, non loin de la rive gauche de l'Escaut. L'édifice actuel n'est pas un édifice homogène quant à sa chronologie et sa conception, mais le fruit de trois projets cohérents, aboutis et toujours lisibles : la nef et le transept romans ainsi que le chœur gothique. La construction des deux premiers a été pour l'essentiel menée d'un seul jet durant la première moitié du XIIe siècle ; les siècles suivants n'apportèrent aucune modification essentielle à l'édifice, se bornant à l'adapter aux usages du temps.

Il est difficile de rattacher la cathédrale à une seule influence ou à une seule école, mais elle présente dans son plan et ses élévations des dispositions qui ont certainement influencé le développement du premier art gothique. Elle se distingue tout particulièrement par une nef romane d'une ampleur exceptionnelle et d'une grande richesse de sculpture, et par un transept chargé de cinq tours qui annonce les prémices de l'art gothique. Le chœur, reconstruit au XIIIe siècle, est de pur style gothique.

La conception de la nef manifeste une grande originalité par plusieurs innovations importantes. La transposition à l'extérieur de la coursière des fenêtres hautes, l'élévation à quatre niveaux, et le double portail occidental font de la nef un *unicum* dans l'histoire de l'architecture romane, tandis que la sobriété de la modénature semble être due au poids des traditions carolingiennes, particulièrement sensible dans les anciens Pays-Bas. Le maître d'œuvre a donc opéré une remarquable synthèse entre les aspects les plus novateurs de l'architecture de son temps, interprétés avec une certaine liberté, et les traditions locales.

La volumétrie du transept, hérissé de cinq tours, est assurément la caractéristique la plus emblématique de la cathédrale de Tournai. Les sources en sont à ce jour mal expliquées, entre l'influence dite "lombardo-rhénane" et les façades harmoniques de France et d'Angleterre. Sa postérité est par contre évidente ; le modèle fera florès durant toute la seconde moitié du XIIe siècle.

Le chœur gothique marque l'introduction en Belgique, au milieu du XIIIe siècle, des formes nouvelles du gothique classique. Il est particulièrement représentatif de l'époque de sa construction. Il témoigne des énormes progrès technologiques enregistrés à la fin du XIIe et au début du XIIIe siècle. Il est également un exemple de la diffusion rapide de cette architecture à partir des centres créateurs de l'Île-de-France à dater du milieu du XIIIe siècle. Il s'agit en effet d'un édifice "à la page", utilisant les techniques les plus récentes et les modénatures à la mode, sans décalage chronologique.

Critère (ii) : La cathédrale Notre-Dame de Tournai témoigne d'un échange d'influences considérable entre l'architecture de l'Île-de-France, rhénane et normande pendant la courte période qui, au début du XIIe siècle, précède l'éclosion de l'architecture gothique.

Critère (iv) : Par ses dimensions, la cathédrale Notre-Dame de Tournai est un exemple éminent de ces grands édifices de l'école du nord de la Seine qui préfigurent le volume des cathédrales gothiques.

Intégrité

La cathédrale de Tournai a préservé au travers des siècles son expression architecturale et ses fonctions cultuelles et culturelles. Depuis sa construction, elle symbolise le pouvoir épiscopal. Son importance s'exprime tant par la qualité architecturale de l'édifice que par sa situation dans le tissu urbain, véritable point de repère au centre de la silhouette urbaine, et par les relations visuelles et symboliques qu'elle établit avec le beffroi situé à proximité.

Authenticité

La cathédrale Notre-Dame de Tournai est d'une grande authenticité. Les inévitables restaurations du XIXe siècle (communes à tous les grands édifices du Moyen-Age) ont su lui conserver son exceptionnelle volumétrie extérieure, et les transformations de la façade occidentale, mineures au regard de l'ampleur de l'édifice, font aujourd'hui partie de son histoire. Les dégâts occasionnés par les bombardements de la Seconde Guerre mondiale se sont essentiellement limités à l'incendie de la toiture de la nef et d'une partie des bâtiments du chapitre. Les restaurations ont été réalisées dans le plus grand respect de l'édifice, tout comme les travaux qui visent à assurer la pérennité de la cathédrale, laquelle présente un bâti vieillissant et fragilisé.

Éléments requis en matière de protection et de gestion

La cathédrale de Tournai figure parmi les premiers biens classés en Belgique (05/02/1936), et elle est inscrite sur la liste du patrimoine exceptionnel de Wallonie (liste établie par le Gouvernement wallon et recensant les éléments les plus remarquables du patrimoine wallon). Elle est également située dans la zone protégée du centre ancien de Tournai.

Depuis son inscription sur la Liste du patrimoine mondial, la cathédrale a fait l'objet d'un vaste plan de restauration s'étalant sur près de 20 ans et visant non seulement la restauration de l'édifice religieux mais également sa valorisation et celle de la zone tampon. Le projet associe tous les acteurs et est accompagné par un Comité scientifique.

Suite à la décision du Gouvernement wallon du 25 août 2011 de doter les sites wallons inscrits sur la Liste du patrimoine mondial d'un plan de gestion, un Comité de pilotage, un Comité scientifique et un Comité de gestion ont été établis.

State Party: Property	Belgium: Plantin-Moretus House-Workshops-Museum Complex
Id. N°	1185
Date of inscription	2005

Brief synthesis

The Plantin-Moretus House-Workshops-Museum Complex is the only surviving printing workshop and publishing house in the world dating back to the Renaissance and Baroque periods. Situated in Antwerp, one of the three leading cities of early European printing along with Paris and Venice, it is associated with the history of the invention and dissemination of typography. Its name refers to the greatest printer-publisher of the second half of the 16th century, Christophe Plantin (c. 1520-1589), and his son-in-law, Jan Moretus I (1543-1610), who took over the best-equipped printing company in Europe upon Plantin's death. It was thanks to the Moretus family that the firm's production activities continued in the same location for three centuries, from 1576 to 1867. Ten years later,

the Complex was opened as a museum dedicated to presenting the relationship between the living environment of the family, the world of work, and the world of commerce during the 16th, 17th, and 18th centuries.

The Complex evolved over the centuries to include a patrician mansion as well as north, south, west, and east wings, added to the 1576-1580 core in three phases (1578-1584, 1620-1640, and 1760-1763), creating an interior courtyard. In addition to its outstanding architectural value, the Complex contains exhaustive evidence of the life and work of what was the most prolific printing and publishing house in Europe in the late 16th century. Within its walls are the equipment of the workshops (printing-press, foundry, typesetting room), the furnishings that have remained *in situ* (equipment, tools, an extensive library, furniture, portraits), the invaluable business archives of the *Officina Plantiniana* (inscribed in UNESCO's Memory of the World Register of documentary heritage in 2001), and works of art, including paintings from the workshop of Rubens.

Criterion (ii): Through the publications of the *Officina Plantiniana*, the Plantin-Moretus Complex is a testimony to the major role played by this important centre of 16th-century European humanism in the development of science and culture.

Criterion (iii): Considered as an integral part of the Memory of the World (UNESCO, 2001), the Plantinian Archives, including the business archives of the *Officina*, the books of commercial accounts and the correspondence with a number of world-renowned scholars and humanists, provide an outstanding testimony to a cultural tradition of the first importance.

Criterion (iv): As an outstanding example of the relationship between the living environment of a family during the 16th, 17th and 18th centuries, the world of work and the world of commerce, the Plantin-Moretus Complex is of unrivalled documentary value relating to significant periods of European history: the Renaissance, the Baroque and Classicism.

Criterion (vi): The Plantin-Moretus Complex is tangibly associated with ideas, beliefs, technologies and literary and artistic works of outstanding universal significance.

Integrity

All the elements necessary to express the Outstanding Universal Value of the Plantin-Moretus House-Workshops-Museum Complex are located within the boundaries of the 0.23 ha property, including the Complex's central nucleus built in 1576-1580 and its later additions, the equipment of the workshops, the furnishings, the archives, and the works of art associated with the Plantin-Moretus family and business. The boundaries of the property thus adequately ensure the complete representation of the features and processes that convey the property's significance. There is a 184.1 ha buffer zone.

Overall, the property has retained its integrity, with regard to its characteristics and components. The original house and its historical additions are well preserved. In the last century, two important interventions were carried out: a new wing was added in 1937 to house a collection of graphic art; and the Complex was restored in 1947 after the 1576-1580 core and the east wing were damaged by a missile in 1945. The property does not suffer from adverse effects of development and/or neglect.

Authenticity

The Plantin-Moretus House-Workshops-Museum Complex is authentic in terms of its location and setting, forms and design, and materials and substances. Each of the phases of the Complex – the central nucleus and its later additions – is an authentic testimony to the architecture and lifestyle of its period. This authenticity is reflected in the continuing existence in the same places (mansion and workshops) of the same activity (printing/publishing) carried out by the same family (the Moretus family, descendants of the son-in-law of Christophe Plantin, the founder).

In formal terms, the restoration required for the ongoing upkeep of the buildings, and those made necessary by war damage (in 1945), have not affected the authenticity of the ensemble. The same applies to the museographic installations, which are fully in keeping with the historical evolution of the monument.

Protection and management requirements

The Plantin-Moretus House-Workshops-Museum Complex, which is owned by the City of Antwerp, was listed as a national monument on 25 March 1938 (façade and courtyard), with an extension of the protection to the whole building complex, including its interior, on 10 July 1997. As a consequence of this listing, every intervention concerning the Plantin-Moretus House-Workshops-Museum Complex must be approved by the regional monuments and sites administration. This is also the case for a number of listed buildings in the immediate surroundings of the Complex. The management of the property is the responsibility of the chief curator of the museum, appointed by the City of Antwerp. In view of the importance and composition of its collection, its management policy is supervised by the Fine Arts and Museum Division of the government of Flanders. As a listed monument, the management of the museum is governed by the Flanders Heritage Agency. There is a management plan.

Sustaining the Outstanding Universal Value of the property over time will require maintaining and improving, as required, the conservation and management of the property and its collections (archives, books, and historic interiors). The attributes that express the Outstanding Universal Value of the property are protected when undertaking any interventions, such as improving access or enhancing the comfort of visitors.

State Party: Property	Bosnia and Herzegovina: Old Bridge Area of the Old City of Mostar
Id. N°	946rev
Date of inscription	2005

Brief synthesis

A settlement established as an urban structure in the 15th century on the crossing of a river and a land road was originally located in a valley of the Neretva River, between Hum Hill and the foot of the Velež Mountain. This relatively small settlement had two towers around the bridge, which dated 1459, as noted by written historical sources. The current name, Mostar, was mentioned for the first time in 1474 and derived from "mostari" - the bridge keepers. The historic town of Mostar developed in the 15th and 16th centuries as an Ottoman frontier town and during the short Austro-Hungarian period in the 19th and 20th centuries. Mostar has been long known for its old Turkish houses and the Old Bridge – Stari most, an extraordinary technological achievement of bridge construction. The historic part of Mostar is a result of interaction between the natural phenomena and human creativity throughout a long historical period. The essence of centuries-long cultural continuity is represented by the universal synthesis of life phenomena: the bridge and its fortresses – with the rich archeological layers from the pre-Ottoman period, religious edifices, residential zones (mahalas), arable lands, houses, bazaar, its public life in the streets and water. Architecture here presented a symbol of tolerance: a shared life of Muslims, Christians and Jews. Mosques, churches, and synagogues existed side-by-side indicating that in this region, the Roman Catholic Croats with their Western European culture, the Eastern Orthodox Serbs with their elements of Byzantine culture, and the Sephardic Jews continued to live together with the Bosniaks-Muslims for more than four centuries. A specific regional architecture was thus created and left behind a series of unique architectural achievements, mostly modest by physical dimensions, but of considerable importance for the cultural history of its people. The creative process produced a constant flow of various cultural influences that, like streams merging into a single river, became more than a mere sum of the individual contributing elements.

In the 1990 conflict, however, most of the historic town and the Old Bridge, a masterpiece designed by the famous architect, mimar Hajruddin (according to the design of his master-teacher, great architect mimar Sinan), were destroyed. The Old Bridge was rebuilt in 2004 and many of the edifices in the Old Town were restored or rebuilt with the contribution of the international scientific committee established by UNESCO.

The Old Bridge Area, with its pre-Ottoman, Eastern Ottoman, Mediterranean and Western European architectural features, is an outstanding example of a multicultural urban settlement. The reconstructed Old Bridge and Old City of Mostar are symbols of reconciliation, international cooperation and the coexistence of diverse cultural, ethnic and religious communities.

Criterion (vi): With the “renaissance” of the Old Bridge and its surroundings, the symbolic power and meaning of the City of Mostar - as an exceptional and universal symbol of coexistence of communities from diverse cultural, ethnic and religious backgrounds - has been reinforced and strengthened, underlining the unlimited efforts of human solidarity for peace and powerful cooperation in the face of overwhelming catastrophes.

Integrity

The inscribed property encompasses 7.60 ha, with a buffer zone of 48 ha and contains the elements to convey its Outstanding Universal Value. After the reconstruction works, the Old Bridge is again a testimonial, in time and space, of the history of the Old City of Mostar. Reconstruction works of the Old Bridge complex and its surrounding monumental structures, infrastructure and majority of urban fabric took into consideration the overall integrity of the place. This was achieved by following the pre-war appearance and features of the structures to maintain vertical and horizontal dimensions, forms, scale and materialization – in other words, the integral expression of the Old City of Mostar. The exceptional features of the historic urban area of Mostar were presented again in their interrelation between natural and constructed elements, with the Old Bridge as a masterpiece of bridge construction.

The elements that reflect the Outstanding Universal Value of the property are present in situ, including the intangible ones (especially its symbolic power). Furthermore, archaeological findings of the older medieval bridges (almost at the same location of the Old Bridge) point out the strong historical and functional integrity as well as the ability of architects and town planners to integrate new development principles and architecture with the earlier medieval era.

The Old City of Mostar, shaped and defined during the Medieval, Ottoman and Austro-Hungarian period, preserved its coherence as a whole with recognizable features of the townscape and legibility in an urban-morphological matrix, without introducing alterations in the form of new or inappropriately renewed structures.

Authenticity

The reconstruction of the Old Bridge was based on thorough and detailed, multi-faceted analyses, relying on high quality documentation. The authenticity of form, use of authentic materials and techniques are fully recognizable while the reconstruction has not been hidden at all. Remaining original material has been exposed in a museum, becoming an inseparable part of the reconstruction. The reconstruction of the fabric of the bridge should be seen as the background to the restoration of the intangible dimensions of this property.

At the urban scale, authenticity is preserved through an integrative rehabilitation of the historic core by the renovation of physical structures and the introduction of the appropriate functions. The use of the original volumes, sites and building materials for each structure preserved the typology and morphology of the historic fabric. The key features of the city, natural surroundings, and the urban matrix with the architectural landmarks remain genuine.

Architectural authenticity is achieved by the application of contemporary theories and practices, accompanied with extensive research and re-use of original elements found on the site. Reconstruction remained faithful to the idea and principles of the original structure, with respect for different historical layers and previous restoration works.

Protection and management requirements

Protection measures are related to the harmonized set of laws for the protection of listed national monuments, in particular the Law on Implementation of Decisions of the Commission to Preserve National Monuments of Bosnia and Herzegovina (2002), the Law on the Protection and Use of Cultural, Historical and Natural Heritage of SR Bosnia and Herzegovina (1985) and the Law on Physical Planning and Land Use at the Level of Federation of Bosnia and Herzegovina (2006), accompanied by other related laws and regulations. In addition, the Historical Urban Area of Mostar was listed as national monument with boundaries that correspond to the area of the inscribed property.

In terms of management, the Management Plan for the Old City of Mostar has been implemented. This document, composed of four parts (government, finance, planning and implementation, including the Master Plan 2001) was formulated with the aim to preserve and protect the Outstanding Universal Value of the property. The Plan also defines the activities necessary to ensure adequate management, the sustainable use of the World Heritage property in a way appropriate to its Outstanding Universal Value, cultural and historical features, sustainable protection and conservation of cultural values. It also underlines the property's active role in improving conditions and quality of life of the local community. A Master Plan was adopted by the Government of the Federation of Bosnia and Herzegovina.

In operational terms, the Mostar City Council established the Agency "Stari Grad" (located in Mostar) responsible for preservation, development, site management and monitoring. The Agency works in close cooperation with other institutions in charge of heritage protection (mostly with the Federal Institute for the Protection of Monuments). The works related to heritage protection are financed mostly by the Government of the Federation of Bosnia and Herzegovina and the City of Mostar. The City of Mostar also implements projects related to the improvement of the city's infrastructure.

Challenges remain in effectively ensuring that development pressures do not threaten the conditions of integrity and the conservation of the property and its buffer zone. To this effect, heritage protection services need to have the necessary measures in place to prevent and mitigate potential negative impacts.

State Party: Property	Cyprus: Paphos
Id. N°	79
Date of inscription	1980

Brief synthesis

Paphos, situated in the District of Paphos in western Cyprus, is a serial archaeological property consisting of three components at two sites: the town of Kato Paphos (Site I), and the village of Kouklia (Site II). Kato Paphos includes the remains of ancient Nea Paphos (Aphrodite's Sacred City) and of the Kato Paphos necropolis known as Tafoi ton Vasileon ("Tombs of the Kings"), further to the north. The village of Kouklia includes the remains of the Temple of Aphrodite (Aphrodite's Sanctuary) and Palaepaphos (Old Paphos). Because of their great antiquity, and because they are closely and directly related to the cult and legend of Aphrodite (Venus), who under the influence of Homeric poetry became the ideal of beauty and love, inspiring writers, poets, and artists throughout human history, these two sites can indeed be considered to be of outstanding universal value.

Paphos, which has been inhabited since the Neolithic period, was a centre of the cult of Aphrodite and of pre-Hellenic fertility deities. Aphrodite's legendary birthplace was on the island of Cyprus, where her temple was erected by the Mycenaeans in the 12th century BC and continued to be used until the Roman period. The site is a vast archaeological area, with remains of villas, palaces, theatres, fortresses and tombs. These illustrate Paphos' exceptional architectural and historic value and contribute extensively to our understanding of ancient architecture, ways of life, and thinking. The villas are richly adorned with mosaic floors that are among the most beautiful in the world. These mosaics constitute an illuminated album of ancient Greek mythology, with representations of Greek gods, goddesses and heroes, as well as activities of everyday life.

Criterion (iii): Cyprus was a place of worship of pre-Hellenic fertility deities since the Neolithic period (6th millennium BC). Many of the archaeological remains are of great antiquity; the Temple of Aphrodite itself dates from the 12th century BC, and bears witness to one of the oldest Mycenaean settlements. The mosaics of Nea Paphos are extremely rare and are considered amongst the finest specimens in the world; they cover the Hellenistic period to the Byzantine period. One of the keys to our knowledge of ancient architecture, the architectural remains of the villas, palaces, fortresses, and rock-hewn peristyle tombs of Paphos are of exceptional historical value.

Criterion (vi): The religious and cultural importance of the cult of Venus, a local fertility goddess of Paphos that became widely recognized and celebrated as a symbol of love and beauty, contributes to the Outstanding Universal Value of this property.

Integrity

All the elements necessary to express the Outstanding Universal Value of Paphos are located within the boundaries of the 291 ha serial property, including the remains of villas, palaces, theatres, fortresses, and the rock-hewn necropolis known as the Tomb of the Kings, as well as mosaics. There is no buffer zone, though the national Antiquities Law provides for the establishment of "Controlled Areas" in the vicinity of the archaeological sites. The property does not suffer unduly from adverse effects of development and/or neglect. Development pressures in the surroundings of the property that threaten to alter the landscape and setting are being dealt with through cooperation with other governmental departments and the local authorities.

The integrity of the property is related to the actions taken by the State Party to preserve the original condition of the ruins. Conservation work undertaken is oriented towards ensuring the structural safety of the ruins, while respecting the original material and its aesthetic value, without interfering with the integrity of the property. Special care is taken in the conservation of the mosaic floors, which benefited from a conservation project with the Getty Conservation Institute that ended in 2004. An extensive conservation programme for the mosaic floors was launched in 2011 by the Department of Antiquities to ensure their preservation. The aim is to continue efforts towards the scientific preservation of the archaeological remains and to further oppose development pressures in the environs of the property.

Authenticity

Paphos is authentic in terms of its locations and settings, forms and designs, as well as materials and substances. The key elements of the property, such as the archaeological remains associated with the cult of Aphrodite, the rare mosaics, and the remains of civil, military, and funerary architecture, retain a high degree of authenticity with regard to the built fabric.

Protection and management requirements

Paphos is protected and managed according to the provisions of the highly effective national Antiquities Law and the international treaties signed by the Republic of Cyprus. In accordance with the Antiquities Law, Ancient Monuments are categorized as being of the First Schedule (governmental ownership) or of the Second Schedule (private ownership). Paphos (both the town of Kato Paphos and the village of Kouklia) is for the most part under government ownership, due to the policy by the Department of Antiquities to gradually acquire land within the sites and their vicinity. Listed Ancient Monuments of the Second Schedule are gradually being acquired according to the provisions of Section 8 of the Antiquities Law. Furthermore, the Law provides for the establishment of "Controlled Areas" within the vicinity around the sites to control the height and architectural style of any proposed building; such areas are in place for both the town of Kato Paphos and the village of Kouklia. Paphos was given "enhanced protection" status in November 2010 by UNESCO's Committee for the Protection of Cultural Property in the Event of Armed Conflict.

Management of the property is under the direct supervision of the Curator of Ancient Monuments and the Director of the Department of Antiquities. The District Archaeological Officer of Paphos is responsible for supervising the property, under the direction of the Curator of Ancient Monuments. The property has sufficient funding, which is provided by the Department of Antiquities from the yearly government budget. A Master Plan for Kato Paphos (Site I) was implemented from 1991 onwards. The second phase of this Master Plan, concerning the creation of shelters for the mosaic floors, is in progress. A Master Plan for Palaepaphos (Site II) has also been prepared and is under progressive implementation. The creation of a management plan for Paphos that addresses the conservation, promotion, and preservation needs of the property is one of the objectives set by the Department of Antiquities for all listed Cypriot World Heritage properties.

Sustaining the Outstanding Universal Value of the property over time will require completing, approving, and implementing a management plan for Paphos, aiming at the conservation, promotion, and preservation of the property's unique values for future generations. It will also reinforce efforts undertaken within the framework of the national legislation to minimise dangers of encroachment and the erection of inappropriate buildings in this favoured tourist area.

State Party Property	Finland: Bronze Age Burial Site of Sammallahdenmäki
Id. N°	579rev
Date of inscription	1999

Brief synthesis

Situated on the Gulf of Bothnia, the Bronze Age Burial Site of Sammallahdenmäki forms the largest, most varied and complete burial site from the Scandinavian Bronze Age, 1500-500 B.C. The site includes 33 burial cairns within an area of 36 ha. The cairns are disposed in several distinct clusters along the crests and upper slopes of a long ridge. Out of eight excavated cairns, six can be dated to the Bronze Age and two to the Early Iron Age.

Stone burial cairns were typical for western Bronze Age culture. These cairns were usually constructed of granite boulders quarried from the cliff face below the crest of the ridge or collected from the site itself. The cairns can be classified into several different groups according to their shapes and sizes. Sammallahdenmäki also contains two unusual structures: one oval and elongated structure, which seems to have been enlarged in successive stages, and a large quadrangular cairn, known as the "Church Floor", which is unique in Finland and extremely rare in Scandinavia. The cairns have no earth fill, and form landmarkson cliffs and gravel hillocks with an extensive view of the sea.

The cairns relate to a new religion, sun worship, which spread to the coastal regions of Finland from Scandinavia, and they have been a manifestation of kin group landownership, which is thought to have appeared with the introduction of farming.

Situated in a rugged, rocky landscape, the cairns bear exceptional witness to the social and religious structures of northern Europe, dating back to more than three millennia. The ancient coastline is still present on the cliffs of Sammallahdenmäki.

Criterion (iii): The Sammallahdenmäki cairn cemetery bears exceptional witness to the society of the Bronze Age of Scandinavia.

Criterion (iv): The Sammallahdenmäki cemetery is an outstanding example of Bronze Age funerary practices in Scandinavia.

Integrity

The Sammallahdenmäki Bronze Age Burial Site includes all elements and individual structures of cairns in an imposing natural setting, on a high ridge marking the former extent of Lake Saarnijärvi, surrounded by pine and spruce trees, and an agricultural landscape. The completeness of the site makes it an invaluable resource for research on the social behavior of societies of the time. Its remote location has protected it from development and the local population has taken pride in its protection.

The buffer zone includes the surrounding forests and agricultural landscape; to the west, it borders on Lake Saarnijärvi, which is defined as a protected bird sanctuary of national significance.

Authenticity

In terms of form and material, the cairns fully express the essence of the burial site of Sammallahdenmäki, as do the setting and the surrounding natural landscape.

The excavations of the cairns have been carried out in different stages, always taking into consideration scientific methods for research, mapping and documentation, to ensure careful restoration of the cairns.

Protection and management requirements

Sammallahdenmäki is fully protected under the national legislation. The site is managed by a Site Management Board, headed by the National Board of Antiquities, and involves representatives of the regional and local authorities, landowners and various stakeholders. The management and actions taken within the site and its buffer zone are in accordance with the Management Plan. Tourists are guided by signage to use the path network, which has been designed to include routes of different lengths, thus minimizing the threat to the vegetation of the site. Large numbers of tourists can cause long-term damage to the vegetation, which in turn might have a

negative impact of the visual aspects of the site. The use of the path network is monitored and documented, which will allow for a timely reaction in case of deterioration.

State Party: Property	Finland: Fortress of Suomenlinna
Id. N°	583
Date of inscription	1991

Brief Synthesis

Suomenlinna (Sveaborg) is a sea fortress, which was built gradually from 1748 onwards on a group of islands belonging to the district of Helsinki. The work was supervised by the Swedish Admiral Augustin Eherensvärd (1710-1772), who adapted Vauban's theories to the very special geographical features of the region. The landscape and the architecture of the fortress have been shaped by several historic events. It has served to defend three different sovereign states over the years: the Kingdom of Sweden, the Russian Empire and most recently the Republic of Finland.

Covering an area of 80 ha and consisting of 200 buildings and 6 km of defensive walls, the fortress stretches over six separate islands. The original fortress was built using local rock and fortified with a system of bastions over varied terrain. The purpose of the fortress was originally to defend the Kingdom of Sweden against the Russian Empire and to serve as a fortified army base, complete with a dry dock. Sandbanks, barracks and various other buildings were added during the 19th-century Russian period. The defensive system was adapted to match the requirements of a modern fortress and developed in the 19th century using contemporary fortification equipment.

After Finland gained independence in 1917, the fortress was renamed Suomenlinna (or Fortress of Finland) and served as a garrison and a harbour. The military role of the fortress declined after World War II, and in 1973 the area was converted for civilian purposes. Since then, buildings have been renovated to serve as apartments as well as workspaces, to house private and public services, and for cultural purposes.

Today, Suomenlinna is one of the most popular tourist attractions in Finland and constitutes a district of Helsinki with 850 inhabitants.

Criterion (iv): In the history of military architecture, the Fortress of Suomenlinna is an outstanding example of general fortification principles of the 17th and 18th centuries, notably the bastion system, and also showcases individual characteristics.

Integrity

Suomenlinna consists of several defensive and utilitarian buildings that blend the architecture and functionality of the fortress within the surrounding landscape. The property includes the islands upon which the fortress was built. This forms a consistent ensemble extensive enough to preserve and present the values of the property. Most of the fortifications and utilitarian buildings dating from the Swedish and Russian periods are well preserved. The fortress has only a few buildings dating from the Finnish era, but they retain their own distinctive identity. A sharp rise in sea level or increased rainfall could threaten the property.

Authenticity

The fortifications and the various buildings, all dating from different eras, as well as the surrounding environment, help preserve Suomenlinna's characteristics, particularly with regard to building materials, methods and architecture. Since Suomenlinna became a residential area, traditional construction methods have been favoured to ensure the preservation of the property, and are implemented in a manner that respects its cultural and historical values.

Protection and Management Requirements

Suomenlinna is legally protected under national legislation. The fortification works are protected by the Ancient Act of 1963 and the church is protected by the Church Act of 1994. The Governing Body of Suomenlinna, a government agency under the Ministry of Education and Culture, owns most of the historical buildings in Suomenlinna. The Governing Body is responsible for the restoration and maintenance of the fortress. The activities are guided by the 1974 Management Plan, which has since been revised. The costs of the Governing Body, which employs around 90 people, are met using funding from the central government budget and from rental income. The Governing Body of Suomenlinna works closely with the National Board of Antiquities, Suomenlinna Prison and the City of Helsinki. Representatives of the local people have a seat in the Governing Body of Suomenlinna.

Suomenlinna is surrounded by open waters and nature reserves. The islands in its vicinity are used by the Finnish Defence Forces, or are subject to restrictive development plans. No changes to the surrounding area that could

threaten the values of the property are planned for the near future. The buffer zone of Suomenlinna ends at downtown Helsinki to the north and the military district to the east and south. The island-based fortress is not threatened by city planning or traffic.

The possibility of a sharp rise in sea levels owing to climate change constitutes a potential threat to the property, as it would accelerate the erosion of coastal structures. Similarly, increased rainfall causes damage to wooden and stone structures. The increase in visitors has also caused sandbanks to become eroded during the summer. The erosion is managed by restricting visitors' access to vulnerable areas during the summer months and regular reports are produced. The threats are recognized in the Suomenlinna Visitor Management Strategy from 2007 and the revised Management Plan from 2013.

State Party: Property	Finland: Old Rauma
Id. N°	582bis
Date of inscription	1991

Brief synthesis

Situated on the Gulf of Bothnia, Rauma is one of few medieval towns in Finland. The core of the town is Old Rauma, which is composed of some 600 buildings constructed of wood, most of which are privately owned, and covers an area of 29 ha. Originally situated at the seashore, the Old Town is located some 1.5 km inland from the present coastline due to land uplift. Old Rauma is both a commercial and a residential area comprising the town area within the toll boundaries of Rauma in the 19th century. The town plan structure of Rauma has been maintained since the medieval period, including the irregular street network, city blocks, plots of land and courtyards. The buildings are mainly one storey tall, and date back between the 18th and 19th centuries, while some cellars remain from earlier houses. The residential houses are placed along the street, and outbuildings such as former animal sheds and granaries are built around narrow courtyards.

The present appearance of the buildings is a result of phases of gradual changes and enlargements between the 18th and the late 19th centuries. At the end of this period, the increased wealth of the town due to ship trading resulted in the extension and modernisation of residential buildings with decorative exterior panels with Neo-Renaissance details, and the characteristic, highly decorative gates of the courtyards.

The commercial area is located along two main streets stretching through the Old Town, while the Market Square, in the middle of the Old Town, forms the main meeting point and commercial place for local people and producers. The medieval church, built around a Franciscan monastery, and the former Town Hall built in 1775-76 in the Market Square are landmarks in the harmonious townscape of one-storey residential and commercial buildings. The architecturally homogenous urban area of Old Rauma is a well preserved and representative example of traditional Nordic wooden town building techniques and traditions.

Criterion (iv): The town of Old Rauma constitutes one of the best preserved and most expansive examples of northern European architecture and urbanism.

Criterion (v): Old Rauma is an outstanding example of a Nordic city constructed in wood, and acts as a witness to the history of traditional settlements in northern Europe.

Integrity

Old Rauma includes all elements necessary to express its Outstanding Universal Value, namely the entire urban area dating back to between the 17th and 19th centuries, when the town expanded to the west. The town includes all elements that contribute to its integrity: the street network, city blocks, plots of land, as well as the buildings themselves. The historic fabric of the city has been built over centuries, forming different historic layers. The historic houses, courtyards, fences and gates, as well as the traditional street pavements, form a homogenous urban entity.

The buffer zone of Old Rauma is based on local topography and its scale allows to include all visual and historic elements in the vicinity of the property.

Climate change might cause a threat to the integrity of the World Heritage property.

Authenticity

The authenticity of Old Rauma is based on the well-preserved historic urban fabric, including different historic layers and building traditions. The urban morphology, including street networks, plots of land and historical buildings, such as houses for commercial and residential use, is exceptionally well preserved. The individual houses are well preserved and have been renovated and restored over time, taking into consideration their historic value. The town has maintained a genuine local spirit, as well as a characteristic local dialect. Old Rauma

has preserved its function as a residential area and commercial centre with its Market Square and a variety of shops along the main streets. The use of traditional building techniques, skills and materials in maintenance and repairs helps preserve the cultural historic spirit of Old Rauma.

Protection and management requirements

Old Rauma is protected under the national legislation. The site is managed by a steering group with members of the national and local authorities and a local stakeholder. A local site manager has been appointed by the municipality and works from the Tammela renovation centre, providing services and technical assistance in repairs and renovation to homeowners. This service is free of charge to Old Town citizens. The centre also has a bank of traditional building materials and organizes workshops for local inhabitants to build architectural details.

City development is guided by detailed land use plans and cooperation between state authorities and the city, in order to overcome the challenges arising from development pressures.

Climate change may threaten individual buildings of Old Rauma, due to increasingly humid and warm winters that lead to a proliferation of harmful insects in wooden structures. The overall management system foresees appropriate follow-up for this issue.

State Party: Property	Finland: Petäjävesi Old Church
Id. N°	584
Date of inscription	1994

Brief synthesis

Built for a small Lutheran parish in central Finland, Petäjävesi Old Church is located on a peninsula at Lake Solikkojärvi and is surrounded by an agricultural landscape with lakes and forest, typical of the region.

Construction of this wooden church was led by a local master builder, Jaakko Leppänen. The bell tower was added to the western part of the church in 1821 by the master's grandson, Erkki Leppänen.

Petäjävesi Old Church is representative of the architectural tradition of wooden churches in northern Europe. The Old Church is a unique example of traditional log construction techniques applied by the local peasant population in northern coniferous forest areas. European architectural trends, which have influenced the external form and layout of the church, have been masterfully applied to traditional log construction.

The adaption of forms and techniques of varied provenance makes this church a multi-layered landmark and an outstanding example of Nordic church architecture. The church is built entirely of pine wood, worked in a constructive and economical manner.

The layout and interior of the church, with intricate perspectives, vaulting and a central cupola, combines the influences of Renaissance, Baroque and Gothic styles with the Finnish vernacular tradition of log construction. The steepness of the pitched roof recalls the Gothic tradition. The interior's hand-carved log surfaces with their silky patina and the silvery sheen on the seasoned walls lend the hall its unique atmosphere, which is further enhanced by the slightly irregular placement of the floor beams and pews. The distinctive features of the interior are the elaborately carved pulpit, pews, chandeliers, and galleries with balustrades, which are entirely the work of local craftsmen and artists.

In 1879, a new church was built on the other side of the strait and the Old Church went out of use. Repairs, restoration and conservation works started in the 1920s when the historical and architectural value of the Old Church was recognized. Today, the churchyard is still in use, while the church is used only in the summer.

Criterion (iv): Petäjävesi Old Church is an outstanding example of the architectural tradition of wooden churches in northern Europe.

Integrity

Petäjävesi Old Church includes all key elements necessary to express its Outstanding Universal Value, such as the graveyard surrounded by a fence and the nearby landscape setting, fields and lakeside. The integrity of the wider agricultural landscape was affected by the construction of a highway to the south of the church in 1960s.

The buffer zone of Petäjävesi Old Church includes the entire agricultural landscape surrounding the church as well as the lakeside. Climate change might threaten the integrity of the property.

Authenticity

In terms of form, construction and materials, Petäjävesi Old Church truthfully expresses the essence and spirit of the wooden church building traditions of northern Europe. The church is well preserved due to the fact that it was abandoned in the late 19th century, as the new parish church was built, and did not suffer from major alterations such as the installation of heating systems. The church is therefore used only during the summer season. Traditional techniques and materials have been used in previous and recent conservation works, and interventions have been kept to a minimum in order to preserve the tangible values and the spirit of the church. The graveyard surrounding the church, which dates back to the 18th century, is still in use.

Protection and management requirements

The property and its buffer zone are legally protected under national legislation and are managed by a management board headed by the Petäjävesi Old Church Trust. The church is owned by the local parish. Long and short term operations are guided by a Management Plan.

Conservation works are carried out using traditional materials and craftsmanship. A specific forest has been designated to guarantee the supply of high-quality wood. The conservation philosophy is to do minimum intervention and only when necessary.

Climate change causing increasingly warm and humid autumns and winters, might threaten the property's wooden constructions on a long term basis. As part of the overall management system, special attention is paid to documentation and follow-up of the alterations caused by weather conditions.

Fire safety measures have been taken by installing a fire alarm, a pump station, as well as an automatic extinguishing system.

Wear to the wooden floors, caused by increased numbers of visitors, has been addressed by the use of slippers during visits.

State Party: Property	Finland: Verla Groundwood and Board Mill
Id. N°	751
Date of inscription	1996

Brief synthesis

Verla Groundwood and Board Mill, located in the northern part of the Kymi River Valley in southeast Finland, consists of the Mill, the associated residential area and the power plants. The mill buildings and the workers' houses mostly date from the 1890s and from the beginning of the 20th century. The property is a very well preserved example of a forest industry settlement of the late 19th century. Similar communities were established in coniferous forest zones in northern Europe and in North America, where wood as a raw material and water as a source of energy were easily at hand.

The first groundwood mill in Verla was founded in 1872 and the board mill began operations ten years later. The existing buildings, which are architecturally harmonious, date back to the turn of the 20th century. The mill itself ceased to operate in 1964, and all the machines and items related to production were left in the mill as they were when the production ceased. The buildings and the machines were carefully conserved and turned into a museum, and the Verla Mill Museum was officially opened in 1972.

The property itself consists of approximately 50 buildings in an area of 23 ha. The Verlankoski Rapids separate the production area from the residential area. On the rapids, there are three water power plants from three different decades, the newest one dating from the 1990s. The mill owner's residence and a park from the late 19th century dominate the village. The sheer rock face above the rapids bears a prehistoric rock painting, representing fishing and hunting.

Criterion (iv): The Verla Groundwood and Board Mill and its associated habitation are an outstanding and remarkably well preserved example of the small-scale rural industrial settlement associated with pulp, paper, and board production that flourished in northern Europe and North America in the 19th and early 20th centuries, of which only a handful survives to the present day.

Integrity

The Verla Groundwood and Board Mill with its machinery, the Verlankoski Rapids and power plants, the associated residential area and installations form a visually and functionally intact complex. The property includes all the built elements associated with production, habitation and leisure in the mill village, as well as the rapids, the surrounding forests, and the prehistoric rock painting.

Authenticity

The Verla Groundwood and Board Mill and its associated buildings, equipment, installations and landscape have remained almost intact. The fact that the machinery needed for the production of groundwood pulp and board has remained at its original place adds to the authenticity. The buildings and the installations have preserved their characteristic features with regard to the materials, construction methods and architecture. Furthermore, the authenticity of Verla is reinforced by the well-preserved wooded landscape.

Protection and management requirements

Verla is protected according to national legislation. UPM-Kymmene Corporation, the principal landowner, is responsible for the administration of the site and for the Management Board of Verla, which includes the authorities and owners of the site. The Board controls and instructs the operations involving restoration and maintenance according to the Management Plan.

The groundwood and board mill is surrounded by a forested area, which is located in the buffer zone of the property. Landscape and environment values are taken into consideration when forestry work is done.

The flow of water in the power plant canal, adjacent to the board mill, has threatened the conservation and safety of the mill building, as water from the canal was leaking into the mill. To solve this problem, a new power plant canal, which separates the water from the building, was opened in January 2014.

Verla Groundwood and Board Mill is located in a rural area and is closed during the winter. Due to its remote location, fire and other accidents are considered potential threats to the property. Because of this, the most central parts of the property are protected by automatic fire alarms and fire extinguishing systems.

State Party: Property	Georgia: Historical Monuments of Mtskheta
Id. N°	708
Date of inscription	1994

Brief synthesis

The Historical Monuments of Mtskheta are located in the cultural landscape at the confluence of the Aragvi and Mtkvari Rivers, in Central-Eastern Georgia, some 20km northwest of Tbilisi in Mtskheta. The property consists of the Jvari Monastery, the Svetitskhoveli Cathedral and the Samtavro Monastery.

Mtskheta was the ancient capital of Kartli, the East Georgian Kingdom from the 3rd century BC to the 5th century AD, and was also the location where Christianity was proclaimed as the official religion of Georgia in 337. To date, it still remains the headquarters of the Georgian Orthodox and Apostolic Church.

The favourable natural conditions, its strategic location at the intersection of trade routes, and its close relations with the Roman Empire, the Persian Empire, Syria, Palestine, and Byzantium, generated and stimulated the development of Mtskheta and led to the integration of different cultural influences with local cultural traditions. After the 6th century AD, when the capital was transferred to Tbilisi, Mtskheta continued to retain its leading role as one of the important cultural and spiritual centres of the country.

The Holy Cross Monastery of Jvari, Svetitskhoveli Cathedral and Samtavro Monastery are key monuments of medieval Georgia. The present churches include the remains of earlier buildings on the same sites, as well as the remains of ancient wall paintings. The complex of the Svetitskhoveli Cathedral in the centre of the town includes the cathedral church, the palace and the gates of the Katolikos Melchizedek that date from the 11th century, built on the site of earlier churches dating back to the 5th century. The cruciform cathedral is crowned with a high cupola over the crossing, and there are remains of important wall paintings in the interior. The rich sculpted decoration of the elevations dates from various periods over its long history. The small domed church of the Samtavro Monastery was originally built in the 4th century and has since been subject to various restorations. The main church of the monastery was built in the early 11th century. It contains the grave of Mirian III, the king of Iberia who established Christianity as official religion in Georgia.

The Historical Monuments of Mtskheta contain archaeological remains of great significance that testify to the high culture in the art of building, masonry crafts, pottery, as well as metal casting and processing, and the social, political, and economic evolution of this mountain kingdom for some four millennia. They also represent associative values with religious figures, such as Saint Nino, whose deeds are documented by Georgian, Armenian, Greek and Roman historians, and the 6th-century church in Jvari Monastery remains the most sacred place in Georgia.

Criterion (iii): The historical monuments of Mtskheta bear testimony to the high level of art and culture of the vanished Kingdom of Georgia, which played an outstanding role in the medieval history of its region. They

express the introduction and diffusion of Christianity to the Caucasian mountain region and bear testimony of the social, political and economic evolution of the region since the late 3rd millennium BC.

Criterion (iv): The historic churches of Mtskheta, including Jvari Monastery, Svetitskhoveli Cathedral and Samtavro Monastery, are outstanding examples of medieval ecclesiastical architecture in the Caucasus region, and represent different phases of the development of this building typology, ranging from the 4th to the 18th centuries.

Integrity

The Historical Monuments of Mtskheta is a serial property that includes the Holy Cross Monastery of Jvari, Svetitskhoveli Cathedral and Samtavro Monastery, all attributes that represent the development of the building typology from the 4th to the 18th centuries. The components of the property have retained their material integrity and significant features conveying their Outstanding Universal Value. The impact of deterioration processes is controlled through ongoing conservation and maintenance programmes. The monuments form important landmarks within the cultural landscape of the Mtskheta river valley. The visual qualities of the setting are maintained through legal and administrative measures as part of the management regime. However, unifying the buffer zone remains a crucial measure to enhance the protection of the property and to allow a clear understanding of the archaeological and visually sensitive areas around the property. Potential threats to the setting of the property, derived from development projects, will also need to be controlled through appropriate land use planning.

Authenticity

There have been a number of reconstructions and restorations at the Jvari Monastery, Svetitskhoveli Cathedral and Samtavro Monastery. Many of the works carried out in the 19th century were typical for their time and do not conform to modern conservation standards. Notwithstanding, in terms of materials and techniques, the architectural ensemble retains a relatively high level of authenticity, while the authenticity of the setting and the archaeological sites is significantly high. In addition, Mtskheta has maintained its role as the spiritual and cultural centre of the country, assumed ever since the introduction of Christianity in the region.

Protection and management requirements

Based on the respective legal acts of the National Legislation of Georgia enforced in 1940 and 1957, Mtskheta and its surroundings were granted the status of Archaeological-Architectural Reserve in 1977. Mtskheta was defined as a town-museum and a plan for its development, which provided for the preservation of the scale and townscape, was approved in 1973. Since the 1990s, the protection of the property has been regulated on the basis of the national cultural heritage and spatial planning legislation.

The system of cultural heritage protection zones was enforced in 2006 and amended in 2012. A Management Plan has been prepared but there are still challenges in improving the site management mechanism and the coordination between the different management stakeholders. This would guarantee more coherent decision making over the land use in the buffer zone of the property and prevent inappropriate interventions in the landscape setting of the property. The implementation of Urban Land-Use Master Plans, which include zoning regulations to establish no construction zones and limit development in relation to the attributes of the property and specific landscape setting, with associated important views and connection lines, will be crucial for sustaining the conditions of integrity.

State Party: Property	Georgia: Upper Svaneti
Id. N°	709
Date of inscription	1996

Brief synthesis

Preserved by its long-lasting geographical isolation, the mountain landscape of the Upper Svaneti region is an exceptional example of mountain scenery with medieval villages and tower houses.

The property occupies the upper reaches of the Inguri River Basin between the Caucasus and Svaneti ranges. It consists of several small villages forming a community that are dominated by the towers and situated on the mountain slopes, with a natural environment of gorges and alpine valleys and a backdrop of snow-covered mountains. The most notable feature of the settlements is the abundance of towers.

The village of Chazhashi in Ushguli community, situated at the confluence of the Inguri and Black Rivers, has preserved more than 200 medieval tower houses, churches and castles. The land use and settlement structure reveal the continued dwelling and building traditions of local Svan people living in harmony with the surrounding

natural environment. The origins of Svaneti tower houses go back to prehistory. Its features reflect the traditional economic mode and social organization of Svan communities. These towers usually have three to five floors, and the thickness of the walls decreases, giving the towers a slender, tapering profile. The houses themselves are usually two-storeyed; the ground floor is a single hall with an open hearth and accommodation for both people and domestic animals, the latter being separated by a wooden partition, which is often lavishly decorated. A corridor annex helped the thermal insulation of the building. The upper floor was used by the human occupants during summer, and also served as a store for fodder and tools. A door at this level provided access to the tower, which was also connected with the corridor that protected the entrance. The houses were used both as dwellings and as defence posts against the invaders who plagued the region.

The property is also notable for the monumental and minor arts. The mural paintings are outstanding examples of Renaissance painting in Georgia.

Criterion (iv): The region of Upper Svaneti is an outstanding example of an exceptional mountain landscape composed of highly preserved villages with unique defensive tower houses, examples of ecclesiastical architecture and arts of medieval origin.

Criterion (v): The region of Upper Svaneti is an outstanding landscape that has preserved to a remarkable degree its original medieval appearance notable for its fragile traditional human settlements and land-use patterns.

Integrity

The elements conveying the Outstanding Universal Value of Upper Svaneti are included within the boundaries of the property and its buffer zone. The exceptional medieval landscape, with its traditional settlement patterns, architecture and land use forms, ensures the representation of the property's significance and has retained its original appearance and substance to a great extent.

The architectural elements of the property have maintained the medieval material and most of them have retained their original use and function as well as the relationship with the surrounding environment.

Authenticity

All elements credibly express the Outstanding Universal Value of the property as they retain their authentic medieval form and distribution of traditional settlement and land use patterns, landscape setting, design of architectural typology, and they preserve to a high degree original material as well as the functions of dwelling and ecclesiastical structures. The interaction between humans and nature in the landscape is completely authentic and of high importance.

The geographical location and setting of this exceptional medieval landscape highly contribute to preservation of the forms of local intangible heritage, such as traditions, customs, beliefs, rituals of everyday life, language and folklore of the Svan community.

The harsh environmental conditions, lack of access during long winter periods, and inappropriate repair techniques applied to maintain the traditional structures often challenge the authenticity of material and the state of conservation of the components of the property.

Management and protection requirements

The property has been designated as Ushguli-Chazhashi Museum Reserve since 1971. In the Soviet period the boundaries of the Strict Protection and Protection Zones were also defined. Due to several changes of cultural heritage legislation in the last 20 years, the boundaries of the protected landscape have changed. Currently the landscape is protected within 1 km radius around Chazhashi village, the component of the World Heritage property, as well as within 500 m around national monuments. This zone represents the legally protected buffer zone of the property with strict limitations for development activities. The individual architectural elements as well as entire villages of the Ushguli community (Chazhashi, Jibiani, Chvibiani and Murk'meli) remain listed as national monuments under the National Law on Cultural Heritage. The law prohibits any interventions on monuments without a prior permit from relevant state authorities and at the same time provides the highest level of protection zoning for these structures as to the elements of the World Heritage property. Other national laws in specific circumstances also apply.

The overall management and monitoring is implemented by the National Agency for Cultural Heritage Preservation of Georgia and its division - Parmen Zakaraia Nokalakevi Architectural-Archaeological Museum-Reserve. Due to the severe weather conditions that isolate the region in winter and the lack of financial resources it is difficult to implement regular monitoring missions at the site. The severe climatic conditions as well as insufficient conservation and management capacities remain among the risks to the property.

There is no Management Plan enforced. The local population and its traditional system of community management remain the key factors in the property management.

ICOMOS Georgia has actively worked on the different issues of Upper Svaneti cultural heritage and particularly on the site of Chazhashi village. In 2000-2001 a multidisciplinary research was implemented to study the different features of the site, including the community and social issues. Based on this research the Conservation Plan and

a Site Development Strategy were prepared. These were followed by the rehabilitation-restoration projects for the historical buildings of the Chazhashi village.

State Party: Property	Germany / Poland: Muskauer Park / Park Mużakowski
Id. N°	1127
Date of inscription	2004

Brief synthesis

Muskauer Park / Park Mużakowski is an extensive landscape initially developed between 1815 and 1844 by Prince Hermann von Pückler-Muskau on the grounds of his estate, and continued by his student, Eduard Petzold. Set harmoniously in the river valley of the Lusatian Neisse, the park's integration into the local town and surrounding agricultural landscapes heralded a new approach to landscape design and contributed to the advancement of landscape architecture as a discipline. The extensive site includes the river Neisse, other water features, human-made and natural, bridges, buildings, forested areas, and paths. It is an example of a cultural landscape in which the site's natural attributes have been harnessed with the utmost skill.

The park is of the highest aesthetic quality and its composition blends fluidly with the naturally-formed river valley. Its essence is the visual relationship between the central residence, the New Castle, and a series of topographical focal points comprising ideal vantage points laid out along riverside terraces flanking the valley, each of which forms part of a masterfully fashioned network of vistas. Pückler incorporated human-made architectural elements into this network along with natural components, including the terrain's geological features. It is distinctive with its extraordinary simplicity and expansiveness.

The property encompasses the central portion of this extensive landscape composition measuring 348 ha (136.10 ha in Germany and 211.9 ha in Poland). The remaining part of the composition falls within the surrounding buffer zone of 1,205 ha.

Pückler laid the foundations of integrated landscape design with the extension of the park into the town of Bad Muskau through green passages and urban parks. The incorporation of the community into the overall composition, as a key component in his planned utopian landscape, had a great impact on contemporary town planning, particularly in the United States (as illustrated by the green areas of the city of Boston) and on the development of the landscape architecture profession. Pückler published his principles of landscape design theory in *Andeutungen über Landschaftsgärtnerei* (1834). Moreover, the training of landscape gardeners by Prince von Pückler and his student Eduard Petzold helped create skill standards which influenced the work of other gardeners and planners. This training tradition has been revived in recent times by the creation of the Muskauer School, as an international school for the training in garden and cultural landscape maintenance.

Criterion (i): Muskauer Park / Park Mużakowski is an exceptional example of a European landscape park that broke new ground in terms of development towards an ideal human-made landscape.

Criterion (iv): Muskauer Park / Park Mużakowski was the forerunner for new approaches to landscape design in cities, and influenced the development of landscape architecture as a discipline.

Integrity

The boundary of the property encompasses the core zone of this extensive landscape including, in their entirety, all of the most important features from the original concepts devised by Prince von Pückler and continued by Eduard Petzold. The remaining park has been included in the buffer zone. Within Germany, the estate comprises the Castle Park, Spa Park, and Upper Mountain Park including the Upper Walk. On the Polish side of the property, the Park on Terraces and Petzold's Arboretum can be found. The property's division by a national boundary does not compromise its integrity, since the joint transboundary management ensures that it retains its cohesive composition. The two parts of the park on either side of the Lusatian Neisse are regarded as an integral entity.

During the Second World War, the property sustained significant damage, particularly with the destruction of both castles along with the bridges spanning the river Neisse, and many individual elements of the property have not survived intact.

Authenticity

The park's basic layout has not undergone any major changes since it first came into being in the first half of the 19th century. Specifically, the composition retains its original spatial structure, including the layout of its roads, water features and topography. Although the property has changed hands several times and is no longer a private estate, successive owners and gardeners have upheld Prince von Pückler's original vision and design reflecting the high regard in which his genius continues to be held.

The conservation approach respects the evolution of the park throughout the 19th century and thus Pückler's initial design as it was implemented during his lifetime and after his death. This applies to the shape of the park and its spatial relationships as well as to the condition of trees, pathways, watercourses and buildings. Restoration work to address some of the damage sustained to the property during the Second World War stresses the overall plan and the relationship between built elements. This work is based on detailed documentation, original plans and other archival records, as well as on meticulous research. The recent restoration of the bridges re-establishes a link between the two halves of the property across the river. The authenticity of the property has been strengthened by the exterior restoration of the New Castle, the central element and spatial dominant of the original park layout created by Prince von Pückler.

Protection and management requirements

The property is primarily under state ownership. On the German side, the Free State of Saxony owns a large majority of the site and in Poland ownership is held by the State Treasury.

Both parts of the park are protected in their respective countries under the provisions of heritage protection, nature conservation and spatial planning laws, while in terms of implementing statutory provisions it is imperative to establish interdisciplinary protection priorities and the appropriate means of their implementation.

German and Polish institutions responsible for the individual parts of the park collaborate closely to manage the property, based on cooperation agreements regarding strategy planning and management of the estate. The managing institutions take decisions relating to strategy and joint investments, whilst the methods for implementing joint projects and initiatives are formulated by a Polish-German Working Group specially appointed for this purpose. The management of the park and all important decisions are evaluated and approved by the International Conservation Board of Muskauer Park / Park Mużakowski and Park Branitz. The system of management is determined by a single comprehensive Management Plan and the international cooperation fully guarantees the implementation of both general and detailed objectives of the plan focused on maintaining the property's integrity.

State Party: Property	Germany: Abbey and Altenmünster of Lorsch
Id. N°	515bis
Date of inscription	1991

Brief synthesis

The town of Lorsch in Hesse, Germany, hosts the renowned "Königshalle". Apart from the Gothic gables and a few relics of past repairs and completion, this gatehouse is one of the very rare buildings from the Carolingian era whose original appearance is intact. It is a reminder of the past grandeur of an abbey founded around 764. The monastery's zenith was probably in 876 when, at the death of Louis II the German, it became the burial place for the Carolingian kings of the Eastern part of the Frankish Realm.

The monastery flourished throughout the 11th century, but in 1090 was ravaged by fire. In the 12th century, an expansive reconstruction was carried out. After Lorsch had been incorporated in the Electorate of Mainz (1232), it lost a large part of its privileges. The Benedictines were replaced first by Cistercians and later by Premonstratensians. Moreover, the church had to be restored after yet another fire and be adapted to changing liturgical needs. The glorious Carolingian establishment slowly deteriorated under the impact of the vagaries of politics and war: Lorsch was attached to the Palatinate in 1461, returned to Mainz in 1623, and incorporated in the Electorate of Hesse in 1803. Monastic life finished in succession of the protestant reformation of the Palatinate in 1556.

Criterion (iii): The religious complex represented by the former Lorsch Abbey, with its 1200-year-old gatehouse in unique and excellent condition, comprises a rare architectural document of the Carolingian era with impressively preserved sculpture and painting of that period.

Criterion (iv): The Lorsch Abbey, with its Carolingian gatehouse, gives architectural evidence of the awakening of the West to the spirit of the Early and High Middle Ages under the first King and Emperor, Charlemagne.

Integrity

In the case of the Abbey and Altenmünster of Lorsch, the integrity is related to the architectural remains, i.e. the entrance hall and main body of the Abbey church, documenting an astonishing variety of architectural styles. The Abbey wall and the commercial constructions following the heyday of the Abbey provide an example and – to a certain extent – represent symbols of the rise, glory, and fall of one of Europe's great Abbeys, of which not one has remained preserved. Never having been superstructured, at least two thirds of the Abbey's area represents an intact archaeological site, preserving the material relics of more than 800 years of monastic life. Together with the

monumental remains and the conserved fragments of the ancient library, the cultural heritage of Lorsch Abbey has been one of the most powerful and active spiritual centers in Central Europe for several centuries.

Authenticity

The Abbey and Altenmünster of Lorsch fulfils the conditions of authenticity through the preserved buildings themselves, in particular through the "Königshalle", which still represents the best preserved and largely intact surviving example of architecture of the Carolingian era in Central Europe.

All the buildings are maintained, preserved, researched, and presented with the greatest possible care. The sculptures and paintings from this period are still in remarkably good condition.

Protection and management requirements

The laws and regulations of the Federal Republic of Germany and the State of Hesse guarantee the consistent protection of the Abbey and Altenmünster of Lorsch and its surroundings. Both are listed monuments according to the Act on the Protection of Cultural Monuments in the State of Hesse. The Hessian building code regulates the realisation of single building projects. The land-use plan, as well as building plans and the preservation statute of the city of Lorsch, guarantees the protection of the visual integrity. Complemented by the management plan, this differentiated protective system ensures an efficient preservation of the historical substance in good condition. The buffer zone underwent a minor boundary modification to further ensure the protection of the site.

The State Administration for Palaces and Gardens of Hesse is in charge of the management of the Abbey, the city of Lorsch is responsible for the Altenmünster. A special heritage service, led by an expert, acts on site. In the case of difficult conservation issues, the State Administration for Palaces and Gardens of Hesse calls an independent, international expert commission to guarantee highest standards for the preservation of the historical substance of the World Heritage property.

State Party: Property	Germany: The Bauhaus and its Sites in Weimar and Dessau
Id. N°	729
Date of inscription	1996

Brief synthesis

Between 1919 and 1933, the Bauhaus School, based first in Weimar and then in Dessau, revolutionised architectural and aesthetic concepts and practices. The buildings created and decorated by the school's professors (Henry van de Velde, Walter Gropius, Hannes Meyer, Laszlo Moholy-Nagy and Wassily Kandinsky) launched the Modern Movement, which shaped much of the architecture of the 20th century and beyond. Component parts of the property are the Former Art School, the Applied Art School and the Haus am Horn in Weimar, the Bauhaus Building and the group of seven Masters Houses in Dessau.

The Bauhaus represents the desire to develop a modern architecture using the new materials of that time (reinforced concrete, glass, steel) and construction methods (skeleton construction, glass facades). Based on the principle of function, the form of the buildings refuse the traditional, historical symbols of representation. In a severely abstract process, the architectural forms - both the subdivided building structure and the individual structural elements - are reduced to their primary, basic forms; they derive their expression, characteristic of Modernist architecture, from a composition of interpenetrating cubes in suggestive spatial transparency. The Bauhaus was a centre for new ideas and consequently attracted progressive architects and artists.

The Bauhaus School has become the symbol of modern architecture for both its educational theory and its buildings throughout the world and is inseparable from the name of Walter Gropius. The Bauhaus itself and the other buildings designed by the masters of the Bauhaus are fundamental representatives of Classical Modernism and as such are essential components of the image of their period of the 20th century. Their consistent artistic grandeur is a reminder of the still uncompleted project for "modernity with a human face", which has sought to use the technical and intellectual resources at its disposition not in a destructive way but to create a living environment worthy of human aspirations. For this reason, they are important monuments not only for art and culture, but also for the historic ideas of the 20th century. Even though the Bauhaus philosophy of social reform turned out to be little more than wishful thinking, its utopia became reality through the form of its architecture. Its direct accessibility still has the power to fascinate and belongs to the people of all nations as their cultural heritage.

Criterion (ii): The Bauhaus building in Dessau is a central work of European modern art, embodying an avant-garde conception directed towards a radical renewal of architecture and design in a unique and widely influential way.

Criterion (iv): The Bauhaus itself and the other buildings designed by the masters of the Bauhaus are fundamental representatives of Classical Modernism and as such are essential components of the image of their period of the 20th century.

Criterion (vi): The Bauhaus architectural school was the foundation of the Modern Movement which was to revolutionise artistic and architectural thinking and practice in the 20th century.

Integrity

The Bauhaus and its Sites in Weimar and Dessau includes all elements necessary to express the Outstanding Universal Value of the property, reflecting the development of Modernism, which was to have worldwide influence in the visual arts, applied art, architecture, and urban planning. The five component parts are of adequate size to ensure protection of the features and processes which convey the significance of the property.

Authenticity

Although the three buildings in Weimar have undergone several alterations and partial reconstructions, there is no reason to dispute their authenticity (apart from the reconstructed murals in the two Schools). Similarly, despite the level of reconstruction, the Bauhaus building in Dessau preserves its original appearance and atmosphere, largely thanks to the major restoration work carried out in 1976. As for the Masters Houses, the restoration work carried out on one of the semi-detached houses (No 63 Ebertallee) was based on thorough research and may be judged to meet the test of authenticity. If future restoration work on the other semi-detached houses is carried out according to the same principles and methods, the question of authenticity would be addressed satisfactorily.

Protection and management requirements

The two former Art Schools, the Applied Art School and the Haus am Horn in Weimar are protected by listing in the Register of Historical Monuments of the Free State of Thuringia as unique historical monuments, under the provisions of the Thuringian Protection of Historic Monuments Act of 7 January 1992. The Bauhaus is listed in the equivalent Register of the State of Saxony-Anhalt (Protection of Historical Monuments Act of 21 October 1991); it is used by the Bauhaus Foundation for Research, a public foundation. The Meisterhäuser (Masters Houses) are municipal property, but not legally protected. In Weimar the status of registered historic monuments guarantees that the requirements for monument protection will be taken into account in any regional development plans. There is also a buffer zone, reflecting a monument zone, for the protection of the World Heritage property.

The buildings that make up the property are owned by the Ministry for Science and Humanities of the Free State of Thuringia (former School of Art), the Weimar Academy for Architecture and Building Arts (former School of Applied Arts), the Municipal corporation of Weimar (Haus am Horn), the City Administration of Dessau (Bauhaus), and the Municipal corporation of Dessau (Masters Houses).

Overall responsibility for protection of the Weimar monuments is with the Ministry for Science and Humanities of the Free State of Thuringia and for those in Dessau with the Ministry of Culture of the State of Saxony-Anhalt, in both cases operating through their respective State Offices for the Preservation of Historical Monuments. Direct management is assigned to the appropriate state and municipal authorities, operating under their respective protection regulations. In Dessau, the site of the Bauhaus itself is managed by the Foundation Bauhaus Dessau (*Stiftung Bauhaus Dessau*).

State Party: Property	Germany: Castles of Augustusburg and Falkenlust at Brühl
Id. N°	288
Date of inscription	1984

Brief synthesis

Set in an idyllic garden landscape, begun by architect Johann Conrad Schlaun, and finished by François de Cuvillies, Augustusburg Castle, the sumptuous residence of the prince-archbishops of Cologne, and the Falkenlust hunting lodge, a small rural folly, are among the earliest and best examples of 18-century Rococo architecture in Germany, and directly linked to the great European architecture and art of unprecedented richness of the time. In 1725, Clemens August of Bavaria (1700-1761), Prince-Elector and archbishop of Cologne, planned and constructed this large residence at Brühl on the foundations of a medieval castle. It consists of three wings built of brick with rough-cast rendering and has two adjoining orangeries, one on the south side which includes an oratory, while the other to the north houses various service buildings.

The Castle of Augustusburg, a bold and successful revamping of the lack-lustre construction of Schlaun and the hunting lodge of Falkenlust, a dazzling creation, ex nihilo, are one of the best examples of the Rococo style, this international art of unprecedented richness. At Augustusburg, the staircase of Balthasar Neumann – considered a

work of creative genius – is a rapturous structure which unites a lively movement of marble and stucco, jasper columns and caryatids, and culminates in the astonishing frescoed ceiling of Carlo Carlone. The central block, the wings of the parade, and the private apartments are organised in a hierarchy of effects of outstanding conception, while the décor “bon enfant” of the new grand summer apartments, with its faience tiles from the Low Countries, opposes the “official” programme.

The Castle of Falkenlust stands in its own small park. It was built by François de Cuvilliés between 1729 and 1737 for Prince-Elector of Cologne, Clemens August, to practise his favourite sport of falconry. The main building has two floors and is built in the style of a country house in brick with a rough-cast rendering. It is flanked by two rectangular single-storey buildings, which originally housed the Prince Elector’s falcons and are now mainly used for exhibitions.

Falkenlust is a country house with symmetrical avant-corps. On the ground floor, an oval salon is conceived in the same language of improvisation, charm, and liberty François de Cuvilliés was known for in his work. In the Chapel, the Bordelais Laporterie, an astonishing marine grotto was created, its walls faced with shells and concretions.

The large gardens of Augustusburg and Falkenlust, laid out in a single campaign, both oppose and complement each other.

At Augustusburg, Dominique Girard (ca. 1680 – 1738, pupil of Le Nôtre) proved more aware of landscape decor, multiplying monumental ramps and symmetrical flowerbeds, as those of the gardens of Nymphenburg, Schleissheim, and the Belvedere of Vienna. The core of the gardens, situated on the south side of the Castle, is a two-part embroidery-like parterre that includes four fountains and the Mirror Pool fed by a small cascade, running from a circular basin with an impressive fountain. Alleys lined with lime-trees flank the embroidery parterre and lead to triangular bosques. The adjoining semi-circular park is enclosed by a ditch and a wall. The main alley is crossed diagonally by a second pathway, lined with lime trees, and leads south-east through the field to the Castle of Falkenlust.

At Falkenlust, the landscaping, although highly concentrated, nonetheless endeavours to create the randomness of a natural site.

Criterion (ii): Augustusburg and Falkenlust represent the first important creations of Rococo style in Germany. For more than a century, they were a model in the majority of the princely courts.

Criterion (iv): The castles and gardens of Augustusburg and Falkenlust are the eminent example of the large princely residence of the 18th century.

Integrity

The whole site comprising the Castle of Augustusburg, its park and gardens, and the Castle of Falkenlust, contains all the elements necessary to express the Outstanding Universal Value.

Authenticity

The original overall design of the Castles has been maintained to an exceptional extent. It has preserved its character as a Rococo electoral residence and has, in large part, been spared any subsequent transformations due to continued use and function as a residence and museum.

The gardens of Augustusburg Castle are among the few in Europe to have been restored to their original plan. They can be said to be the most authentic example of formal gardens in the French style outside of France.

Protection and management requirements

The laws and regulations of the Federal Republic of Germany and the State of North Rhine-Westphalia guarantee the consistent protection of the Castles of Augustusburg and Falkenlust. They are listed monuments according § 2 and § 3 of the Act on the Protection and Conservation of Monuments in the State of North Rhine-Westphalia. Building activities within and outside the property are regulated by § 9 (2) Protection Law, Local Building Plans and regional Land Use Plans. Furthermore, the property is protected by the Federal Nature Conservation Act. The castles are opened to the public as museums.

The State of North Rhine-Westphalia, as owner of the property, is responsible for the budget, the management, the conservation, and the sustainable use of the World Heritage site. Construction and conservation issues are organized and managed in close co-operation with the Office for the Conservation of Monuments of the Rhineland Regional Council (LVR – Amt für Denkmalpflege). The management system consists of a set of maintenance and conservation measures which is checked yearly and updated when required by a Steering Committee; members are representatives of the State, the District Government Office Cologne, the Palace Administration, and the Monument Conservation Office.

State Party: Property	Germany: The Collegiate Church, Castle, and Old Town of Quedlinburg
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Id. N°	535rev
Date of inscription	1994

Brief synthesis

Quedlinburg, in the State of Sachsen-Anhalt, was a capital of the East Franconian German Empire at the time of the Saxonian-Ottonian ruling dynasty (919 to 1024). It has been a prosperous trading town since the Middle Ages. The number and high quality of the timber-framed buildings make Quedlinburg an exceptional example of a medieval European town.

The extraordinary and worldwide cultural importance of Quedlinburg is based on the close link between its history and architecture, which is intertwined with that of the Saxonian-Ottonian ruling dynasty. Following the coronation of Henry I (876 to 936), the first German King from the Saxonian dynasty, the royal residence of Quedlinburg became the capital of the East Franconian German Empire, the "metropolis of the Reich" of the first German state. A visible testimony to this dynasty is the Collegiate Church dedicated to St Servatius, which was one of the most highly esteemed churches of the Empire during the Middle Ages. Its crypt, with cross vaults, capitals, tombs, and murals, constitutes one of the most significant monuments in the history of art from the 10th to the 12th century. The crypt of the original building is included in the impressive church, which was built on a basilica floor plan from 1070 to 1129.

Quedlinburg is of interest in a variety of ways. For medievalists, the town is an outstanding example of Middle Age history. It illustrates the typical development of a medieval town, originating from a castle village and several separate settlements. Its value as a monument of urban architecture is based on the preservation of the town wall of 1330, its surviving urban relations of the old parishes of St Aegidius, St Blasius, St Benedictus, and St Nicolas, and the urban building patterns with medieval and post-medieval timber-framed houses.

The splendour of the metropolis of Quedlinburg from the 10th to the 12th century can be seen in the buildings on the castle hill. The ground plan and very likely some original pieces inside the house have survived from the surrounding residential town of that time. The market settlement with merchants and craftsmen to the west, and later to the north, of the castle hill combined with smaller settlements to form the town of Quedlinburg. Its foundation and development until the 18th century under rule of the Imperial foundation contributed significantly to the town's overall structure and appearance. Quedlinburg experienced an economic boom during and immediately after the Thirty Years' War, and as a result, more timber-framed houses were built from the period of 1620 to 1720 than any comparable town in the region. This was the heyday of this type of architecture in Quedlinburg, and a number of special building types developed during this time.

Criterion (iv): Quedlinburg is an outstanding example of a European town with medieval foundations, which has preserved a high proportion of timber-framed buildings of exceptional quality.

Integrity

The town plan and urban fabric maintain the essentially medieval townscape intact, preserving a significantly high proportion of timber-framed buildings of the Middle Ages and later periods.

Authenticity

The authenticity of Quedlinburg is irrefutable. Many of the buildings, especially the timber-framed residential structures, have undergone little or no modification over the course of the centuries. The policy of the former German Democratic Republic (GDR), which favoured the use of industrially prefabricated structures to replace buildings demolished in the late 1980s, has resulted in elements within the town where all authenticity of material and construction has been lost. However, these elements represent a relatively small proportion of the total building stock; moreover, in details such as scale, volume and window lines the overall townscape has been respected.

Protection and management requirements

The historic town area is protected as a monument by the Law of Monument Conservation of State of Sachsen-Anhalt of 21 October 1991; the last amendment of this law (article no. 2) was in 2005. In addition, 770 individual buildings are protected as historic buildings. Regulations relating to urban reconstruction in the inner town are included in the Construction Decree of 28 March 1991 in its textual setting of 20 December 2005. A conservation area, according to article 2 of the Law of Monument Conservation, has been allocated as buffer zone in order to ensure the important views and visual characteristics of the property. Community involvement is an integral part of the planning system.

The buildings included in the property vary in ownership among the local authority (Stadt Quedlinburg), the Church, and private individuals. Direct management of individual properties remains the responsibility of the respective owners. However, the Town Council of Quedlinburg has initiated a number of projects designed to improve the management and preservation of the historic quarters of the town. These include new evaluation and recording of monuments, as required by the State of Sachsen-Anhalt Law of 1991; urban architecture studies for

the preservation and development of Quedlinburg; preparation of new regulations relating to the historic sections of Quedlinburg; as well as optimisation, assessment, and control of construction work in the historic part of the town.

The project objectives adhere in every detail to international standards, such as the Venice Charter of 1964, and to the principles enunciated in the *Operational Guidelines for the Implementation of the World Heritage Convention*. The stakeholders act in coordination with the regional and local historic monument conservation authorities.

A Management Plan guarantees the comprehensive and permanent protection of the historic monuments and the sustainable urban development of the World Heritage property. This plan is yearly checked and updated when required.

State Party: Property	Germany: Garden Kingdom of Dessau-Wörlitz
Id. N°	534rev
Date of inscription	2000

Brief synthesis

The Garden Kingdom of Dessau-Wörlitz, located in Saxony-Anhalt in the Middle Elbe Region, is an exceptional example of landscape design and planning from the Age of the Enlightenment in the 18th century. Its diverse components – the outstanding buildings, English-style landscaped parks and gardens, and subtly modified expanses of agricultural land – served aesthetic, educational, and economic purposes in an exemplary manner.

For Prince Leopold III Friedrich Franz of Anhalt-Dessau (1740-1817) and his friend and adviser Friedrich Wilhelm von Erdmannsdorff (1736-1800), the study of landscape gardens in England and ancient buildings in Italy during several tours was the impetus for their own creative programme in the little principality by the rivers Elbe and Mulde. As a result, the first landscape garden in continental Europe was created here, with Wörlitz as its focus. Over a period of forty years a network of visual and stylistic relationships was developed with other landscape gardens in the region, leading to the creation of a garden landscape on a unique scale in Europe. In the making of this landscape, the designers strove to go beyond the mere copying of garden scenery and buildings from other sites, but instead to generate a synthesis of a wide range of artistic relationships. Among new and characteristic components of this garden landscape was the integration of a didactic element, arising from the philosophy of Jean-Jacques Rousseau (1712-1778), the thinking of Johann Joachim Winckelmann (1717-1768), and the aesthetics of Johann Georg Sulzer (1720-1779). The notion of public access to the buildings and grounds was a reflection of the pedagogic concept of the humanisation of society.

Proceeding from the idea of the *ferme ornée*, agriculture as the basis for everyday life found its place in the garden landscape. In a Rousseauian sense, agriculture also had to perform a pedagogic function in Anhalt-Dessau. Through the deliberate demonstration of new farming methods in the landscape garden, developments in Anhalt-Dessau were not merely theoretical, but a practical demonstration of their models in England. It is noteworthy that these objectives - the integration of aesthetics and education into the landscape – were implemented with outstanding artistic quality. Thus, for instance, the buildings of Friedrich Wilhelm von Erdmannsdorff provided important models for the architectural development of Germany and central Europe. Schloss Wörlitz (1769-73) was the first Neoclassical building in German architectural history. The Gothic House (from 1774) was a decisive influence on the development of Gothic Revival architecture in central Europe. Here, for the first time, the Gothic style was used to carry a political message, namely the desire for the retention of sovereignty among the smaller Imperial territories. The churches in Riesigk (1800), Wörlitz (1804-09), and Vockerode (1810-11) were the first Neoclassical, ecclesiastical buildings in Germany, their towers enlivening the marshland, floodplain landscape in which they served as waymarkers. In parts of the Baroque park of Oranienbaum, an Anglo-Chinese garden was laid out, now the sole surviving example in Europe of such a garden in its original form from the period before 1800. The development of stylistic eclecticism in the 19th century had its roots in the closing years of the 18th century.

Another feature of the landscape is the integration of new technological achievements, such as the building of bridges, an expression of a continuing quest for modernity. Through the conscious incorporation of the older layouts at Oranienbaum and Mosigkau into a pantheon of styles, the landscape became an architectural encyclopaedia featuring examples from ancient times to the latest developments. Nowhere else in Germany or Europe had a prince brought such an all-embracing and extensive programme of landscape reform into being, particularly one so deeply rooted in philosophical and educational theory. With the unique density of its landscape of monuments, the Garden Kingdom of Dessau-Wörlitz is an expression of the enlightened outlook of the court at Dessau, in which the landscape became the idealised world of its day.

Through the conscious and structured incorporation of economic, technological, and functional buildings and parks into the artistically designed landscape, the Garden Kingdom of Dessau-Wörlitz became an important concourse of ideas, in that it facilitated the convergence of 18th century grandeur of design with the beginnings of 19th century industrial society. The reforming outlook of this period brought about a huge diversity of change in the garden layout, and this legacy can still be experienced today. The Garden Kingdom of Dessau-Wörlitz can thus be seen as a designed and constructed philosophy, the “credit and epitome of the 18th century” (Christoph Martin Wieland).

Criterion (ii): The Garden Kingdom of Dessau-Wörlitz is an outstanding example of the application of the philosophical principles of the Age of the Enlightenment to the design of a landscape that integrates art, education, and economy in a harmonious whole.

Criterion (iv): The 18th century was a seminal period for landscape design, of which the Garden Kingdom of Dessau-Wörlitz is an exceptional and wide-ranging illustration.

Integrity

The Garden Kingdom of Dessau-Wörlitz includes all elements necessary to express the Outstanding Universal Value of one of the most emblematic and representative European designed landscapes. It is of adequate size to ensure the features and processes, which convey the significance of the property.

Authenticity

There can be no doubts about the authenticity of the various elements that have been preserved, such as almost all of the major and minor architectural and artistic monuments. The conservation and restoration work that has been carried out and currently in progress is in accordance with the highest principles of contemporary conservation and restoration practice.

Protection and management requirements

The Garden Kingdom Dessau-Wörlitz is fully protected under the legislation of the Decree establishing Nature Reserves and a Landscape Area of central importance with the general title of “Biosphere Reserve Mittlere Elbe” (September 1990), the Conservation Law of the State of Saxony-Anhalt (October 1991), which requires owners of monuments to “conserve, maintain, and repair monuments according to conservation principles and to protect them from damage”, the Nature Protection Law of the State of Saxony-Anhalt (February 1992) and the official Regulation on the Conservation of Monuments in the State of Saxony-Anhalt (December 1997).

The following development plans have also been approved and are being implemented: The Development Plan (*Landesentwicklungsprogramm*) of the State of Saxony-Anhalt, the Regional Development Plan (*Regionales Entwicklungsprogramm*) for the district of Dessau, the Regional Integration Scheme (*Teilraumkonzeption*) for the Garden Kingdom of Dessau-Wörlitz, and the Restoration programme for the Garden Kingdom of Dessau-Wörlitz. A Local Development Plan (*Kreisentwicklungsplan*) for the County of Anhalt-Zerbst has been elaborated, as well as a Regional Plan for the Revival of the Historic Infrastructure in the Garden Kingdom Dessau-Wörlitz.

Since more than 80% of the property is situated within the first biosphere reserve designated in 1979 for Steckby-Lödderitzer Forst (enlarged in 1988 to cover the entire Dessau-Wörlitz cultural landscape), it is also protected in all its environmental aspects under the Federal Nature Protection Law

Several autonomous bodies are responsible for management within the inscribed area; these include the State Ministries of Culture and of Planning, Agriculture, and Environment; the municipalities of Dessau, Wörlitz and Oranienbaum; the State Monuments Protection Department; the Wittenberg Municipal Environmental Department; and the Administration of the Biosphere Reserve Mittlere Elbe. A large part of the inscribed area and the major houses are managed by the Dessau-Wörlitz Cultural Foundation (*Kulturstiftung Dessau-Wörlitz*). In addition, there is the Forum for the Dessau-Wörlitz Garden Kingdom set up in 1996, to ensure communication and cooperation between the various bodies. Important work has already been carried out to re-establish the original sightlines and vistas that have long been covered by vegetation.

State Party: Property	Germany: Luther Memorials in Eisleben and Wittenberg
Id. N°	783
Date of inscription	1996

Brief synthesis

The Luther Memorials in Eisleben and Wittenberg, located in the State of Saxony-Anhalt in the centre of Germany, are associated with the lives of Martin Luther and his fellow-reformer Philipp Melanchthon. They include Melanchthon's house in Wittenberg, the houses in Eisleben where Luther was born (1483) and died (1546), his

room in Wittenberg, the local church, and the castle church where, Luther posted his famous '95 Theses' on 31 October 1517, launching the Reformation and a new era in the religious and political history of the Western world.

As authentic settings of decisive events in the Reformation and the life of Martin Luther, the memorials in Eisleben and Wittenberg have an outstanding significance for the political, cultural, and spiritual life of the Western world that extends far beyond German borders.

Criterion (iv): The Luther Memorials in Wittenberg and Eisleben are artistic monuments of high quality, with their furnishings conveying a vivid picture of a historic era of world and ecclesiastical importance.

Criterion (vi): The Luther Memorials in Wittenberg and Eisleben are of Outstanding Universal Value bearing unique testimony to the Protestant Reformation, one of the most significant events in the religious and political history of the world, and constitute exceptional examples of 19th-century historicism.

Integrity

The Luther Memorials in Wittenberg and Eisleben include all elements necessary to express the Outstanding Universal Value of a faith movement of world importance. The component parts of the serial property are of adequate size to ensure the features and processes of this historic period convey the significance of the property.

Authenticity

The close association of these inscribed buildings with the Lutheran Church and their role as memorials to the Reformation has meant that they have been the object of a variety of restoration and reconstruction projects over more than four centuries. Some of these have resulted in the embellishment of the buildings for the greater glory of the Reformation and its figures, while other projects consciously sought to return the buildings to the state they were in when the great Reformers were alive. In terms of strict modern conservation practices, some of the past interventions may be considered to have had an adverse effect on the historical authenticity of the buildings. However, it might also be argued that those activities carried out in the 19th and early 20th centuries have a historical value of their own, and the spiritual meaning of this group of buildings must be taken into account. While most of the past interventions would not be practiced today, these actions were carried out for religious motivations rather than the buildings' historical preservation. However, it is now certain that recent interventions have been – and those in the future shall be – conducted entirely in accordance with the accepted principles and methods of modern conservation.

Protection and management requirements

All the buildings included in this serial property are protected as single monuments under the legislation of State of Sachsen-Anhalt, which requires that any work that may affect their status or condition be authorised by the competent provincial authority. Both Eisleben and Wittenberg have management systems and town centre plans that make special provision for the protection of the Luther Memorials and their buffer zones.

The two houses in Eisleben are owned by the Municipality and are in use as museums. Luther Hall and Melancthon's House in Wittenberg are owned by State of Sachsen-Anhalt and managed by the Municipality of Wittenberg as museums. The Town Church in Wittenberg is owned and managed by the Evangelical town church parish, which uses it for religious services. The Castle Church is owned by the Evangelical church of the union in Berlin and used by the Evangelical seminary of Wittenberg and the Evangelical castle church parish.

State Party: Property	Germany: Monastic Island of Reichenau
Id. N°	974
Date of inscription	2000

Brief synthesis

The Monastic Island of Reichenau on Lake Constance in south-west Germany represents a masterpiece of human creative genius as the ensemble of the three churches on the monastic island constitutes an exceptional example of an integrated group of medieval churches retaining elements of Carolingian, Ottonian, and Salian architecture that are relevant to the history of architecture. The Benedictine monastery was an important artistic centre of its time, superbly illustrated by its monumental wall paintings and its illuminations, and is of great significance to the art history in Europe of the 10th and 11th centuries.

The crossing, transepts, and chancel of the Carolingian cruciform basilica of Mittelzell, consecrated in 816, are exceptional both in their size and their excellent state of conservation, and constitute a major example of this particular type of crossing (ausgeschiedene Vierung) in Europe. Equally important are the surviving parts of the Carolingian monastery with a heating system modelled according to ancient Roman examples. The transepts and apse of the church of St Mary and Mark (1048), linked to the Carolingian parts by the nave, are equally important

to the history of European architecture. The wall paintings in the apse of the church of St Peter and Paul at Niederzell are of exceptional quality, and constitute one of the earliest depictions of the Maestas surviving north of the Alps. The wall paintings decorating the nave of the church of St George at Oberzell are artistically outstanding and constitute the only example of a complete and largely preserved set of pre-1000 scenic wall paintings north of the Alps.

Criterion (iii): The remains of the Reichenau foundation bear outstanding witness to the religious and cultural role of a great Benedictine monastery in the early Middle Ages.

Criterion (iv): The churches on the island of Reichenau retain remarkable elements of several stages of construction and thus offer outstanding examples of monastic architecture in Central Europe from the 9th to the 11th centuries.

Criterion (vi): The Monastery of Reichenau was an important artistic centre of great significance to the history of art in Europe in the 10th and 11th centuries, as is superbly illustrated by its monumental wall paintings and its illuminations.

Integrity

All elements necessary to express the Outstanding Universal Value are present in the dispersed buildings across the island, a legacy of the socio-economic structure of the Middle Ages, which has shaped the image of the entire foundation.

Authenticity

The clusters of dwellings do not constitute real groups of buildings, a characteristic that persisted even after secularisation and the spate of building that followed World War II. The secular architecture is dominated by certain recent modifications and/or contemporary constructions. Any original structure that survives has been revealed or is accessible to architectural research. Nature conservation sites designated to separate sectors of recent construction from agricultural land (now given over largely to hothouses) help to give an idea of the original aspect of the island. The medieval-style reconstructions characteristic of the 19th century, detrimental to the Renaissance and Baroque additions, has largely been eliminated. This practice has therefore reduced the complex historic stratification of these buildings, particularly their interiors. While the architectural surfaces of the Reichenau churches have been entirely renovated and simplified, corresponding to the conventional image of medieval church architecture, the authenticity of the remarkable wall paintings in the churches is, however, a positive element.

Protection and management requirements

The three churches, the monastic buildings, and ten other buildings on the island have been designated as cultural monuments of outstanding value under the Law for the Protection of Cultural Monuments of the Land of Baden-Württemberg (Denkmalschutzgesetz Baden-Württemberg of 25 May 1971, revised on 25 April 2007). The same law protects seventy other properties as designated cultural monuments. Under the terms of the law, any construction project or modification to a cultural monument must be submitted to the Administration for the Protection of Historic Monuments of Baden-Württemberg (Freiburg im Breisgau Division), which is represented at local level by the District of Constance Administration. Cultural monuments of outstanding value enjoy further protection by being listed in the Inventory of Monuments (Denkmaltbuch), which applies to cases of reconstruction or extension of such monuments. In these cases, approval must be sought for any project affecting the surroundings of a listed monument, if these surroundings are of particular importance to the monument.

Ownership of the religious buildings on the island of Reichenau is shared between a number of institutions. The Abbey of St Mary and Mark and the presbytery at Mittelzell belong to the parish of Our Lady, the town hall to the Town Council of Reichenau, the Church of St George to the Catholic Church of St George Fund, and the Church of St Peter and Paul to the Catholic Church Fund. Most of the other buildings on the island are private property. Protection of property owned by the Land of Baden-Württemberg is the responsibility of the Regierungspräsidium of Freiburg and the Landesamt für Denkmalpflege im Regierungspräsidium Stuttgart in conjunction with the Federal Property Administration.

A particular problem concerns the growing visitor numbers at the famous church of St George, resulting in a change of the interior climatic conditions. The rise in humidity with the accompanying pollution and formation of molds causes significant damage to the cultural heritage assets, especially to the Ottonian wall-paintings. Since the beginning of the 1980s, climatic conditions inside St George's have been continuously recorded. The Landesamt für Denkmalpflege in cooperation with the Technical University of Darmstadt - now University of Stuttgart, Institute for Materials of Architecture – carries out a very precise monitoring of the Ottonian wall-paintings to analyse the indoor climate, micro-climatic impacts, air motion, influence of radiation and influence of visitation on the micro-climate. The collected data are to support a concept and new strategies to optimise the indoor climate, especially to establish a strategy to control the visitors' access (visitor management). Visitor management for St George shall include replacing entrance for individual visitors by guided tours during critical seasons.

In consultation with the political community, the Organisation of Cultural Heritage Preservation worked out a development programme for a cautious building development to address any risks for development pressure, including the development of hothouses.

Several sectors of the island of Reichenau (some 230 ha out of a total area of 460 ha) have been designated as nature reserves under the Law for Nature Conservation of Baden-Württemberg (Naturschutzgesetz Baden-Württemberg) of 13 December 2005, revised on 17 December 2009. In addition, the Federal Law for Nature Conservation (Bundesnaturschutzgesetz) of 29 July 2009, revised on 28 July 2011, protects landscapes of historic cultural interest, which includes the surroundings of listed monuments. The provisions of the Building Law (Baugesetzbuch of 23 September 2004, revised on 22 July 2011) regarding nature conservation and the protection of landscapes and monuments apply to several sensitive sections of the island, while the building regulations of the Land of Baden-Württemberg (Landesbauordnung für Baden-Württemberg of 8 August 1995, revised on 17 December 2009) apply to the whole of the island. The various development plans for the Municipality of Reichenau, the District of Constance, and the Regional Plan lay down stringent restrictions on the development of new buildings, designed to encourage the preservation of the traditional organisation of the landscape.

There is no official buffer zone for the property, but its island location of Reichenau in the middle of the northern reaches of Lake Constance provides adequate equivalent protection. In addition, the lake shores in the vicinity (Gnadensee, Zellersee, and Untersee) are protected by both German and Swiss nature conservation and planning legislation.

The active and ongoing policy pursued by the administrations responsible for the protection of historic monuments, nature conservation, and planning permission under the terms of the legal provisions in place correspond to the requirements to be legitimately expected of a prescribed management plan. The policy ensures State control over the conservation of the cultural and natural assets on the island of Reichenau and continuous implementation of the necessary conservation and restoration measures. The State Administration for the Protection of Historic Monuments is staffed by highly qualified personnel, guaranteeing the professional level of design and execution of all the necessary conservation measures required for an appropriate management system.

State Party: Property	Germany: Palaces and Parks of Potsdam and Berlin
Id. N°	532ter
Date of inscription	1990 – 1992 - 1999

Brief synthesis

The Palaces and Parks of Potsdam and Berlin (Sanssouci) represent a self-contained ensemble of architecture and landscape gardening in the 18th and 19th centuries. This ensemble, having an outstanding artistic rank, has its origin in the work of the most significant architects and landscape gardeners of their time in Northern Germany - G.W. von Knobelsdorff (1699-1753), C. von Gontard (1731-1791), C.G. Langhans (1732-1808), K.F. Schinkel (1781-1841), P.J. Lenné (1789-1866) and their co-operators. Together with highly imaginative sculptors, painters, craftsmen, building workers, and gardeners, they created Sanssouci, the New Garden, the Park of Babelsberg, and other grounds in the surrounding area of Potsdam as an overall work of art of high quality, European rank, and international standing.

The World Heritage property enfolds the Palaces and Parks of Potsdam and Berlin including buildings, parks, and designed spaces, which are intuitively territorially and historically aligned with Sacrow Castle and Park and the Sauveur Church.

The cultural landscape with its parks and buildings was designed and constructed between 1730 and 1916 in a beautiful region of rivers, lakes, and hills. The underlying concept of Potsdam was carried out according to Peter Joseph Lenné's plans, which he designed after the mid-1800s, to transform the Havel landscape into the cultural landscape it is today. These designs still determine the layout of Potsdam's cultural landscape.. The ensemble of parks of Potsdam is a cultural property of exceptional quality. It forms an artistic whole, whose eclectic nature reinforces its sense of uniqueness.

In Potsdam, the World Heritage property includes Sanssouci Park, the Lindenallee Avenue west of the New Palace, the Former Gardener's Training School, former Railway Station of the Emeror and its environs, Lindstedt Palace and its low-lying surroundings, the artificial Italian village of Bornstedt, the Seekoppel paddock, the Avenue to Sanssouci, the Voltaireweg Avenue as a connection between Sanssouci Park and the New Garden, the New Garden, the so-called Mirbach Wäldchen Grove and the link between Pfingstberg Hill and the New Garden, the Villa Henkel with Garden, Pfingstberg Hill, the garden at the Villa Alexander, Babelsberg Park, the approaches to Babelsberg Park, the Babelsberg Observatory, Sacrow Park, the Royal Forest around the village of Sacrow, and

the Russian colony Alexandrowka with the Kapellenberg, the artificial Italian village of Bornstedt and the artificial Swiss village in Klein-Glienicke. In Berlin it includes Glienicke Park, Böttcherberg Hill with the Loggia Alexandra, the Glienicke Hunting Lodge, and the Peacock Island (including all buildings).

Criterion (i): The ensemble of the Palaces and Parks of Potsdam is an exceptional artistic achievement whose eclectic and evolutive features reinforce its uniqueness: from Knobelsdorff to Schinkel and from Eyserbeck to Lenné, a series of architectural and landscaping masterpieces have been built within a single space, illustrating opposing and reputedly irreconcilable styles without detracting from the harmony of a general composition that has been designed progressively over time. The beginning of the construction of Friedenskirche in 1845 is a symbol of deliberate historicism: this "Nazarene" pastiche of San Clemente Basilica in Rome commemorates the laying, on 14 April 1745, of the first stone for Sanssouci, the Rococo palace par excellence.

Criterion (ii): Potsdam-Sanssouci - frequently called the "Prussian Versailles" - is the crystallization of a great number of influences from Italy, England, Flanders, Paris, and Dresden. A synthesis of art trends in European cities and courts in the 18th century, the castle and the park offer new models that have greatly influenced the development of the monumental arts and the organization of space east of the Oder.

Criterion (iv): Potsdam-Sanssouci is an outstanding example of architectural creations and Landscaping development associated with the monarchic concept of power within Europe. By the vastness of the program, these royal ensembles belong to the very distinct category of princely residences, such as Würzburg and Blenheim (included on the World Heritage List in 1981 and 1987 respectively). The bombing of 14 April 1945 has made it impossible to nominate to the World Heritage List the urban ensemble developed by Frederick William I in two stages: the "first new town", from 1721 to 1725, and the "second new town", beginning in 1733.

Integrity

The Palaces and Gardens in Potsdam and Berlin include all elements necessary to express the Outstanding Universal Value of the Prussian residence landscape. It is of adequate size to ensure the features and processes, which convey the significance of the property.

Authenticity

The history occurring between 1939 and 1989 left its mark on the Potsdam property through neglect, collective re-use of buildings, and the construction of military facilities, though the layout still follows Lenné's plan.

The policies of the Federal States of Brandenburg and Berlin, the City of Potsdam, and the Prussian Palaces and Gardens Foundation Berlin-Brandenburg are aimed at restoring the property, based on extensive historical research and emphasizing the historical structure and layout of the planned landscape, while forming the framework for new environmental and urban developments. This guarantees conscientious and responsible restoration and renovation. Partial reconstruction does occur at times, but this is also based on intensive preliminary studies and research.

Protection and management requirements

The entire territory is classified as a monumental area according to the Brandenburg State Law on the Protection of Monuments, dated 24 May 2004, and is protected by the Statutes for the Protection of the Monumental District of the Berlin-Potsdam cultural landscape according to the UNESCO World Heritage List, administrative district of Potsdam Monumental Districts Statutes dated 30 October 1996.

The property is also covered by the State Treaty on the establishment of the Berlin-Brandenburg Prussian Palaces and Garden Foundation's "Constructional guiding plans of the City of Potsdam" and the "State Treaty about the establishment of the "Berlin-Brandenburg Prussian Palaces and Garden Foundation" (*Stiftung Preußische Schlösser und Gärten Berlin-Brandenburg*, so-called SPSPG) dated 23 August 1994 / 4 January 1995 / published 9 January 1995. The number of visitors allowed into the palaces, other buildings (museums), and parks depends on conservation and preservation guidelines.

The "Town Planning Situation/Planning Intentions" paragraphs of the nomination put considerable emphasis on the plans for Potsdam's environmental planning (*Leitplanung für die städtebauliche Entwicklung der Umgebungsbereiche der Welterbestätte Potsdam*, so-called *Leitplanung*), which was drawn up in 1998/1999. The final environmental planning documents (*Leitplanung*) were passed by the City Council in 2005 and are subject to continuous improvement. A contract about the buffer zone for the World Heritage property on the territory of the town of Potsdam was signed on 27 January 2011 by the Federal State of Brandenburg, the City of Potsdam, the State Office of preservation of historical monuments, and the Prussian Palaces and Gardens Foundation Berlin-Brandenburg to ensure the lasting protection and sustained preservation of the visual and structural integrity of the property and its immediate surroundings. A declaration in respect of the buffer zone for the World Heritage property on the territory of the Federal capital, Berlin, was signed on 24 November 2004. Building activities within and outside the property are regulated also by local Building Plans and regional Land Use Plans.

Conservation and construction issues are organised and managed in close cooperation between the Prussian Palaces and Gardens Foundation Berlin-Brandenburg, the City of Potsdam, the two State Offices for Historic Monuments (Brandenburg and Berlin), the Ministry for Science, Research, and Culture, and the Senate Department for Urban Development and the Environment of Berlin.

The property is managed under the responsibility of the SPSG, the City of Potsdam, and the districts of Berlin. The City of Potsdam has further designated a local site coordinator for the area of the property located within its administrative responsibility. The SPSG has detailed documentation (photographs, measurements/surveys, maps) on all park components. The SPSG has a Monuments Committee (art-historians, architects, engineers, restorers, conservators, landscape-architects) to consider fundamental measures concerning such matters as restoration issues.

State Party: Property	Germany: Pilgrimage Church of Wies
Id. N°	271bis
Date of inscription	1983

Brief synthesis

The sanctuary of Wies, near Steingaden in Bavaria, is a pilgrimage church extraordinarily well-preserved in the beautiful setting of an Alpine valley, and is a perfect masterpiece of Rococo art and creative genius, as well as an exceptional testimony to a civilization that has disappeared.

The hamlet of Wies, in 1738, is said to have been the setting of a miracle in which tears were seen on a simple wooden figure of Christ mounted on a column that was no longer venerated by the Premonstratensian monks of the Abbey. A wooden chapel constructed in the fields housed the miraculous statue for some time. However, pilgrims from Germany, Austria, Bohemia, and even Italy became so numerous that the Abbot of the Premonstratensians of Steingaden decided to construct a splendid sanctuary. Consequently, work began in 1745 under the direction of the celebrated architect, Dominikus Zimmermann, who was to construct, in this pastoral setting in the foothills of the Alps, one of the most polished creations of Bavarian Rococo. The choir was consecrated in 1749, and the remainder of the church finished by 1754. That year, Dominikus Zimmermann left the city of Landsberg to settle in Wies near his masterpiece, in a new house where he died in 1766.

The church, which is oval in plan, is preceded to the west by a semi-circular narthex. Inside, twin columns placed in front of the walls support the capriciously cut-out cornice and the wooden vaulting with its flattened profile; this defines a second interior volume where the light from the windows and the oculi is cleverly diffused both directly and indirectly. To the east, a long deep choir is surrounded by an upper and a lower gallery.

A unique feature is the harmony between art and the countryside. All art forms and techniques used - architecture, sculpture, painting, stucco work, carving, ironwork, etc. - were melded by the architect into a perfect, unified whole, in order to create a diaphanous spatial structure of light and form. The remarkable stucco decoration is the work of Dominikus Zimmermann, assisted by his brother Johann Baptist - who was the painter of the Elector of Bavaria, Max-Emmanuel, from 1720. The lively colours of the paintings bring out the sculpted detail and, in the upper areas, the frescoes and stucco work interpenetrate to produce a light and living decor of unprecedented richness and refinement. The abundance of motifs and figures, the fluidity of the lines, the skilful opening of surfaces, and the 'lights' continually offer the observer fresh surprises. The ceilings painted in trompe-l'œil appear to open to an iridescent sky, across which, angels fly, contributing to the overall lightness of the church as a whole.

Criterion (i): The sanctuary of Wies, a pilgrimage church constructed in the open countryside, is a perfect masterpiece of Rococo art.

Criterion (iii): The Pilgrimage Church of Wies is an exceptional testimony of cultural and religious traditions.

Integrity

In this sparsely settled area, in complete solitude, it was possible for a religious and architectural idea to be realized unhindered. The site, therefore, contains all elements necessary for Outstanding Universal Value. There are no immediate, adverse effects of development and/or neglect.

Authenticity

The setting is completely untouched. Form and design, material and substance, use and function of the Pilgrimage Church of Wies have remained unchanged.

Protection and management requirements

A core and a buffer zone have been identified to ensure the lasting protection and sustained preservation of the visual and built integrity of the Pilgrimage Church of Wies and its immediate surroundings.

The laws and regulations of the Federal Republic of Germany and the Free State of Bavaria guarantee the consistent protection of the Pilgrimage Church of the Wies and its surroundings. The listed monument, which is

situated outside the town in a protected landscape close to a nature reserve, is protected by a number of legal instruments (monument protection law, nature protection law, building and planning law). Furthermore, the regional development programme of the Free State of Bavaria contains a special clause according to which UNESCO World Heritage properties are to be protected and maintained in good condition.

The Free State of Bavaria is owner of the Pilgrimage Church of Wies. The property is managed under the responsibility of the Pilgrimage Church Foundation St Joseph. The State Construction Office Weilheim is responsible for construction issues, and the coordination between the stakeholders is organised by the site manager, who is based in the administrative district office of Weilheim.

The management system consists of a set of maintenance and conservation measures to ensure the protection of the property and the surrounding cultural landscape by sustainable agriculture. More information on visitor management is provided in the Management Plan and through the Periodic Reporting mechanism.

State Party: Property	Germany: St Mary's Cathedral and St Michael's Church at Hildesheim
Id. N°	187bis
Date of inscription	1985

Brief synthesis

The ancient Benedictine abbey church of St Michael in Hildesheim, located in the north of Germany, is one of the key monuments of medieval art, built between 1010 and 1022 by Bernward, Bishop of Hildesheim. St Michael's is one of the rare major constructions in Europe around the turn of the millennium which still conveys a unified impression of artistry, without having undergone any substantial mutilations or critical transformations in basic and detailed structures.

St Michael's Church was built on a symmetrical ground plan with two apses that was characteristic of Ottonian Romanesque art in Old Saxony. Its interior, in particular the wooden ceiling and painted stucco-work, together with the treasures of St Mary's Cathedral – in particular its famous bronze doors and the Bernward bronze column – make the property of exceptional interest as examples of the Romanesque churches of the Holy Roman Empire. The harmony of the interior structure of St Michael's and its solid exterior is an exceptional achievement in architecture of the period. Of basilical layout with opposed apses, the church is characterised by its symmetrical design: the east and west choirs are each preceded by a transept which protrudes substantially from the side aisles; elegant circular turrets on the axis of the gable of both transept arms contrast with the silhouettes of the massive lantern towers located at the crossing. In the nave, the presence of square impost pillars alternating in an original rhythm with columns having cubic capitals creates a type of elevation which proved very successful in Ottonian and Romanesque art.

St Mary's Cathedral, rebuilt after the fire of 1046, still retains its original crypt. The nave arrangement, with the familiar alternation of two consecutive columns for every pillar, was modelled after that of St Michael's, but its proportions are more slender.

The Church of St Michael and the Cathedral of St Mary with its church treasure contain an exceptional series of elements of interior decoration that together are quite unique for the understanding of layouts used during the Romanesque era. The bronze doors of St Mary, dating back to 1015, represent the events from the book of Genesis and the life of Christ, and the bronze column of St Michael dating from around 1020, with its spiral decor inspired by Trajan's Column, depicts scenes from the New Testament. These two exceptional castings, the first ones of this size since antiquity, were commissioned by Bishop Bernward. Both are now preserved in the Cathedral of St Mary. Also of special significance are the corona of light of Bishop Hezilo and the baptismal fonts of gold-plated bronze of Bishop Conrad (ca 1225-1230) in the Cathedral. Lastly, St Michael's displays the painted stuccos of the choir screen and the amazing ceiling: 27.6 m long and 8.7 m wide, depicting the Tree of Jesse, which covers the nave. These two works were carried out after the canonisation of St Bernward in 1192 – the stuccos at the very end of the 12th century and the ceiling around 1130. The ceiling, with its 1300 pieces of wood, along with that of Zillis in Switzerland, is one of only two remaining examples of such an extremely vulnerable structure.

Criterion (i): The Bernward bronzes and the ceiling at St Michael's Church represent a unique artistic achievement.

Criterion (ii): St Michael's Church has exerted great influence on developments in medieval architecture.

Criterion (iii): St Mary's Cathedral and St Michael's Church of Hildesheim and their artistic treasures afford better and more immediate overall understanding than any other decoration in Romanesque churches in the Christian West.

Integrity

As the churches themselves are located on elevated ground, the surrounding buildings are not overpowering, and do not significantly disturb the view to and from the churches in the urban landscape. Furthermore, the Medieval layout of the town is quite well conserved and corresponds to the period of construction of the property (11th and 12th centuries). St Mary's Cathedral and St Michael's Church contain all the elements necessary to express the Outstanding Universal Value. The property is of appropriate size, and all features and structures to convey its significance as exceptional examples of art and architecture of the Holy Roman Empire are present.

Authenticity

Despite the destruction that occurred during the Second World War, St Michael's Church remained intact up to the eaves although it has undergone major restoration. All of the important design elements can still be seen today in full and undiminished form. A centrepiece in the interior of the church is the wooden ceiling from the early 13th century, which was temporarily removed during the war and is unique worldwide. All of the other interior elements in St Mary's Cathedral and St Michael's Church that are sustaining the property's Outstanding Universal Value are in an equally authentic condition. St Mary's Cathedral was almost completely destroyed in the Second World War, but many parts of the cloisters and the adjoining chapel remained undamaged, in particular the precious interior furnishings. All the movable fixtures and fittings were removed and brought into safety in time.

In the reconstruction after 1945 and in all later repairs and restorations, the primary aim has been to recreate the Medieval appearance of both large buildings according to the latest research.

Protection and management requirements

The laws and regulations of the Federal Republic of Germany and the State of Lower Saxony guarantee the consistent protection of St Mary's Cathedral and St Michael's Church at Hildesheim. They are listed monuments according the Lower-Saxon Monument Protection Act. Building activities outside the property are regulated by paragraph 8 of the Monument Protection Act.

Furthermore, a buffer zone has been designated to ensure the continuous protection and sustained preservation of the important views and structural integrity of St Mary's Cathedral and St Michael's Church and their immediate surroundings. Lastly, paragraph 2 of the Monument Protection Act contains a special clause concerning the protection of World Heritage properties in Lower Saxony.

Conservation and construction issues are organised and managed in close cooperation among the owners, the State Office for Historic Monuments, the Ministry for Science and Culture and various scientific committees. The management system consists of a set of maintenance and conservation measures, which are yearly checked and regularly updated when required to ensure the protection of the property.

State Party: Property	Germany: Völklingen Ironworks
Id. N°	687
Date of inscription	1994

Brief synthesis

The Völklingen Ironworks in western Germany close to the border with France cover 6 ha and are a unique monument to pig-iron production in Western Europe. No other historic blast-furnace complex has survived that demonstrates the entire process of pig-iron production in the same way, with the same degree of authenticity and completeness, and is underlined by such a series of technological milestones in innovative engineering. The Völklingen monument illustrates the industrial history of the 19th century in general and also the transnational Saar-Lorraine-Luxembourg industrial region in the heart of Europe in particular. The Ironworks are a synonym for and a symbol of human achievement during the First and Second Industrial Revolutions in the 19th and beginning of the 20th centuries.

The iron-making complex dominates the townscape of Völklingen. It contains installations covering every stage in the pig-iron production process, from raw materials handling and processing equipment for coal and iron ore to blast-furnace iron production, with all the ancillary equipment, such as gas purification and blowing equipment.

The installations are exactly as they were when production ceased in 1986. The overall appearance is that of an ironworks from the 1930s, since no new installations were added after the rebuilding of the coking plant in 1935. There is considerable evidence of the history of the works in the form of individual items that have preserved substantial elements of their original form. Large sections of the frames and platforms of the blast furnaces, for example, have not been altered since their installation at the turn of the 19th to 20th centuries. Much of the original coking plant survives, despite the 1935 reconstruction, notably the coal tower of 1898. Six of the gas-

blowing engines, built between 1905 and 1914, are preserved, as are the suspended conveyer system of 1911 and the dry gas purification plant of the same time. In addition, remains of Buch's puddle ironworks of 1873 are preserved in the power station below the blast furnaces.

Criterion (ii): Several important technological innovations in the production of pig-iron were developed or first applied successfully on an industrial scale at Völklingen Ironworks and are now in universal use throughout the world.

Criterion (iv): The Völklingen Ironworks is an outstanding example of an integrated pig-iron production plant of the type, which dominated this industry in the 19th and early 20th centuries.

Integrity

The Outstanding Universal Value of the Völklingen Ironworks lies in its unique completeness and originality. Technological milestones such as the dry gas purification plant, which was the first of its kind on such a large scale, the suspended conveyor system (the largest of its type), and the pioneer sinter plant are all integral parts of a complex 19th and 20th century pig-iron production works concentrated in a small area.

Authenticity

The features of Völklingen Ironworks are largely preserved as originally built and the complex is entirely authentic, since only minor additions or demolitions have taken place since it ceased production in 1986.

Protection and management requirements

The laws and regulations of the Federal Republic of Germany and the State of Saarland guarantee the consistent protection of Völklingen Ironworks. It has been a cultural monument under the act on the Protection and Care of Monuments since 1987.

After being transferred from Dillinger-Hütte-Saarstahl AG to the Land Government of Saarland, a state owned company (*Weltkulturerbe Völklinger Hütte Europäisches Zentrum für Kunst und Industriekultur GmbH*) is holding the Völklingen Ironworks as property. Since the installation of the *Weltkulturerbe Völklinger Hütte GmbH*, plans for the preservation and care of the property have been worked out on a yearly basis by a locally installed ironworks conservation unit. Because of its structural similarity to the stonemasons' lodges attached to cathedrals (*Dombauhütten*), this unit was first called *Hüttenbauhütte*.

From a provisional working group of the *Gesellschaft für Beschäftigung und Qualifikation GmbH* (GBQ), the *Landesentwicklungsgesellschaft Saar* (LEG - State Development Agency), and the *Staatliches Konservatoramt* (State Conservation Office), a regular team was installed that is in charge of supervising all conservation as well as conversion projects.

The team's work is determined by the new uses (museum, cultural events, exhibitions) of the complex, the ways in which it needs to be treated, and the unusual problems posed by the conservation requirements of rusting ironworks. The ironworks conservation unit also carries out regular inspections and evaluations of the plant, and is responsible for ensuring the security and protection of the monuments. The development unit of the *Weltkulturerbe Völklinger Hütte GmbH* maintains the ironworks as an industrial monument site and organises exhibitions on European Arts, as well as other cultural events. A management plan describing the management system, the management requirements, and visitor management has been set up.

State Party: Property	Germany: Wartburg Castle
Id. N°	897
Date of inscription	1999

Brief synthesis

Wartburg Castle blends superbly into its forest surroundings and is in many ways "the ideal castle". Although it contains some sections of great antiquity, it acquired the current layout over the course of 19th-century reconstructions. This renewal of interest was justified by its symbolic nature for the German people, and today the castle continues to be a symbol of the nation's past and present. Its current state is a splendid example of what this fortress might have been at the peak of its military and seigneurial power.

Wartburg Castle is perched at a height of some 400 m above the delightful countryside, south of the city of Eisenach in Thuringia in central Germany. Its varied aspect and the sense of harmony it evokes are only two of its attractions for visitors. What makes Wartburg Castle such a magnet for memory, tradition, and pilgrimage is that it stands as a monument to the cultural history of Germany, Europe, and beyond.

Lutherans the world over know of the castle as the very place where Martin Luther made his translation of the Bible. The veneration of Saint Elizabeth, which extends far beyond the frontiers of Germany, includes Wartburg Castle where she lived and worked. The patronage of Hermann I, Landgrave of Thuringia, occupies an extraordinary place in the creation of a national literary tradition. In poetry and in legends, Wartburg Castle, the medieval Court of the Muses, bears an undying reputation through the names of Walther von der Vogelweide and Wolfram von Eschenbach. While these authors represented the first steps in German literature, and Martin Luther's translation of the New Testament marked the creation of a unified and accessible written German language, Wartburg Castle is also associated with the beginnings of a bourgeois and democratic nation, through the content and effects of the Wartburg festival of German students' associations. From the very earliest days of its existence, this fortress of the Landgraves of Thuringia has repeatedly acted as a venue for and witness of historic events and activities worthy of renown as a monument to national and world history.

The artistic and architectural importance of the palace, built in the second half of the 12th century, is no less significant. In execution and ornamentation, it is unrivalled and represents one of the best-preserved secular constructions from the late Norman period to be found on German soil. Thanks to this broad range of religious content and historic data, and because of its significance in the history of the arts, Wartburg Castle attracts around half a million visitors every year, from all over the world.

Criterion (iii): The Wartburg Castle is an outstanding monument of the feudal period in central Europe.

Criterion (vi): The Wartburg Castle is rich in cultural associations, most notably its role as the place of exile of Martin Luther, who composed his German translation of the New Testament there. It is also a powerful symbol of German integration and unity.

Integrity

The Wartburg Castle includes all elements necessary to express the Outstanding Universal Value of a venue for and witness of historic events. It is of adequate size to ensure the features and processes, which convey the significance of the property.

Authenticity

The stone-built palace in its lower sections is an important example of civilian architecture of the Norman period. The same can be said of the masonry sections of the rampart and the South Tower. The remainder of the property is a reconstruction carried out under the influence of romantic ideas together, in this particular case, with an attempt to resurrect forms that would bear witness to the presence of the great historical personages who once inhabited the castle (St Elizabeth, Luther, etc) and offer an illustration of a political idea in search of national unity. The conditions of authenticity may be defined here in the light of two principles: archaeological authenticity found mainly in the palace, and fortifications; and symbolic authenticity, where the form matters less than the idea it represents. This is not simply a building, but architectural work of art, one of great quality, expressive of a true idea.

Protection and management requirements

The Wartburg Castle is covered by protective legislation at regional (State of Thuringia) and municipal levels. The listed monument encompasses the entire hill on which the castle is built. The protected area of Wartburg is part of the planning zone of Eisenach, which restricts all forms of development around the monument. Much of the wooded hillside below the castle is designated as a nature protection area (NSG) and fulfils the function as a buffer zone for the property.

The property is owned by the Wartburg Foundation of Eisenach, established in 1992. The Foundation is a legal entity under civil law, with its headquarters in Eisenach. The property is administered by the *Stiftungsrat der Wartburg-Stiftung* (Board of Directors of the Wartburg Foundation) in conjunction with the Thuringian Ministry of Education, Science, and Culture (Office for the Protection of Historic Monuments of the State of Thuringia).

Funding is provided by the following sources: *Bundesministerium des Inneren* (Federal Ministry of the Interior), *Thüringer Ministerium für Bildung, Wissenschaft und Kultur* (Thuringian Ministry of Education, Science, and Culture), *Thüringisches Landesamt für Denkmalpflege und Archäologie* (Office of the State of Thuringia for the Preservation of Historic Monuments and Archaeology), and the Foundation's own funds.

The above bodies are also responsible for the maintenance and preservation of the property, in conjunction with the *Bauhütte der Wartburg team*. A management plan describing the management system, the management requirements, and visitor management has been set up.

State Party: Property	Germany: Würzburg Residence with the Court Gardens and Residence Square
Id. N°	169bis

Date of inscription	1981
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Brief synthesis

Located in Southern Germany, the sumptuous Würzburg Residence was built and decorated in the 18th century by an international corps of architects, painters, sculptors, and stucco workers under the patronage of two successive Prince-Bishops, Johann Philipp Franz and Friedrich Karl von Schönborn.

The Residence was essentially constructed between 1720 and 1744, decorated on the interior from 1740 to 1770 and landscaped with magnificent gardens from 1765 to 1780. It testifies to the ostentation of the two Prince Bishops, and as such illustrates the historical situation of one of the most brilliant courts of Europe during the 18th century. The most renowned architects of the period - the Viennese, Lukas von Hildebrandt, and the Parisians Robert de Cotte and Germain Boffrand - drew up the plans. They were supervised by the official architect of the Prince Bishop, Balthasar Neumann, who was assisted by Maximilian von Welsch, the architect of the Elector of Mainz. Sculptors and stucco-workers came from Italy, Flanders, and Munich. The Venetian painter Giovanni Battista Tiepolo frescoed the staircase and the walls of the Imperial Hall.

The residence gives consummate testimony to the imposing courtly and cultural life of the feudalistic era of the 18th century, but at the same time its varied use today is an example of modern utilisation and preservation as a monument of ahistorical structure.

Criterion (i): The Würzburg Residence is at once the most homogeneous and extraordinary of the Baroque palaces. It is an autonomous work of art in European Baroque style illustrated by its structure and décor elements. The Residence represents a unique artistic realisation as a result of its ambitious programme, the originality of creative spirit, and the international character of its workshop. Perhaps no monument from the same period is able to claim such a concurrence of talent.

Criterion (iv): The Residence is a document of European culture. The structure is a joint achievement of the most significant European architects, sculptors, and painters of the 18th century from France (particularly Paris), Italy (particularly Venice), Austria (particularly Vienna), and Germany.

Integrity

Though heavily affected by an aerial bombing on the 16 March 1945, the Residence of Würzburg has undergone careful and exemplary restorations since 1945. The property, therefore, contains all elements necessary for Outstanding Universal Value. There are no urgent, adverse effects of development and/or neglect.

Authenticity

The authenticity of Würzburg Residence with the Court Gardens and Residence Square is truthfully and credibly expressed through the main attributes of the property.

Protection and management requirements

The laws and regulations of the Federal Republic of Germany and the Free State of Bavaria guarantee the consistent protection of the Würzburg Residence and its surroundings: The Würzburg Residence together with the Court Gardens and Residence Square is officially listed as a historic monument and lies within the monument ensemble "Old City of Würzburg". Furthermore, the Ring Park, located to the east behind the Court Gardens, is also protected as an individual monument. Therefore, alterations to the Residence, its immediate surroundings, or in the Old City ensemble are subject to existing legal regulations, such as the requirement for conservation-sensitive authorisation, or integration into the historic building fabric. The management authority is the Bavarian Palaces Department. The implementation of the Management Plan is guaranteed by a steering group including members of the Bavarian Palace Department; the Bavarian State Ministry of Sciences, Research, and the Arts; the Bavarian State Office for Preservation of Monuments and Historic Buildings, the City of Würzburg, and ICOMOS Germany.

The World Heritage site and its buffer zone are defined in such a way to ensure the lasting protection and sustained preservation of the visual and built integrity of the Würzburg Residence and its immediate surroundings.

Furthermore, all important visual connections and street axes from and to the Residence warrant protection. The Free State of Bavaria and the City of Würzburg commit themselves to guaranteeing the comprehensive and permanent protection of the World Heritage property, "Würzburg Residence with the Court Gardens and Residence Square". They acknowledge a shared responsibility for the material and immaterial heritage they have been entrusted with. The Bavarian Palaces Department is co-ordinating all structural, restoration, and conservation issues relating to the World Heritage properties. Based on research, experience, and consultations the impact of visitation and events has been regulated by the Bavarian Department of Palaces. Moreover, detailed provisions of the visitor and event management, among others, are laid out in the Management Plan. Of special interest are the chapters on "Potential risks and conservation measures", and on "Restoration and conservation measures" of the Management Plan.

State Party: Property	Germany: Zollverein Coal Mine Industrial Complex in Essen
Id. N°	975
Date of inscription	2001

Brief synthesis

The Zollverein XII Coal Mine Industrial Complex is an important example of a European primary industry of great economic significance in the 19th and 20th centuries. It consists of the complete installations of a historical coal-mining site: the pits, coking plants, railway lines, pit heaps, miner's housing and consumer and welfare facilities. The mine is especially noteworthy of the high architectural quality of its buildings of the Modern Movement.

Zollverein XII was created at the end of a phase of political and economic upheaval and change in Germany, which was represented aesthetically in the transition from Expressionism to Cubism and Functionalism. At the same time, Zollverein XII embodies this short economic boom between the two World Wars, which has gone down in history as the "Roaring Twenties." Zollverein is also, and by no means least, a monument of industrial history reflecting an era, in which, for the first time, globalisation and the worldwide interdependence of economic factors played a vital part.

The architects Fritz Schupp and Martin Kemmer developed Zollverein XII in the graphic language of the Bauhaus as a group of buildings which combined form and function in a masterly way.

Criterion (ii): The Zollverein XII Coal Mine Industrial Complex is an exceptional industrial monument by virtue of the fact that its buildings are outstanding examples of the application of the design concepts of the Modern Movement in architecture in a wholly industrial context.

Criterion (iii): The technological and other structures of Zollverein XII are representative of a crucial period in the development of traditional heavy industries in Europe, which were reinforced through the parallel development and application of Modern Movement architectural designs of outstanding quality.

Integrity

The Zollverein Coal Mine Industrial Complex in Essen comprises all the elements of intensive 19th and 20th century industrial exploitation – the complete complex of buildings and equipment necessary for the extraction and treatment of coal and the production of coke, the required transportation network (in the case of railways) as well as the vast heaps of pit waste.

Authenticity

The Zollverein XII Coal Mine Industrial Complex has a high level of authenticity. The individual industrial components have inevitably lost their functional authenticity. However, a policy of sensitive and imaginative adaptive reuse has ensured that their forms survive intact, with significant items of the industrial plant preserved, and that their interrelationships remain visible in a clear and logical manner. In particular, the authenticity of the important group of industrial buildings designed for Zollverein XII by Fritz Schupp has been carefully conserved.

Protection and management requirements

The Zollverein XII Coal Mine Industrial Complex is a listed industrial monument according to paragraphs 2 and 3 of the Act on the Protection and Conservation of Monuments of the State of North Rhine-Westphalia, dated 11 March 1980 (Protection Law). Building activities within the property and its buffer zone are regulated by paragraph 9 (2) of the Protection Law and through Local Building Plans.

The Zollverein Foundation, established and financed by the State of North Rhine-Westphalia, is the owner of essential parts of the property and responsible for the management and the sustainable development of the World Heritage property. The Foundation acts in concertation with the regional and local historic monument conservation authorities. The management system consists of a set of maintenance and conservation measures. The strategy for the mine's preservation focuses on a responsible redevelopment of the buildings for the purpose of culture and design, entertainment and tourism, implemented by the Zollverein Foundation.

State Party: Property	Holy See / Italy: Historic Centre of Rome, the Properties of the Holy See in that City Enjoying Extraterritorial Rights and San Paolo Fuori le Mura
Id. N°	91bis
Date of inscription	1980

Brief synthesis

The World Heritage property encompasses the whole historic centre of Rome within the city walls at their widest extent in the 17th century, as well as the Basilica of St. Paul's Outside the Walls. The property, complex and stratified, includes outstanding archeological areas integrated in the urban fabric, which result in a highly distinguished ensemble. Founded on the banks of the Tiber river in 753 B.C., according to legend, by Romulus and Remus, Rome was first the centre of the Roman Republic, then of the Roman Empire, and in the fourth century, became the capital of the Christian world. Ancient Rome was followed, from the 4th century on, by Christian Rome. The Christian city was built on top of the ancient city, reusing spaces, buildings and materials. From the 15th century on, the Popes promoted a profound renewal of the city and its image, reflecting the spirit of the Renaissance classicism and, later, of the Baroque. From its foundation, Rome has continually been linked with the history of humanity. As the capital of an empire which dominated the Mediterranean world for many centuries, Rome became thereafter the spiritual capital of the Christian world.

Criterion (i) : The property includes a series of testimonies of incomparable artistic value produced over almost three millennia of history: monuments of antiquity (like the Colosseum, the Pantheon, the complex of the Roman and the Imperial Forums), fortifications built over the centuries (like the city walls and Castel Sant'Angelo), urban developments from the Renaissance and Baroque periods up to modern times (like Piazza Navona and the "Trident" marked out by Sixtus V (1585-1590) including Piazza del Popolo and Piazza di Spagna), civil and religious buildings, with sumptuous pictorial, mosaic and sculptural decorations (like the Capitoline Hill and the Farnese and Quirinale Palaces, the *Ara Pacis*, the Major Basilicas of Saint John Lateran, Saint Mary Major and Saint Paul's Outside the Walls), all created by some of the most renowned artists of all time.

Criterion (ii): Over the centuries, the works of art found in Rome have had a decisive influence on the development of urban planning, architecture, technology and the arts throughout the world. The achievements of ancient Rome in the fields of architecture, painting and sculpture served as a universal model not only in antiquity, but also in the Renaissance, Baroque and Neoclassical periods. The classical buildings and the churches, palaces and squares of Rome have been an unquestioned point of reference, together with the paintings and sculptures that enrich them. In a particular way, it was in Rome that Baroque art was born and then spread throughout Europe and to other continents.

Criterion (iii): The value of the archeological sites of Rome, the centre of the civilization named after the city itself, is universally recognized. Rome has maintained an extraordinary number of monumental remains of antiquity which have always been visible and are still in excellent state of preservation. They bear unique witness to the various periods of development and styles of art, architecture and urban design, characterizing more than a millennium of history.

Criterion (iv): The historic centre of Rome as a whole, as well as its buildings, testifies to the uninterrupted sequence of three millennia of history. The specific characteristics of the site are the stratification of architectural languages, the wide range of building typologies and original developments in urban planning which are harmoniously integrated in the city's complex morphology.

Worthy of mention are significant civil monuments such as the Forums, Baths, city walls and palaces; religious buildings, from the remarkable examples of the early Christian basilicas of Saint Mary Major, St John Lateran and St Paul's Outside the Walls to the Baroque churches; the water systems (drainage, aqueducts, the Renaissance and Baroque fountains, and the 19th-century flood walls along the Tiber). This evidently complex diversity of styles merges to make a unique ensemble, which continues to evolve in time.

Criterion (vi): For more than two thousand years, Rome has been both a secular and religious capital. As the centre of the Roman Empire which extended its power throughout the then known world, the city was the heart of a widespread civilization that found its highest expression in law, language and literature, and remains the basis of Western culture. Rome has also been directly associated with the history of the Christian faith since its origins. The Eternal City was for centuries, and remains today, a symbol and one of the most venerable goals of pilgrimages, thanks to the Tombs of Apostles, the Saints and Martyrs, and to the presence of the Pope.

Integrity

The World Heritage property Historic Centre of Rome, the Properties of the Holy See in that City Enjoying Extraterritorial Rights and San Paolo Fuori le Mura, contains all the essential elements needed to express its Outstanding Universal Value. The property encompasses the whole historic centre of Rome, first inscribed on the World Heritage List in 1980 and extended in 1990 to the walls of Urban VIII, to the Holy See's extraterritorial properties, and to the Basilica of Saint Paul's Outside the Walls, thereby ensuring the complete representation of the values previously recognized. The property, marked by a complex stratification, includes some of the most important artistic achievements in the history of humanity, such as the archeological areas, the Christian Basilicas, and the masterpieces of Renaissance and Baroque art. The property is exposed to a number of threats, including development and environmental pressures, decay of historic buildings, natural disasters, visitor and tourism pressure, and changes in the social and economic framework of the city centre. There are also risks of vandalism and terrorism. All these are being addressed by the site managers.

Authenticity

The historic city, which has constantly changed throughout the centuries, today has a multifaceted and distinctive image. From the 19th century on, a careful and thorough policy has been implemented to protect its monumental and archeological heritage, inspiring an intense activity of restoration, based on principles and laws born of scholarly discussions which were first tested here (restoration of the Colosseum, the Arch of Titus, etc.). Conservation work in Rome has gradually passed from individual monuments to the entire historic fabric of the city, leading to provisions for the protection of urban areas, which made it possible to maintain the integrity of an immense historic district. In Rome there is the *Istituto Centrale del Restauro* (now *Istituto Superiore per la Conservazione e il Restauro*), a prestigious international study centre which played a key role in drafting the Venice Restoration Charter and which helped to define conservation methodologies and tools. The city, centre of civilization from earliest times, today remains an extremely lively hub for meetings and exchange; it has a rich cultural, social and economic life, as well as being a leading destination for pilgrims and tourists. Rome, in all its activity, considers it a priority to preserve its outstanding cultural heritage and to ensure the effective protection of its authenticity.

Protection and management requirements

The property is particularly complex, due not only to its size but also to its many functions (it is also the centre of the capital of Italy), institutions and to its status as a transnational property involving Italy and the Holy See.

With the legal establishment of *Roma Capitale* – the former Municipality of Rome - as a public institution with extended powers, Italy has started the process of simplifying governance, thus uniting in a single subject the institutional capacities for dealing with the promotion and presentation of the property.

The transnational property is protected by legislation of both the Holy See and the Italian Republic. On the part of the Holy See, the Law No. 355 for the Protection of the Cultural Heritage (25 July 2001) protects the site. Legal protection under Italian law includes, on the national level, Legislative Decree No. 42 (22 January 2004), and on the regional level, Law No. 24 (6 July 1998) and the Territorial Landscape Plan that outlines strategies for landscape heritage protection.

On the local level, the General Urban Plan of Rome regulates the entire territory of the city and represents an innovative and flexible tool for the protection, promotion and presentation of the World Heritage property. Specifically, it extends the classification of “historic city” to the whole World Heritage property and to the surrounding areas of the town. Here the regulations take into account the integrity of the urban fabric and the features of the building typologies, allowing different practices and quality controls. It selects, defines and regulates the areas of strategic planning (e.g. the Tiber, the Forums, the city walls), as well as those for potential development. It also outlines fundraising mechanisms for conservation, promotion and presentation of the site.

In addition, *Roma Capitale* has developed a strategic plan containing actions and major interventions aimed at protecting and promoting the values of the property.

Roma Capitale, the Ministry of Cultural Heritage and Activities, the Lazio Region and the Vicariate of Rome have signed an Agreement Protocol for the management of the site. This Protocol identified *Roma Capitale* as the agency of reference for the property and called for the establishment of a Technical-Scientific Commission, later expanded to include members appointed by the Holy See, for drafting the Management Plan.

In conjunction with the drafting of the Management Plan, the Commission has systematically reviewed the action plans of competent institutions, focusing on critical issues, opportunities and needs from a human and environmental standpoint, and promoting workshops and listening sessions with the participation of the main stakeholders.

State Party: Property	Holy See: Vatican City
Id. N°	286
Date of inscription	1984

Brief synthesis

One of the most sacred places in Christendom, Vatican City stands as a testimony to a history of about two millennia and to a formidable spiritual venture. Site of the tomb of the Apostle Saint Peter, first of the uninterrupted succession of Roman Pontiffs, and therefore a main pilgrimage centre, the Vatican is directly and tangibly linked with the history of Christianity. Furthermore, it is both an ideal and an exemplary creation of the Renaissance and of Baroque art. It exerted an enduring influence on the development of the arts from the 16th century.

The independent State, defined by the Lateran Treaty of 11 February 1929, extends its territorial sovereignty over an area of 44 ha in the centre of Rome: Vatican City enclosed by its walls and open toward the city through Bernini's colonnade of Saint Peter's. The boundaries of the city-state contain masterpieces and living institutions that are a witness to the unique continuity of the crucial role played by this place in the history of mankind. The Centre of Christianity since the foundation of Saint Peter's Basilica by Constantine (4th century), and at a later stage the permanent seat of the Popes, the Vatican is at once the pre-eminently holy city for Catholics, an important archaeological site of the Roman world and one of the major cultural reference points of both Christians and non-Christians.

Its prestigious history explains the development of an architectural and artistic ensemble of exceptional value. Beneath the basilica of Saint Peter, reconstructed in the 16th century under the guidance of the most brilliant architects of the Renaissance, remains of the first basilica founded by Constantine still exist, as well as ruins of the circus of Caligula and Nero, and a Roman necropolis of the 1st century AD, where Saint Peter's tomb is located. Under Julius II's patronage in 1506, an extraordinary artistic era was inaugurated, leading to the decoration of Raphael's *Stanze* and of the Sistine Chapel with frescoes by Michelangelo, along with the building of the new basilica, completed in 1626, fruit of the combined genius of Bramante, Raphael, Michelangelo, Bernini, Maderno and Della Porta.

The Vatican Palace is the result of a long series of additions and modifications by which, from the Middle Ages, the Popes rivalled each other in magnificence. The original building of Nicholas III (1277-1280) was enlarged in the 15th, 16th and 17th centuries: the history of the arts of the Renaissance and Baroque periods finds here iconic models.

In 1475, Sixtus IV founded the Vatican Library, which is the first open to the public in Europe; the collections of manuscripts and books, prints, drawings, coins and decorative arts, constantly increased through the centuries, make it an invaluable repository of human culture.

From the mid-18th century, the popes' efforts were also directed towards expanding the private collections of antiquities dating back to the Renaissance: their transformation into public museums accessible to scholars and connoisseurs marks the origin of the Vatican Museums. New buildings were built specifically to house the classical sculptures, such as the Pio-Clementine Museum, which represents a milestone in the history of European culture. The 19th- and 20th-century additions of new and diverse collections and buildings accord with the tradition of papal patronage.

Criterion (i): The Vatican, a continuous artistic creation whose progress spreads over centuries, represents a unique masterpiece of the modelling of a space, integrating creations which are among the most renowned of mankind: not only the world famous icon of sacred architecture, the basilica of Saint Peter, but also the chapel of Nicholas V decorated by Fra Angelico, the Borgia apartment with frescoes by Pinturicchio, the *Stanze* of Raphael and his students, the Sistine Chapel, whose mural decoration, begun by Perugino, Botticelli and other painters, was completed in the 16th century with the frescoes of the ceiling and the monumental *Last Judgement* by Michelangelo, who left his last murals in the Pauline Chapel.

Criterion (ii): The Vatican exerted a deep influence on the development of art from the 16th century. Architects have visited it to study the constructions of Bramante (the Basilica of Saint Peter, the Belvedere Court), of Michelangelo (the cupola of Saint Peter), of Bernini (Saint Peter's colonnade, the *Baldacchino* of the Basilica). Both within and outside Europe, the Vatican buildings have been abundantly copied and imitated, the paintings (the frescoes of Raphael and Michelangelo) and the antiquities of the Museums no less so.

Criterion (iv): The Vatican is both an ideal and exemplary religious and palatial creation of the Renaissance and of Baroque art.

Criterion (vi): Site of the tomb of Saint Peter, pilgrimage centre, the Vatican is directly and materially linked with the history of Christianity. For more than a thousand years, mankind has accumulated, in this privileged site, the treasures of its collective memory (manuscripts and books of the Library) and of its universal genius.

Integrity

The boundaries of the property, which coincide with the entire territory of the Vatican City State, have preserved their original integrity and characteristics. The exceptional urban, architectural and aesthetic values, even through successive additions and changes in form and design, invariably maintain the highest standards of artistic quality and workmanship, building an organic ensemble of unparalleled harmony. Civil and sacred buildings, which have been in use for centuries, maintain their religious, cultural, institutional and diplomatic functions unaltered.

Authenticity

The property meets the required conditions of authenticity, since most of its features are still preserved and maintained in their initial form, perform their primary functions and truthfully convey their original spiritual and cultural values. The extensive restoration campaigns conducted on some of the most significant monuments of the site since the date of the inscription ensure the material conservation of the heritage and strengthen its capacity for expressing its values.

Protection and management requirements

The property is safeguarded by the law for the protection of the cultural heritage (no. 355, 25/07/2001) and by several rules of procedure issued by the various institutions of the Holy See in charge of heritage. For instance, the body responsible of the preservation and maintenance of Saint Peter's Basilica, the *Fabbrica di S.Pietro*, was founded in 1506 and is still active. The legal protective mechanism and traditional management system are adequate and ensure the effective protection of the site. The state of conservation of the property is constantly and carefully monitored, with special attention paid to the impact of the huge number of pilgrims and visitors.

State Party: Property	Iceland: Þingvellir National Park
Id. N°	1152
Date of inscription	2004

Brief synthesis

A rift valley with its high cliffs makes Þingvellir National Park a magnificent natural backdrop for the open air parliamentary assembly (or Alþing) of Iceland, which was held there annually from around 930 to 1798. Over two weeks a year, the assembly set laws – seen as a covenant between free people – and settled disputes. The Alþing has deep historical and symbolic associations for the people of Iceland. The property includes the Þingvellir National Park and the remains of the Alþing itself: fragments of around 50 booths built from turf and stone. Remains from the 10th century are thought to be buried underground. The property also includes Þingvellir Church and adjacent farm, the population of arctic char in Lake Þingvallavatn as well as remains of agricultural use from the 18th and 19th centuries. Its dramatic history dating back to the establishment of the Alþing gives insight into how a Viking Age pioneer community organized its society from scratch and evolved towards the modern world.

Þingvellir National Park is located in an active volcanic area, just 49 km east of Reykjavík, the capital of Iceland, and covers 24,000 ha, of which 9,270 ha constitute the World Heritage property. Its best-defined feature is a major rift, which has produced dramatic fissures and cliffs demonstrating inter-continental drifting in a spectacular and understandable way. The National Park is enclosed by a varied belt of mountains on three sides, featuring grass-covered lava fields, and Lake Þingvallavatn lies at its southern end. This outstanding scenery give the area its unparalleled value.

The World Heritage property contains the physical remains of the Alþing and its long persistence at Þingvellir. There is a well-known kinship between the Alþing, Þingvellir, and Germanic Law and governance, documented through the Icelandic sagas and the written codification of the Grágás Laws. This closeness was strengthened in the 19th century by the independence movement and a growing appreciation of landscape values and their perceived association with 'natural' and 'noble' laws. Furthermore, the Alþing is closely linked to its hinterland (now the landscape of the National Park), an agricultural land that was traditionally used as grazing grounds for those attending the Alþing, and across which the tracks led to the Assembly grounds. The fossilised cultural landscape of the park reflects the evolution of the farming landscape over the past thousand years, with its abandoned farms, fields, tracks; associations with people and events recorded in place names and archival evidence also document the settlement in Iceland as well as the high natural values of this landscape. The inspirational qualities of Þingvellir's landscape, derived from its unchanged dramatic beauty, its association with national events and ancient systems of law and governance, have lent the area its iconic status and turned it into the spiritual centre of Iceland.

Criterion (iii): The Alþing and its hinterland, the Þingvellir National Park, represent, through the remains of the assembly ground, the booths for those who attended, and through landscape evidence of settlement extending back possibly to the time the assembly was established, a unique reflection of mediaeval Norse/Germanic culture and one that persisted in essence from its foundation in 930 AD until the 18th century.

Criterion (vi): Pride in the strong association of the Alþing to medieval Norse/Germanic governance, known through the 12th century Icelandic sagas and reinforced during the fight for independence in the 19th century, have, together with the powerful natural setting of the assembly grounds, given the site iconic status as a shrine for the national Icelandic identity.

Integrity

The World Heritage property has all the necessary attributes to express the Outstanding Universal Value of the Alþing and its surrounding landscape, and the assembly area and its setting in the unspoiled landscape are protected. Located in an active seismic zone, the land is subject to natural change. The floor of the valley has subsided by some 3-4 metres since the Alþing was founded at Þingvellir and will continue to do so. In 2004, the National Park was enlarged by legislative Act no. 47/2004 and the enlarged protection area surrounds the World Heritage property, and provides protection equivalent to a buffer zone.

Authenticity

The overall cultural landscape has changed little since the 10th century, and more recent buildings such as the Þingvellir Church and Farm respect traditional styles. The property lacked authenticity in two specific aspects at the time of inscription: summer houses and conifer trees. Contemporary “summer houses” are particularly intrusive along the western shores of Lake Þingvallavatn, southwest of the innermost assembly site, and a few can also be found in the wider landscape to the east of the assembly site, and can affect the inspirational and spiritual values of the property. The conifer trees in the innermost assembly site have since then been cut down. At the time of inscription, the hotel Valhöll was located in the inner core of the nominated area, yet it burnt down in 2009.

Protection and management requirements

Þingvellir National Park has remained under the same administration arrangement (the Þingvellir Commission) since it was founded in 1930. Thus, the supervisory duties of the National Park administration and its responsibility for conditions in the Park and its impact area are very strong. The Park administration pursues all possibilities to ensure that the National Park does not deteriorate and that it is run in a sustainable fashion.

Four permanent staff work for the Þingvellir National Park on a year-round basis. The Director is in charge of its day-to-day operation, finances and the staff, an interpretive manager, head warden and a secretary. From 1 April to 1 November, 10-12 seasonal rangers work in the park. They are responsible for supervision, interpretive services and minor maintenance work, along with other permanent employees. Experts on conservation and preservation of archaeological monuments and sites are consulted via the Archaeological Heritage Agency of Iceland.

The Þingvellir Commission schedules regular revisions of the Management Plan. Its main objectives are to safeguard the natural historical area and heritage sites of the National Park for the future, while also making preparations for visitors, whose numbers may be expected to rise steadily. As seismic activities are a natural phenomenon in the area, any threats from such occurrences will be dealt with appropriately as they occur.

The 2004 ICOMOS evaluation made 6 recommendations with respect to Þingvellir’s inscription on the World Heritage List, dealing with archaeological research, holiday houses, forestry and infrastructure (roads, bridges and car parks). Those recommendations, and any subsequent recommendations made by the World Heritage Committee and its Advisory Bodies, are met with ad-hoc projects or are addressed in revisions of the management plan.

State Party: Property	Italy: Botanical Garden (Orto Botanico), Padua
Id. N°	824
Date of inscription	1997

Brief synthesis

The world's first university botanical garden was created in Padua in 1545, which makes the Botanical Garden of Padua the oldest surviving example of this type of cultural property. Botanical gardens have played a vital role throughout history in the communication and exchange not only of ideas and concepts but also of plants and knowledge. The Botanical Garden of Padua is the original of botanical gardens in Europe, and represents the birth of botanical science, of scientific exchanges, and understanding of the relationship between nature and culture.

It preserves its original layout, a circular central plot symbolizing the world surrounded by a ring of water representing the ocean. The plan is a perfect circle with a large inscribed square, which is subdivided into four units by orthogonal paths, oriented according to the main cardinal directions. When the four entrances were re-designed in 1704, the wrought-iron gates leading to the inner circles and the four acroteria were placed on eight pillars and surmounted by four pairs of wrought-iron plants. During the first half of the 18th century, the balustrade, which runs along the top of the entire 250 m of the circular wall, was completed. The Botanical Garden of Padua houses two important collections: the library that contains more than 50,000 volumes and manuscripts of historical and bibliographic importance and the herbarium, which is the second most extensive in Italy. Particularly rare plants were also traditionally collected and grown in the garden. Currently, there are over 6,000 species, arranged according to systematic, utilitarian and ecological-environmental criteria, as well as thematic collections.

The Botanical Garden of Padua is exceptional by virtue of its high scientific value in terms of experimentation, education and collection, and of its layout and architecture. Its herbarium and library continue to be among the most important in the world. It has made a profound contribution to the development of many modern scientific disciplines, notably botany, medicine, ecology, and pharmacy.

Criterion (ii): The Botanical Garden of Padua has represented a source of inspiration for many other gardens in Italy and around Europe and has influenced both their architectural and functional designs and their didactic and scientific approaches in medicinal plants studies and related disciplines. Since its foundation, it has been at the centre of a wide network of international relationships, contributing to the dissemination of the various aspects of the medicinal plants and botanical sciences and to the preservation of plant species *ex-situ*. It also made profound contributions to the development of many modern scientific disciplines, notably botany, medicine, ecology and pharmacy.

Criterion (iii): For more than five centuries, the Botanical Garden of Padua has represented an exceptional testimony of scientific and cultural significance. Its position, size and main characteristics, as well as its main research and didactic features, have remained essentially unchanged over centuries with a constant adaptation to the most advanced discoveries in botanical and educational sciences. Many renowned botanists become 'Praefectus' of the Botanical Garden of Padua, leaving evidence of their scientific works in the plants named after them (e.g. the Pontederiaceae family in honor of Praefectus Giulio Pontederà).

Integrity

The inscribed property has an area of 2.20 ha with a buffer zone of 11 ha and includes all the necessary elements to convey its Outstanding Universal Value. The Botanical Garden has been continuously maintained over its long history and has retained its integrity in respect to the structural elements, original setting and layout, and in terms of its function, remaining for more than five centuries a location devoted to research, teaching and scientific dissemination.

Authenticity

The Botanical Garden has been in continuous use for its original purposes ever since it was created in the 16th century. It still preserves its original layout: a circular central plot, symbolizing the world, surrounded by a ring of water. Although other elements were added later, including some architectural features, such as ornamental entrances and balustrades, and some practical ones, such as pumping installations and greenhouses, it maintains its authenticity. Some restoration works had been carried out during the 19th and 20th centuries in full respect of the original characteristics and materials. The modifications carried out to the original design have kept pace with developments in botanical and horticultural theories and practices, but overall it clearly retains the original design and structure.

Protection and management requirements

The safeguarding and protection of the Botanical Garden of Padua is the shared responsibility of numerous institutional stakeholders, operating at communal, provincial, regional and national levels. The protection and management of the property is ensured by the framework of national legislation on cultural heritage protection (Decreto Legislativo N° 42/2004, "Codice dei Beni Culturali e del Paesaggio"), which prescribes the necessary preliminary approval of any intervention by the Regional Direction for the Cultural and Landscape Issues of the Veneto Region, the local office of the Ministry of Culture.

The Botanical Garden is not legally protected *per se*, but it is surrounded by several properties protected under the provisions of the basic Italian cultural heritage protection. Most of the eastern boundary is covered by Ministerial constraints under the same law. The City Administration protects a 40 m belt around the entire Garden, under a law approved in 1995 ("Protection area of the Botanical Garden"). This is also a legal framework, which allows only for conservative restoration interventions to be carried out.

At the regional level (Veneto Region) the territorial and urban planning tools aim at promoting the sustainable development of the whole areas included, with particular attention to the cultural-historical identities of the various settlements and the valorisation of the naturalistic areas.

The plans at the provincial level (PTRC of Padua province) identify the possible synergies for the safeguarding of the natural environment and the promotion of the traditional local economic activities, in particular tourism is seen as the key sector to promote the valorisation of the property.

The Botanical Garden is the property of the Italian State, but is on permanent loan to the University of Padua, which is, since its foundation in 1545, the only entity responsible for the management and upkeep of the Garden; the authority in charge is called 'Praefectus Horti Botanici Patavini' and is appointed by the Rector of the University. For the past two decades a Technical-Scientific Committee (CTS) composed of distinguished experts in botany and plant pathology has supported the Praefectus. The University is responsible for the maintenance of the Garden and the infrastructure of the greenhouses; it maintains a technical staff of permanent employees (gardeners). Additionally, it receives financial support from the Municipality of Padua, which is primarily used to cover the costs of the guided tours and the extended opening time for the tourists.

To avoid the continuation of the partial destruction of the surrounding areas and urban expansion, the University of Padua bought a large part of the nearby area to build a modern 'satellite' botanical garden.

The Management Plan intends to preserve and valorise the Botanical Garden in relation to the other key cultural assets (e.g. the Cappella degli Scrovegni, and the system of the medieval squares) that are present within and nearby the territory of the Padua Municipality and Province, by encouraging joint planning and activities.

The strategic perspective is that of the integrated approach, namely the combination of the science promotion activities (e.g. conferences, seminars and exhibitions dedicated to the various aspects of the botany and the related fields) with sustainable tourism management, offering specific visits to target groups (e.g. schools, universities, experts, scientists, and visitors). This intends to respond to the critical aspects identified by the Management Plan related to the reduction of funds.

State Party: Property	Italy: Ferrara, City of the Renaissance, and its Po Delta
Id. N°	733bis
Date of inscription	1995, 1999

Brief synthesis

Ferrara, City of the Renaissance, and its Po Delta, situated within the Emilia Romagna region of Italy, is a remarkable cultural landscape. The area comprises the urban centre of Ferrara and adjoining agricultural lands within the ancient and vast Po River Delta.

The inscribed property extends to the ring of defensive walls that first enclosed the historic urban centre of Ferrara in the 12th century. Over time, the encircling walls of the medieval town were extended to accommodate urban growth, and today the walls encircle the medieval city, the Cathedral of San Giorgio and the Estense Castle. A series of urban planning schemes were implemented from the 14th to 16th centuries, which made Ferrara the first Renaissance city to be developed using a complex urban plan. In this plan, the network of streets and walls were closely linked with the palaces, churches and gardens as part of an overall scheme that gave precedence to the harmonious layout of urban perspectives, rather than accentuating the beauty of individual buildings. The best known of these schemes, the Addizione Erculea designed by Biagio Rossetti at the end of the 15th century, was one of the first urban plans based on the idea of perspective – that is, balancing humanist principles relating to form and volume in architecture with open space, the needs of the city, and local traditions.

The Po Delta of the Po River valley has been settled for millennia. From the 14th to the 16th centuries, the ruling Este family carried out extensive land reclamation and building projects, which give this area a distinctive character link with Ferrara, seat of the Este family. Transformations made to the countryside surrounding Ferrara during the Renaissance included: drainage of huge swathes of swampland, establishment of castalderie (estates), creation of new waterways and streets as part of the overall urban development plan and construction of a network of noble residences known as the *delizie estensi*. This work led to a new fabric of agricultural production and the construction of Ducal residences as the political sign of magnificence. These were designed to mirror the image of the Court beyond the urban confines and again formed part of a process of integration and continuity between the city and the surrounding countryside. The original form of the Renaissance landscape of the Po River Delta is still recognisable in the region's 21st-century layout.

The history of the Renaissance city of Ferrara is closely bound to the Este family and their rule. The city had been an important medieval centre, a free city with its own laws and even its own mint, but only under the Este's was it to become an internationally known capital with great importance for the arts, economics, ideology and religion. The court flourished in splendour and for two centuries was on a par with cities such as Florence and Venice or with other great European courts in France or Spain.

Artists such as Piero della Francesca, Mantegna and Michelangelo attended the Este Court and worked there. With great support from these artists, the Este family created the first example of a studiolo and their practice of art collection became a model for both the Medici family and the Pope.

Criterion (ii): Developments in town planning expressed in Renaissance Ferrara had a profound influence on town design practice and planned preservation throughout the succeeding centuries. The Ferrarese architectural school (Biagio Rossetti, Girolamo da Carpi, Giambattista Aleotti, etc.) exported urban design views and elements such as walls and fortresses into the planning of other Italian and European cities.

Criterion (iii): The Este ducal residences in the Po Delta illustrate the influence of Renaissance culture on the natural landscape in an exceptional manner.

Criterion (iv): The historical town of Ferrara is an exceptional example of Renaissance period urban planning in which the layout and built forms from this period are still visible and where the urban fabric is virtually intact.

Criterion (v): The Po Delta is an outstanding planned cultural landscape that retains its original form to a remarkable extent.

Criterion (vi): During the two seminal centuries of the Renaissance, the brilliant court of the Este family attracted leading artists, poets and philosophers and became a major centre for the development and practical application of 'new humanism' in Italy.

Integrity

The 46,712 ha inscribed property, along with the 117,649 ha buffer zone, encompasses all the elements necessary to understand the Renaissance cultural landscape of Ferrara and its Po Delta, which substantiates its Outstanding Universal Value. The intactness of the property is evidenced in the Renaissance period layout of the city of Ferrara as well as in the landscape changes and transformations of the surrounding agricultural landscape. The wholeness of Renaissance Ferrara is visible in the medieval walls, the forms of the 14th to 16th century town planning schemes, the surviving and largely original buildings and in the well preserved layout of the city that is easily understood by visitors. The wider landscape of the World Heritage property is most evident in the remaining *delizie* that point to the land transformation schemes undertaken during the time of the ruling Este family.

Thus the Renaissance cultural landscape of Ferrara and the Po Delta forms a historical whole. However, changing methods of cultivation and economic priorities, as well as the introduction of new infrastructure are concerns that will need to be holistically addressed in order to maintain the conditions of integrity.

Authenticity

Ferrara, City of the Renaissance, and its Po Delta is a cultural landscape that is exceptionally well preserved and is authentic in its form and design, materials, setting, spirit, and feeling. The originality of the urban fabric of Ferrara, along with its Renaissance design and layout elements, makes it a clearly recognisable Renaissance city. Some of the *delizie* are authentic in relation to original large farm settings and are in excellent condition following restoration works carried out since 1970. The relationships of Renaissance elements with branches of the Po River (Po di Ferrara, Primaro, Volano, Sandalo) are readily recognisable and the ancient course of these rivers and streams are clearly visible today. Despite a long history of damage to the property, it retains a truthfulness and credibility with regard to its expression of Outstanding Universal Value.

Protection and management requirements

The protection and management of Ferrara, City of the Renaissance and its Po Delta requires the cooperation of public institutions at different levels of government: national, regional, provincial and municipal.

The property is protected under national cultural heritage legislation: the "Codice dei Beni Culturali e del Paesaggio" (Legislative Decree 42/2004). Local offices of the "Ministero per i Beni e le Attività culturali" (Regional Management and Supervision) undertake monitoring to ensure compliance with the national legislation.

At the regional level, there are three specific planning systems. The Regional Landscape Plan (PTPR) establishes regulations with regard to the historical-cultural identity of locations and the surrounding landscape. The Po Delta Park Plan's aim is to protect the areas of natural importance. The Provincial Territorial Plan (PTCP) identifies the synergies and actions needed to develop traditional economic activities and tourism in a manner that protects the character of the environment and the countryside. The plan encompasses the large area that makes up both the inscribed property area and its buffer zone.

In addition, the Municipality of Ferrara has an approved Urban Planning Tool that identifies the whole of the historic city inside the walls as an area of cultural interest and consolidates the high degree of protection that has been in place since 1975. There are several programmes with specific aims that deal with conserving the Renaissance walls and open spaces inside and outside the city walls.

The management of the property is coordinated through a multi-level government Site Steering Committee. The Committee is responsible for preparing and implementing the annual Management Plan. A key aim of the Management Plan is to increase public awareness, particularly of local residents and workers, with regard to the extent of the property and its outstanding importance.

Sustaining the Outstanding Universal Value of the property and maintaining its conditions of authenticity and integrity over time will require the creation of improved linkages and coordinated management between the urban landscape of Ferrara and the rural landscape of the network of *delizie*, the improvement of the regional regulatory regime to effective control use and transformation of the area and infrastructure development, the increase of local awareness of the heritage values of the properties and opportunities to enjoy the area's heritage and the definition of clear policies for the adaptive reuse of historic properties that have been abandoned or damaged. Also, sufficient resources for interventions will need to be allocated to address the considerable damages from the May 2012 earthquakes, particularly to the city walls, the Estense Castle, the medieval cathedral, the Rocca (bastion) of Stellata and to several historic buildings.

State Party: Property	Italy: Historic Centre of Florence
Id. N°	174
Date of inscription	1982

Brief synthesis

Florence was built on the site of an Etruscan settlement and the later ancient Roman colony of Florentia (founded in 59 BC). This Tuscan city became a symbol of the Renaissance during the early Medici period (between the 15th and the 16th centuries), reaching extraordinary levels of economic and cultural development. The present historic centre covers 505 ha and is bounded by the remains of the city's 14th-century walls. These walls are represented by surviving gates, towers, and the two Medici strongholds: that of Saint John the Baptist in the north, popularly known as "da Basso", and the Fort of San Giorgio del Belvedere located amongst the hills of the south side. The Arno River runs east and west through the city and a series of bridges connects its two banks including Ponte Vecchio and Ponte Santa Trinita.

Seven hundred years of cultural and artistic blooming are tangible today in the 14th-century Cathedral of Santa Maria del Fiore, the Church of Santa Croce, the Palazzo Vecchio, the Uffizi gallery, and the Palazzo Pitti. The city's history is further evident in the artistic works of great masters such as Giotto, Brunelleschi, Botticelli and Michelangelo.

The Historic Centre of Florence can be perceived as a unique social and urban achievement, the result of persistent and long-lasting creativity, which includes museums, churches, buildings and artworks of immeasurable worth. Florence had an overwhelming influence on the development of architecture and the fine arts, first in Italy, and then in Europe. It is within the context of Florence that the concept of the Renaissance came to be. This heritage bestows upon Florence unique historical and aesthetic qualities.

Criterion (i): The urban complex of Florence is in itself a unique artistic realization, an absolute chef-d'œuvre, the fruit of continuous creation over more than six centuries. In addition to its museums (the Archaeological Museum, Uffizi, Bargello, Pitti, Galleria dell'Accademia), the greatest concentration of universally renowned works of art in the world is found here – the Cathedral of Santa Maria del Fiore, the Baptistery and the Campanile of Giotto, Piazza della Signoria dominated by Palazzo Vecchio and the Palazzo Uffizi, San Lorenzo, Santa Maria Novella, Santa Croce and the Pazzi chapel, Santo Spirito, San Miniato, and the Convent of San Marco which houses paintings of Fra Angelico.

Criterion (ii): Since the Quattrocento, Florence has exerted a predominant influence on the development of architecture and the monumental arts – first in Italy, and throughout Europe: the artistic principles of the Renaissance were defined there from the beginning of the 15th century by Brunelleschi, Donatello and Masaccio. It was in the Florentine milieu that two universal geniuses of the arts – Leonardo da Vinci and Michelangelo – were formed and asserted.

Criterion (iii): The Historic Centre of Florence attests in an exceptional manner, and by its unique coherence, to its power as a merchant-city of the Middle Ages and of the Renaissance. From its past, Florence had preserved entire streets, fortified palaces (Palazzo Spini, Palazzo del Podestà, Palazzo della Signoria), lodges (Loggia del Bigallo, Loggia dei Lanzi, Loggia degli Innocenti and del Mercato Nuovo), fountains, a marvellous 14th-century bridge lined with shops, the Ponte Vecchio. Various trades, organized into prosperous arts have left several monuments such as the Or San Michele.

Criterion (iv): Florence, a first-rate economic and political power in Europe from the 14th to the 17th century, was covered during that period with prestigious buildings which translated the munificence of the bankers and the princes: Palazzo Rucellai, Palazzo Strozzi, Palazzo Gondi, Palazzo Riccardi-Medici, Palazzo Pandolfini, Palazzo Pitti and the Boboli Gardens – as well as the sacristy of San Lorenzo, the funerary chapel of the Medici, and the Biblioteca Laurenziana and others.

Criterion (vi): Florence is materially associated with events of universal importance. It was in the milieu of the Neo-Platonic Academia that the concept of the Renaissance was forged. Florence is the birthplace of modern humanism inspired by Landino, Marsilio Ficino, Pico della Mirandola and others.

Integrity

The Historic Centre of Florence comprises all the elements necessary to express its Outstanding Universal Value. Surrounded by Arnolfian walls that date to the 14th century, the city includes the "quadrilatero romano," which is made up of the present Piazza della Repubblica, the narrow, cobblestone streets of the medieval city, and the Renaissance city.

The urban environment of the historic centre remains almost untouched and the surrounding hills provide a perfect harmonious backdrop. This landscape maintains its Tuscan features, adding to its value.

Many of the threats to the historic centre relate to the impact of mass tourism, such as urban traffic air pollution, and of the decreasing number of residents. Natural disasters, specifically the risk of floods, have been identified as a threat to the cultural heritage and landscape. The 2006 Management Plan addresses this concern by defining emergency measures to be taken in the case of flooding.

Authenticity

The setting of Florence, surrounded by the Tuscan hills and bisected by the Arno River, has remained unchanged throughout the centuries. Florentines, aware of their own architectural past, have been able to preserve original building techniques with traditional building materials such as “pietra forte”, “pietra serena”, plasterwork, and frescoes. The Historic Centre of Florence has safeguarded its distinguishing characteristics, both in terms of building volume and decorations. The city has respected its medieval roots such as its urban form with narrow alleyways, and its Renaissance identity, exemplified by Palazzo Pitti's imposing structure. These values are still appreciable within the historic centre, notwithstanding the 19th-century transformations undertaken during the period in which Florence served as the capital of Italy.

Unique Florentine handicraft and traditional shops in the historic centre are a concrete testimonial to the local past. Thus, they guarantee continuity for an outstanding tradition perpetuating the historical image of the city.

Protection and management requirements

The components of the property within its 505 ha boundary are under various private, religious, and public ownership and subject to a number of measures for their protection. National provisions provide for the protection and preservation of cultural heritage (D.lgs 42/2004), which regulates on behalf of the “Ministero dei Beni e delle Attività Culturali e del Turismo” all actions that may affect the cultural heritage of the site.

Since 2006, the Historic Centre of Florence has a Management Plan in place naming the Municipality of Florence as the party responsible for the World Heritage property.

Moreover, within the city's Master Plan, Florence has put in place a tool for urban planning which identifies the historic centre as a place of cultural and environmental concern. In this area, only conservation and restoration practices are put into action. In particular the Structural Plan outlines the strategies and innovations identified for the city's future: it foresees an improvement to living conditions for residents, improvements to tourism, and initiatives to increase awareness of the historic centre as a World Heritage property. Associated with this initiative is a building policy which controls activities in the historic centre.

The Municipality, as the party responsible for the site, has created an ad hoc office responsible for the Management Plan and to carry out tasks for the site's conservation and development. The office identifies and develops the guidelines with other managing parties, plans the shared actions, and supervises the progress of the projects.

The Management Plan works to safeguard and conserve the urban structure and to maintain and increase the relationship between the traditional social-economic practices and the cultural heritage of the city.

State Party: Property	Italy: Historic Centre of Naples
Id. N°	726bis
Date of inscription	1995

Brief synthesis

Located in southern Italy, Naples is a major port city in the centre of the ancient Mediterranean region. Its origins go back to its foundation as *Parthenope* or *Palaepolis* in the 9th century B.C., subsequently re-established as *Neapolis* (New City) in 470 B.C. It is therefore one of the most ancient cities in Europe, whose current urban fabric preserves a selection of outstanding elements of its long and eventful history, as expressed in its street pattern, its wealth of historic buildings and parks, the continuation of many of its urban and social functions, its wonderful setting on the Bay of Naples and the continuity of its historical stratification.

Naples was among the foremost cities of *Magna Graecia*, playing a key role in the transmission of Greek culture to Roman society. It eventually became a major cultural centre in the Roman Republic, *civitas foederata*. Sections of the Greek town walls excavated since World War II and the excavated remains of a Roman theatre, cemeteries and catacombs testify to this history. In the 6th century A.D., Naples was conquered by the Byzantine Empire, becoming an autonomous Duchy, later associated with the Normans, Swabians, and the Sicilian reign. Evidence of this period includes the churches of San Gennaro *extra moenia*, San Giorgio Maggiore, and San Giovanni Maggiore with surviving elements of 4th and 5th century architecture, the chapel of Santa Restituta in the 14th-century cathedral, and the Castel dell'Ovo, one of the most substantial survivals from the Norman period, although subsequently remodelled on several occasions.

With the Angevin dynasty (1265-1442), Naples became the living symbol of the prestige, dignity, and power of the dynasty. The city expanded to include suburbs and neighbouring villages. The Angevin also initiated an influential relationship with Western art and architecture, particularly French Gothic, integrated with the earlier Greek and Arab elements. The convents of Santa Chiara and San Lorenzo Maggiore and the churches of Donna Regina and l'Incoronata, San Lorenzo Maggiore, San Domenico Maggiore and the new Cathedral date from this period.

From the 15th to 17th centuries, Naples was governed by the Aragonese, who remodelled the defenses and street pattern, and constructed the Castel Nuovo largely in the Tuscan style as one of the foremost centres of their empire. The period of Spanish rule is marked by the Royal Palace built in 1600 along one side of the imposing Piazza del Plebiscito, the Monte dei Poveri Vergognosi charitable institution, the convent of Sant'Agostino degli Scalzi, and the Jesuit College on Capodimonte.

From 1734, under the government of the Bourbons, Naples emerged, together with Paris and London, as one of the major capital cities of Europe. The architectural heritage of Naples from this period was widely influential, and is expressed particularly in the interior design of the royal palaces and associated noble residences that were part of the territorial system extending far beyond the city itself. Important palaces of the 18th century include the large palace Albergo dei Poveri, the National Archaeological Museum, the Certosa of Suor Orsola Benincasa on the hill of San Martino, and the Villa Pignatelli.

The component parts of the serial property are the Historical Centre of Naples; the District of Villa Manzo, Santa Maria della Consolazione; Marechiaro; the District of Casale; the District of Santo Strato and the Villa Emma.

Criterion ii (1994): The city's setting on the Bay of Naples gives it an Outstanding Universal Value which has had a profound influence in many parts of Europe and beyond. Naples has exerted great influence on the rest of Europe ever since the antiquity, as a major centre in *Magna Graecia* and of the Roman Republic. Its role as one of the most influential cultural centres in the Mediterranean region was reconfirmed in the Middle Ages and again from the 16th to 18th centuries, being one of the major European capitals, and exerting important influences in many cultural fields, especially related to art and architecture.

Criterion (iv): Naples is one of the most ancient cities in Europe, whose contemporary urban fabric preserves the elements of its long and eventful history. The rectangular grid layout of the ancient Greek foundation of Neapolis is still discernible and has indeed continued to provide the basic form for the present-day urban fabric of the Historic Centre of Naples, one of the foremost Mediterranean port cities. From the Middle Ages to the 18th century, Naples was a focal point in terms of art and architecture, expressed in its ancient forts, the royal ensembles such as the Royal Palace of 1600, and the palaces and churches sponsored by the noble families.

Integrity

The World Heritage property of the Historic Centre of Naples includes all the essential elements that contribute to the justification of its Outstanding Universal Value. These comprise the historic centre as defined by the Aragonese walls, as well as significant elements from the 18th century, including important palaces, as well as buildings for governmental, residential, university, health and sanitary, and arts and crafts functions. These buildings and functions represent all the relevant periods of the history of Naples, and are in a fair state of conservation. The important historical relationship of the city to the sea is maintained through the preservation of archaeological remains of the Roman period along the sea coast and the rehabilitation of the small boat harbours found from Castel Nuovo to Capo Posillipo.

A minor boundary modification was approved by the World Heritage Committee in 2011. This enlarged the component "Historic Centre of Naples" and merged and enlarged the components "District of Casale" and "District of Santo Strato", in order to include a non-developed and protected archaeological area. The property is vulnerable to lack of maintenance of the non-monumental urban fabric. The setting of the property is intact and not threatened by development.

Authenticity

The town plan has a high level of authenticity, and has retained considerable evidence of the Greco-Roman city and the checkerboard layout of the 16th-century "Spanish quarters". The typology of the public and private buildings has been well retained as part of the current city plan, as well as in their spatial, volumetric, and decorative features. There is remarkable continuity in the use of materials, all derived locally, and distinctive visual and material features, such as the basic yellow tufa, white marble, and the grey *piperno*. The techniques developed for the use of these materials survive to a considerable degree and are used in restoration and conservation projects.

Protection and management requirements

The 1972 General Town Plan (Ministerial Decree No 1829, 31 March 1972) identifies the protected area of the historic centre, where all interventions must be approved by the appropriate *Soprintendenza*. The Master Plan confirmed the requirements of the previous plan by expanding the scope of the defined town centre. The provisions of Act No. 47 of 28 February 1985 on "Norms Pertaining to Town Planning and Building Control Activity, Sanctions, Recovery, and Redevelopment of Abusive Works" are applicable to the area, and lay down specifications for building heights and spacing. A large number of buildings in the city are designated under the terms of Act No. 1089 of 1 June 1939, the central piece of Italian legislation relating to heritage protection. These rules were later merged in the code of the cultural heritage and landscape of the D.Lgs n.42/2004.

This means that for these buildings there is a safeguard measure which ensures any activity on the site must be authorized by the relevant *Soprintendenza* (peripheral office of the Ministry for Cultural Heritage and Activities), which can deny it for conservation reasons, authorize intervention including limitations, authorizing only interventions which do not harm the resource in question.

Other national and regional statutes and regulations relating to planning control and heritage are also applicable to the Historic Centre of Naples. The responsible national agencies are the Ministry for the Environmental and Cultural Heritage, the Campania Regional Council, the Provincial Council of Naples, and the Municipal Council of Naples. The management of the World Heritage property is undertaken by an office of the municipality that was created for the valorisation of the Historic Centre of Naples. This office is responsible for a management plan for the World Heritage property which guides its safeguarding and protection while at the same time ensuring that Naples remains a living and vibrant city. The plan will be regularly monitored to ensure its effectiveness and is updated every 6 to 10 years. The vision of the Management Plan is to safeguard the cultural heritage and to conserve the stratified urban fabric, to support traditional socio-economic interrelations and cultural production, as well as the quality of life, to maintain the mixed uses, to increase security and hygiene, and to raise awareness and understanding of heritage resources. The scope is also to integrate the property within the broader territorial system around the Bay of Naples, Capri, Sorrento, Herculaneum and Pompei, in the context of cultural tourism for the area.

State Party: Property	Lithuania / Russian Federation: Curonian Spit
Id. N°	994
Date of inscription	2000

Brief synthesis

The Curonian Spit is a unique and vulnerable, sandy and wooded cultural landscape on a coastal spit which features small Curonian lagoon settlements. The Spit was formed by the sea, wind and human activity and continues to be shaped by them. Rich with an abundance of unique natural and cultural features, it has retained its social and cultural importance. Local communities adapted to the changes in the natural environment in order to survive. This interaction between humans and nature shaped the Curonian Spit cultural landscape.

The history of the Curonian Spit is dramatic: 5,000 years ago, a narrow peninsula (98 km in length and 0.4-3.8 km in width), the Great Dune Ridge separating the Baltic Sea from the Curonian Lagoon, was formed on moraine islands from sand transported by currents, and later covered by forest. After intensive logging in the 17th and 18th centuries, the dunes began moving towards the Curonian Lagoon, burying the oldest settlements. At the turn of the 19th century, it became evident that human habitation would no longer be possible in the area without immediate action. Dune stabilisation work began, and has continued ever since. By the end of the 19th century, a protective dune ridge was formed along the seashore to prevent inland sand migration, and the Great Dune Ridge was reinforced using trees and brushwood hedges. Currently, forests and sands dominate the Curonian Spit. Urbanised areas (eight small settlements) cover just about 6% of the land.

The most valuable elements and qualities of the Curonian Spit cultural landscape are its unique size and general spatial structure, demonstrating the harmonious coexistence between humans and nature; the characteristic panoramas and the silhouette of the Curonian lagoon; cultural elements including the remains of postal tracks, trade villages from the 10th and 11th centuries, traditional fishermen villages and other archaeological heritage covered by sand; the spatial-planned structure and architecture of ancient fishermen villages turned into resort settlements (ancient wooden fishermen houses, professionally designed buildings of the 19th century, including lighthouses, piers, churches, schools, villas); and elements of marine cultural heritage; natural and human-made elements including the distinctive Great Dune Ridge and individual dunes, relics of ancient parabolic dunes; a human-made protective coastal dune ridge; relics of moraine islands, seacoast and littoral forests and littoral capes; ancient forests, mountain pine forests and other unique sand flora and fauna including a bird migration path; and the social-cultural traditions, spirituality, and the social perception of the area, which reflect the local lifestyle formerly centred on fishermen, artists, scientists, yachtsmen and gliders, travellers and other visitors.

Criterion (v): The Curonian Spit is an outstanding example of a landscape of sand dunes that is under constant threat from natural forces (wind and tide). After disastrous human interventions that menaced its survival, the Spit was reclaimed by massive protection and stabilization works that began in the 19th century and are still continuing to the present day.

Integrity

The entire area of the Curonian Spit cultural landscape reflects valuable qualities and underlying processes, retains historical functions and specific sustainable land use methods related to the peculiarities of the natural environment, and reflects the unique spiritual bond between humans and nature. The boundaries of the World Heritage property are sufficient to express all the attributes of its Outstanding Universal Value. Some of these attributes, such as the fishermen houses, need careful maintenance. In general, these attributes are particularly sensitive to pressures such as climate change, severe weather events, fire, excessive development and tourism. Because of the continuous evolution and development of the cultural landscape, it is very important to regulate

the number of visitors to the property. New developments and other economic activities must be regulated to avoid any irreversible changes that may threaten the Outstanding Universal Value. The most vulnerable elements of the Curonian Spit cultural landscape are the oldest wooden fishermen's houses, the wooden decor of professionally designed buildings, and the human-made protective coastal dune ridge, which is influenced by the natural coastal processes under the influence of global climate change.

Authenticity

The Curonian Spit showcases high landscape values. It is an example of a special landform subjected to human intervention and natural phenomena such as climatic variations. The former has been both catastrophic, as with the drastic deforestation in the 16th century, and beneficial, as demonstrated in the 19th century with the creation of artificial barriers against further incursions by the sea. The cultural, natural and human-made elements of the Curonian Spit cultural landscape illustrate the most important features of its formation through their shapes, volumes, materials, and functions. The authenticity of the landscape is reflected by the tangible and spiritual values of the different historical periods that shaped its identity.

The vitality, spirituality and special mood of the cultural landscape and its unique characteristics is further highlighted by authentic forms of local intangible heritage. These include the marine cultural heritage; traditional trades, folklore and artistic traditions; the ethnographic elements of the fishermen's lifestyles; unique methods of protective coast and dune ridge management and forest maintenance; sustainable recreational activities and a cultural leisure tradition dating back to the 19th century.

Protection and management requirements

The Curonian Spit is situated in the Curonian Spit National Park in Lithuania and the Kurshskaya National Park of the Russian Federation. The status of these National Parks guarantees the protection of the cultural landscape. Both National Parks have the common goal of preserving the natural and cultural attributes that express the Outstanding Universal Value of the property. A very important prerequisite for the protection of the Outstanding Universal Value is state land ownership by the National Parks.

The governments of both states are responsible for the conservation of the Curonian Spit: in the Republic of Lithuania through the Ministry of Environment and authorised agencies, and in the Russian Federation through the Ministry of Natural Resources and Environment. The protection of immovable cultural heritage is the responsibility of the cultural Heritage Department under the Ministry of Culture of the Republic of Lithuania and the State Service for Protection of cultural Heritage of the Kaliningrad region of the Russian Federation. The Governments have created the National Parks authorities, who play a key role in the conservation of the property, forest and coastal management.

The territory of the Curonian Spit is administered by Neringa and Klaipėda City municipalities of the Republic of Lithuania and by the Federal State corporation National Park *Kurshskaja kosa*, along with the municipal unit of *Kurshskaja kosa* of the Zelenogradsk area of the Kaliningrad region of the Russian Federation. The local authorities in the Republic of Lithuania determine the main trends of socio-economic development, manage and plan settlements, and generally take care of the protection and management of the territory by implementing territorial planning documents in the Lithuanian part of the Curonian Spit. The local community is directly involved in the conservation of the property's tangible heritage and also carries the region's intangible heritage.

For the effective management and protection of the property's Outstanding Universal Value, closer collaboration of all institutions and stakeholders is needed within and between States.

In the Republic of Lithuania, any activity posing a threat to the Outstanding Universal Value of the Curonian Spit is prohibited by the Law on Protected Areas (2001), and Protection Regulation of the Curonian Spit National Park (2002). In the Russian Federation, the relevant laws are the Federal Law of Specially Protected Nature Territories of the Russian Federation (1995) and the Law on Federal State Enterprise (FSBA, 2012), implemented through territorial planning documents.

Different attributes of the property require different protection regimes and management activities. Therefore, different zones have been established in the National Parks for various specific purposes, such as strict reserves, reserves, recreational, residential and other zones. All these measures are outlined in the territorial planning documents.

The main territorial planning documents in the Republic of Lithuania are the Special Management Plan of the Curonian Spit (a territorial planning document adopted by the government in 2012), and the National Park Borders Plan (adopted by Parliament in 2010). Klaipėda's municipal General Plan has been in place since 2007, while Neringa's General Plan was adopted by the municipality in 2012.

The preparation of a single territorial planning document for the management of the area, aiming to ensure the preservation of the property's Outstanding Universal Value in Lithuania is foreseen. The main territorial planning document in the Russian Federation is the Development Plan for the National Park Kurshskaja Kosa for 2009-2013.

The coordination of actions between the States is necessary to protect the Outstanding Universal Value of the property. Once finalised and agreed upon, an integrated Curonian Spit Management Plan covering the whole

property will be implemented in order to ensure the conservation of the Outstanding Universal Value, to improve cooperation between all institutions in both States, and to reach joint agreements on future activities. The preparation of this Management Plan is an essential step in the appropriate management of the property and particular attention should be paid to including a Tourism Management Plan and addressing the other major pressures potentially affecting the property. The implementation of territorial planning documents and the safeguarding of the implementation of existing legislation are high priorities.

State Party: Property	Lithuania: Kernavė Archaeological Site (Cultural Reserve of Kernavė)
Id. N°	1137
Date of inscription	2004

Brief synthesis

Kernavė Archaeological Site, situated in the valley of the River Neris in eastern Lithuania, provides evidence of human settlements spanning some 10 millennia. Covering an area of 194.4 hectares, the property contains archaeological evidence of ancient land use from the late Palaeolithic Period to the Middle Ages. It comprises a complex ensemble of archaeological elements, including the town of Kernavė, a unique complex of impressive hill forts, unfortified settlements, burial sites and other archaeological, historical and cultural monuments.

The property contains an extraordinarily rich concentration of archaeological evidence, encompassing natural processes of glacial retreat within a long and continuous period of human occupation and activity. The earliest evidence of human occupation between the 9th and 8th millennia B.C., and subsequent permanent inhabitation until the Late Middle Ages, can be found in several cultural layers and burial sites. The spectacular complex of five hill forts dates back to the 13th century, when Kernavė was an important feudal town of craftsmen and merchants who required the protection of such a complex defence system. The town of Kernavė was destroyed by the Teutonic Order in the late 14th century, but the site continued to be used until modern times.

Criterion (iii): The archaeological site of Kernavė presents an exceptional testimony to the evolution of human settlements in the Baltic region over the period of some ten millennia. The property has exceptional evidence of pantheistic and Christian funeral traditions.

Criterion (iv): The settlement patterns and the impressive hill-forts represent outstanding examples of the development of such types of structures and the history of their use in the pre-Christian era.

Integrity

Kernavė Archaeological Site (Cultural Reserve of Kernavė) encompasses complex archaeological and historical sites and providing evidence of many settlement stages. The property incorporates all elements that demonstrate the 11,000 years of continuous human use that underpins its Outstanding Universal Value. There are 15 archaeological and 3 historical monuments in the territory of the Cultural Reserve of Kernavė, including the ancient settlements of Kernavė; Kernavė cemetery; the complex of 5 mounds and ancient settlements of the old town of Kernavė and numerous other monuments up to the 20th century. All the archaeological research material (movable cultural property) is stored and displayed in the Archaeological Site Museum of Kernavė.

The Management Plan includes a buffer zone comprising an additional 2455.2 ha, divided into two subsections which make provisions for the physical and visual protection of the property and aim to isolate the Cultural Reserve and associated elements from any negative impacts of activities outside of the Cultural Reserve. Prior to the establishment of the Cultural Reserve in 1989, the lower terrace was used for economic activities such as land cultivation, small-scale developments, pasturages for cattle and traffic). These activities are now prohibited and the remaining settlement is maintained in accordance with the restrictions of heritage protection.

Authenticity

Kernavė Archaeological Site has a high degree of authenticity with regard to its location, its individual elements and the rich archaeological evidence found within the property. The prehistoric and medieval cultural elements of the Kernavė Archaeological Site remain intact because most of the area was abandoned at the end of the 14th century, with later settlements established to the north.

This resulted in the natural preservation of the authenticity of the cultural elements, materials and landscape of the Kernavė Archaeological Site. The systematic and extensive archaeological investigations carried out on site since 1979 have significantly added to knowledge about the property, and provide exemplary scientific evidence of its unique qualities as a site of continuous human adaptation and use since the prehistoric times. The associated excavated materials and movable cultural heritage objects are kept in the archaeological museum, further presenting the authenticity of both Kernavė's movable and immovable heritage.

Potential impacts on the property's authenticity may arise from the increase of cultural tourism in the region.

Archaeological research performed from 1979 examined only about 2% of the territory of the Cultural Reserve of Kernavė and had no negative impact on the authenticity of the monuments. In accordance with the methods on protection and management of immovable valuables, various preventive actions were taken since 1985 at the archaeological site.

Protection and management requirements

Kernavė Archaeological Site (Cultural Reserve of Kernavė) – hereinafter: the Cultural Reserve – was established as a protected territory, with the highest protection status under a decree of the Seimas (Parliament) of the Republic of Lithuania. There are 15 archaeological and 3 historical monuments in the territory of the Cultural Reserve of Kernavė that are included in the Register of Cultural Property of Lithuania. The entire Cultural Reserve is in the exclusive ownership of the State, which is managed and used by the Administration of the State Cultural Reserve of Kernavė (hereinafter: – the Administration) under trust. Business activities are prohibited within the territory, except for works related to scientific research or adaptation of the site for visiting purposes. The activities within the Cultural Reserve are regulated by a range of legal acts that make provision for heritage protection. These include the Republic of Lithuania Law on Protected Territories, Law on Immovable Cultural Heritage Protection, the Laws on the Land, on Construction, on Territory Planning, and the Cultural Reserve Statute approved by the Government of the Republic of Lithuania.

The Administration is a State Cultural institution financed from the State budget, and administered by the Ministry of Culture of the Republic of Lithuania. It is responsible for the protection of the Cultural Reserve and the maintenance of the Outstanding Universal Value of the World Heritage property. The Administration organises activities and implements its goals in accordance with the Statute approved by the Minister of Culture. The Head of the Administration (Site Manager) is advised by an Advisory Council appointed by the Minister of Culture, and benefits from their input on matters including the protection and maintenance of the Cultural Reserve, scientific and archaeological research programmes, the development of visitor infrastructure and the activities within the Cultural Reserve and its buffer zone.

The Cultural Reserve buffer zone and its territory were approved by resolution of the Seimas (Parliament) of the Republic of Lithuania. The buffer zone was established in order to shield the cultural values of the Cultural Reserve from the physical, visual or social impacts and assure the general ecological balance. In 2005, the Minister of Culture approved an individual protection regulation for the Cultural Reserve buffer zone, which established the requirements for natural and legal entities engaged in business activities and construction. The regulations make provision for the Administration, in cooperation with the State and municipality institutions that administer the territories, to coordinate and control the implementation of all projects that take place in the buffer zone of the Cultural Reserve. In 2009, a Special Plan of the Cultural Reserve was approved by the Government of the Republic of Lithuania. This strategic document outlines the management and long-term maintenance measures for the Archaeological Site of Kernavė to safeguard the Outstanding Universal Value of the World Heritage property.

In 2011, the Cultural Reserve has been given "enhanced protection" status which is one of the features of the 1999 Second Protocol to the Hague Convention of 1954 for the Protection of Cultural Property in the Event of Armed Conflict.

State Party: Property	Malta: City of Valletta
Id. N°	131
Date of inscription	1980

Brief synthesis

Malta's capital Valletta is a fortified city located on a hilly peninsula between two of the finest natural harbours in the Mediterranean. The Siege of Malta in 1565 captured the European imagination and mobilised the resources needed to create the new city of Valletta, founded soon after, in 1566. The Knights of St John, aided by the most respected European military engineers of the 16th century, conceived and planned the city as a single, holistic creation of the late Renaissance, with a uniform grid plan within fortified and bastioned city walls. Since its creation, the city has witnessed a number of rebuilding projects, yet those have not compromised the harmony between the dramatic topography and the Hippodamian grid. The fabric of the city includes a compact ensemble of 320 monuments that encapsulate every aspect of the civil, religious, artistic and military functions of its illustrious founders. These include the 16th century buildings relating to the founding of the Renaissance city, such as the cathedral of St. John, the Palace of the Grand Master, the Auberge de Castile et Léon, the Auberge de Provence, the Auberge d'Italie, the Auberge d'Aragon and the Infirmary of the Order and the churches of Our Lady of Victory, St. Catherine and il Gesù, as well as the improvements attributed to the military engineers and

architects of the 18th century such as the Auberge de Bavière, the Church of the Shipwreck of St. Paul, the Library and the Manoel Theatre.

Criterion (i): The city is pre-eminently an ideal creation of the late Renaissance with its uniform urban plan, inspired by neo-platonic principles, its fortified and bastioned walls modelled around the natural site and the voluntary implantation of great monuments in well-chosen locations.

Criterion (vi): The city is irrevocably affiliated with the history of the military and charitable Order of the Knights of St. John of Jerusalem, which founded the city in 1566 and maintained it throughout two and a half centuries. Valletta is thus associated with the history of one of the greatest military and moral forces of modern Europe.

Integrity

The city is built on a narrow peninsula surrounded by water. As a result, the perimeter of the city has remained largely unchanged since the departure of the Knights of St John, unencumbered by more recent development. It is of sufficient size and includes all elements necessary to express its Outstanding Universal Value. In spite of some rebuilding projects during the 19th century and severe damage during World War II, a high proportion of the original monuments and the surrounding urban fabric has been preserved intact or carefully restored. The massing and materials used during these later interventions have blended homogenously with the earlier fabric, simultaneously respecting the original urban form. However, the Outstanding Universal Value of the property is vulnerable to impacts on its setting, form and fabric, deriving from the demands of a living city.

Authenticity

Despite the succession of eventful interludes that Valletta has witnessed since the departure of the Knights, resulting in frequent changes of use of many of the buildings they left behind, Valletta has remained the administrative and commercial epicentre of the island and is today Malta's capital. The property essentially retains its skyline and form from the 16th century, reflecting the natural topography of the peninsula; however, this is vulnerable to development pressures resulting in the increase of building heights, which is not always consistent with the city's historic profile. The original grid of the street plan has been respected and the most important public squares have been retained, although some key monuments were lost to 19th and 20th century re-development. Rebuilding and restoration necessitated by later war damage has respected the materials and proportions of the historic city. The property retains its authenticity in terms of form and design, materials, function, location and setting.

Protection and management requirements

Two laws governing heritage issues were enacted in the 1990s. The first was the *Environment Protection Act* (No V of 1991), the second *The Environment and Planning Development Act* (No 1 of 1992), which aims to regulate and establish modern planning procedures. The latter established critical principles of scheduling and grading of historic buildings, and introduced the concepts of urban conservation areas and protective zoning. Although these policies relate to the whole of Malta and Gozo, they have particular relevance to Valletta. The Grand Harbour Local Plan (realised by the Malta Environment and Planning Authority), in force since 2002, contains policies that specifically protect the World Heritage property.

The Cultural Heritage Act (No VI of 2002, am. 2005) paved the way for the formation of three entities, namely the Superintendence of Cultural Heritage, Heritage Malta and the Malta Centre for Restoration (which was merged with Heritage Malta in 2005). The Act also provides for the creation of Religious Cultural Heritage Commissions, which have the same powers and responsibilities as the Superintendent of Cultural Heritage. However, the latter has no jurisdiction over Church property. From 1995, the most significant buildings, monuments and features of Valletta were afforded statutory protection individually and collectively by means of a scheduling scheme. In addition, the Maltese Government has established a number of national entities to ensure that its aims of conservation and rehabilitation of Valletta are achieved.

Valletta is a living city. It is the nerve centre of the Maltese political, administrative and business sphere as well as a major tourist attraction. The day-to-day demands of a modern community exert heavy demands on the institutional bodies entrusted with safeguarding, conserving and enhancing national monuments which are in daily use. Equally heavy and persistent demands are made on the housing and business premises of the city. To sustain the Outstanding Universal Value of the property, a draft Management Plan for the city was prepared in 2012 and the consultation with stakeholders is ongoing. The adequate implementation of the Management Plan will require collaboration among key entities on large-scale developments within the walled city, as well as clear policies on height controls to protect the city's skyline and streetscapes, on the extent of the control area for building heights and on view sheds outside the walled city.

State Party: Property	Malta: Hal Saflieni Hypogeum
Id. N°	130

Date of inscription	1980
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Brief synthesis

The Hal Saflieni Hypogeum (underground cemetery) was discovered in 1902 on a hill overlooking the innermost part of the Grand Harbour of Valletta, in the town of Paola. It is a unique prehistoric monument, which seems to have been conceived as an underground cemetery, originally containing the remains of about 7,000 individuals. The cemetery was in use throughout the Żebbuġ, Ġgantija and Tarxien Phases of Maltese Prehistory, spanning from around 4000 B.C. to 2500 B.C.

Originally, one entered the Hal Saflieni Hypogeum through a structure at ground level. Only a few blocks of this entrance building have been discovered, and its form and dimensions remain uncertain. The plan of the Hypogeum itself is a series of three superimposed levels of chambers cut into soft globigerina limestone, using only chert, flint and obsidian tools and antlers. The earliest of the three levels is the uppermost, scooped out of the brow of a hill. A number of openings and chambers for the burial of the dead were then cut into the sides of the cavity.

The two lower levels were also hewn entirely out of the natural rock. Some natural daylight reached the middle level through a small opening from the upper level, but artificial lighting must have been used to navigate through some of the middle level chambers and the lowest level, which is 10.60 m below the present ground level.

One of the most striking characteristics of the Hal Saflieni Hypogeum is that some of the chambers appear to have been cut in imitation of the architecture of the contemporary, above-ground megalithic temples. Features include false bays, inspired by trilithon doorways, and windows. Most importantly, some of the chambers have ceilings with one ring of carved stone overhanging the one below to imitate a roof of corbelled masonry. This form echoes the way in which some of the masonry walls of the contemporary above-ground temple chambers are corbelled inwards, suggesting that they too were originally roofed over.

Some of the walls and ceilings of the chambers were decorated with spiral and honey-comb designs in red ochre, a mineral pigment. These decorations are the only prehistoric wall paintings found on the Maltese Islands. In one of these decorated chambers, there is a small niche which echoes when someone speaks into it. While this effect may not have been created intentionally, it may well have been exploited as part of the rituals that took place within the chambers.

Excavation of the Hal Saflieni Hypogeum produced a wealth of archaeological material, including numerous human bones, which suggests that the burial ritual had more than one stage. It appears that bodies were probably left exposed until the flesh had decomposed and fallen off. The remaining bones and what appear to be some of the personal belongings were then gathered and buried within the chambers together with copious amounts of red ochre. The use of ochre seems to have been a part of the ritual, perhaps to infuse the bones with the colour of blood and life. Individuals were not buried separately, but piled onto each other.

Artefacts recovered from the site include pottery vessels decorated in intricate designs, shell buttons, stone and clay beads and amulets, as well as little stone carved animals and birds that may have originally been worn as pendants. The most striking finds are stone and clay figurines depicting human figures. The most impressive of these figures is that showing a woman lying on a bed or 'couch', popularly known as the 'Sleeping Lady'. This figure is a work of art in itself, demonstrating a keen eye for detail.

Criterion (iii): The Hal Saflieni Hypogeum is a unique monument of exceptional value. It is the only known European example of a subterranean 'labyrinth' from about 4,000 B.C. to 2,500 B.C. The quality of its architecture and its remarkable state of preservation make it an essential prehistoric monument.

Integrity

The Hal Saflieni Hypogeum is one of the best preserved and most extensive environments that have survived from the Neolithic. With the exception of the fragmentary remains of the above-ground entrance, all the key attributes of the property, including the architectural details and painted wall decorations, have remained intact within the boundaries.

The main threats to the preservation of the Hal Saflieni Hypogeum are the fluctuating temperature and relative humidity levels within the site, as well as water infiltration and biological infestations.

Authenticity

The Hal Saflieni Hypogeum is one of the two most important prehistoric burial sites in the Maltese islands and is very well preserved, unlike the fragmentary remains that usually survive from the above-ground structures of this period.

The unusual preservation of the rock-cut chambers allows the study of a system of interconnecting spaces very much as they were conceived and experienced by a Neolithic mind. The imitation of the interior of a megalithic temple built above ground not only provides evidence on the corbelling system that was used to roof the temples, but is also important in terms of the development of human processes of cognition and representation.

The Hal Saflieni Hypogeum has also yielded several important artefacts of great artistic significance. Foremost amongst these is the so-called 'Sleeping Lady', a miniature ceramic figurine that is widely held to be one of the great masterpieces of prehistoric anthropomorphic representation.

Protection and management requirements

The principal legal instrument for the protection of cultural heritage resources in Malta is the Cultural Heritage Act (2002), which provides for and regulates national bodies for the protection and management of cultural heritage resources. Building development and land use is regulated by the Environment and Development Planning Act (2010 and subsequent amendments), which provides for and regulates the Malta Environment and Planning Authority. The Hal Saflieni Hypogeum is protected by a buffer zone, and both the Hal Saflieni Hypogeum and its buffer zone are formally designated by the Malta Environment and Planning Authority as a Grade A archaeological site, which means they are subject to wide-ranging restrictions of building development.

A programme of monitoring and research, launched in order to understand the microclimate of the Hypogeum, was followed by a project for the conservation of the property, designed and implemented in the 1990s. Houses directly above the site were acquired and dismantled; light levels within the property are strictly controlled; and visitor numbers limited. These measures have helped to maintain stable temperature and humidity levels, which continue to be monitored closely.

State Party: Property	Malta: Megalithic Temples of Malta
Id. N°	132bis
Date of inscription	1980

Brief synthesis

The Megalithic Temples of Malta (Ġgantija, Haġar Qim, Mnajdra, Skorba, Ta' Haġrat and Tarxien) are prehistoric monumental buildings constructed during the 4th millennium BC and the 3rd millennium BC. They rank amongst the earliest free-standing stone buildings in the world and are remarkable for their diversity of form and decoration. Each complex is a unique architectural masterpiece and a witness to an exceptional prehistoric culture renowned for its remarkable architectural, artistic and technological achievements.

Each monument is different in plan, articulation and construction technique. They are usually approached from an elliptical forecourt in front of a concave façade. The façade and internal walls consist of upright stone slabs, known as orthostats, surmounted by horizontal blocks. The surviving horizontal masonry courses indicate that the monuments had corbelled roofs, probably capped by horizontal beams. This method of construction was a remarkably sophisticated solution for its time. The external walls are usually constructed in larger blocks set alternately face out and edge out, tying the wall securely into the rest of the building. The space between the external wall and the walls of the inner chambers is filled with stones and earth, binding the whole structure together.

Typically, the entrance to the building is found in the centre of the façade, leading through a monumental passageway onto a paved court. The interiors of the buildings are formed of semi-circular chambers usually referred to as apses, symmetrically arranged on either side of the main axis. The number of apses varies from building to building; some have three apses opening off the central court, whilst others have successive courts with four, five, and in one case even six apses.

The temple builders used locally available stone of which they had a thorough knowledge. They used hard coralline limestone for external walls and the softer globigerina limestone for the more sheltered interiors and decorated elements.

Decorated features found within the buildings bear witness to a high level of craftsmanship. These elements consist mainly of panels decorated with drilled holes and bas-relief panels depicting spiral motifs, trees, plants and various animals. The form and layout of these buildings, as well as the artefacts found within them, suggest they were an important ritual focus of a highly organized society.

Criterion (iv): The Megalithic Temples of Malta are remarkable not only because of their originality, complexity and striking massive proportions, but also because of the considerable technical skill required in their construction.

Integrity

All six components of the property are in a reasonably good state of conservation, although the Tarxien complex is less well preserved than the others. All their key attributes are within the boundaries of the property. Surviving vestiges attest to the techniques used in the building of these complex structures, and the knowledge and skill of

the people who built them. However, the structures are vulnerable to both material and structural deterioration, so research continues to be conducted to identify preservation strategies for the buildings.

Authenticity

The six components of the property have a high level of authenticity. They consist of well-preserved remains of megalithic temples, with evidence of different phases of construction in Antiquity. The components have been recorded in travel accounts since Early Modern times, while photographic records of some components go back to the early 1900s. Various restoration interventions have been carried out on five of the six components since their excavation. These included moving decorated blocks indoors to protect them from weathering, and capping the surviving blocks with cement. Current conservation interventions are guided by international standards, guidelines and charters.

Protection and management requirements

All six temples are subject to the main legal instrument for the protection of cultural heritage resources in Malta, the Cultural Heritage Act (2002). This Act provides for and regulates national bodies for the protection and management of cultural heritage resources.

Building development and land use are regulated by the Environment and Development Planning Act (2010 and subsequent amendments), which provides for and regulates the Malta Environment and Planning Authority. Since land use is a highly contested issue in the Maltese islands, the safeguarding of the Megalithic Temples and their buffer zone through the careful regulation of building development is therefore an issue of fundamental concern.

Each temple is protected by a buffer zone. The components and their buffer zones are formally scheduled by the Malta Environment and Planning Authority as Grade A archaeological sites, which means they are subject to wide-ranging restrictions of building development. The application of these restrictions varies according to the local context. An important challenge is to establish more rigorous control aimed at mitigating visual impact caused by building development in the vicinity of the buffer zones.

A Management Plan has been drawn up for the inscribed property, which covers each temple and its buffer zone.

The physical conservation of the Megalithic Temples is an area of concern and is the subject of the 2006-2011 Conservation Plan, which established the general principles. The sites were excavated during the course of the nineteenth and twentieth centuries, leaving them exposed to erosion by natural and human causes. Protective shelters are presently the most prudent and effective means available to slow down the deterioration processes that are eroding the monuments. Lightweight, removable protective covers have been implemented as an interim strategy to prolong the life of these buildings, while research continues to identify alternative long-term preservation strategies.

State Party: Property	Montenegro: Natural and Culturo-Historical Region of Kotor
Id. N°	125
Date of inscription	1979

Brief synthesis

The Natural and Culturo-Historical Region of Kotor is located in the Boka Kotorska Bay, on the Adriatic coast of Montenegro. The property encompasses the best preserved part of the bay covering its inner south-eastern portion. The inscribed property comprises 12,000 ha with a landscape composed of two interrelated bays surrounded by mountains rising rapidly to nearly 1,500 metres. The property is linked to the rest of the Boka Kotorska Bay through a narrow channel forming the principal visual central axis of the area.

The Outstanding Universal Value of the Culturo-Historical Region of Kotor is embodied in the quality of the architecture in its fortified and open cities, settlements, palaces and monastic ensembles, and their harmonious integration to the cultivated terraced landscape on the slopes of high rocky hills. The Natural and Culturo-Historical Region of Kotor bears unique testimony to the exceptionally important role that it played over centuries in the spreading of Mediterranean cultures into the Balkans.

Criterion (i): It is the gathering on the gulf coast of the monuments of the cities, their harmony with the landscape, and their insertion in town planning of great value that contributes to the Outstanding Universal Value of the property.

Criterion (ii): As the main bridge-heads of Venice on the South coast of the Adriatic, the aristocratic cities of captains and ship-owners of Kotor and its neighbours were the heart of the region's creative movement for many centuries. Its art, goldsmith and architecture schools had a profound and durable influence on the arts of the Adriatic coast.

Criterion (iii): The successful harmonization of these cities with the Gulf, their quantity, quality and diversity of the monuments and cultural properties, and especially the exceptional authenticity of their conservation, mean that the property can effectively be considered as unique.

Criterion (iv): Kotor and Perast are highly characteristic and authentically preserved small cities enhanced by architecture of great quality. Their town-planning is well adapted to and integrated in the landscape. .

Integrity

The property maintains the overall integrity of the historical layout of the land and seascape with its cities and settlements of distinctive town planning that developed along the coast of the bay, separated by green and cultivated areas framed by steep rocky hills, and a narrow area of urbanized coast connected by the sea. The network of paths and roads connecting coastal settlements with each other and with the inland, and the coastline with *pontas* and *mandrachi*, is preserved, which testifies to the important role of the sea.

However, the conditions of integrity are endangered by development and urbanisation caused by ongoing transformation processes in the socio-economic structure of the area. Current developments, including new tourism centres, roads, and buildings on the coast itself, threaten to lead to the gradual yet irreversible transformation of the coastline as well as the abandonment of the traditional terraced structures.

Management of the property and its defined buffer zone will be crucial to maintain the property and its integrity as a unique cultural landscape and an entity in geographical, historical, and cultural terms. Enforcement of regulatory measures for the buffer zone and the development of an integrated approach to conservation, planning and management of the area as a unity will also be required.

Authenticity

Although seriously damaged by the 1979 earthquake, the principal monuments and historic urban areas have been carefully restored and reconstructed under the auspices of UNESCO, and have retained their architectural, urban, and historical authenticity.

However, the ability of the overall landscape to reflect its value is being compromised by the gradual erosion of traditional practices and ways of life and of the harmony between the buildings, planning and landscape.

Protection and management requirements

At the time of the inscription, immediately following the 1979 earthquake, the protection, reconstruction, and management of the cultural monuments and historic urban areas of Boka Kotorska Bay were guaranteed by the Montenegrin Republic Institute for the Protection of Cultural Monuments. After the 1979 earthquake, the management of the whole region was carried out within the Southern Adriatic Development Plan, which was developed with the help of the United Nations Development Programme (UNDP). The programs included the preservation, presentation and rehabilitation of cultural monuments in the old towns and settlements. At the same time, industrial facilities (4 factories) that conflicted with the character of the property were cleared.

In 1980, the Municipal Institute for Protection of Cultural Heritage was established with its seat in the Old Town of Kotor, for the purpose of management and conservation of the property. In 1992, it was transformed into the Regional Institute for the entire area of the bay including the municipalities of Kotor, Tivat and Herceg Novi.

Since the end of 2011, conservation work, field studies and preparation of conservation guidelines for the municipalities of Kotor, Tivat, Herceg Novi and Budva have been undertaken by the Directorate for Protection of Cultural Heritage of Montenegro and the Centre for Conservation and Archaeology of Montenegro through their local offices in Kotor. The post-earthquake reconstruction has been completed, and the conservation and management of the monuments and historic centres of Kotor and Perast are carried out with high professional competence.

The need to prevent excessive and uncontrolled urbanization led to the development of the Management Plan of the protected area, which was adopted by the Montenegrin Government in 2011.

At the same time, a new legal framework for the area of cultural heritage conservation was created with the Law on Protection of Cultural Properties (2010), which prescribed integrated protection of the property and its buffer zone. The Law on Protection of the Natural and Culturo-Historic Region of Kotor (2013) makes provisions for the establishment of the Council for Management of the Kotor Region, with the role of coordinating conservation, preservation and management of the property. In addition, with the buffer zone defined in 2011 encompassing the entire area of the Boka Kotorska Bay, the groundwork has been laid to treat this cultural landscape in an integrated manner through spatial and development plans.

However, increased awareness to treat the inscribed property and the buffer zone as an integral part of the unique cultural landscape of the Boka Kotorska Bay is needed. Challenges remain for the further definition of common development strategies for the property and its buffer zone, for integrated planning and for the establishment of an overall management system. These measures will be essential to ensure that uncontrolled and excessive urbanization, as well as infrastructure development, are adequately addressed to ensure that no adverse impacts to the Outstanding Universal Value of the property occur. Adequate and sufficient resources of the entities

responsible for the property will also need to be secured to be able to carry out preservation, protection and enhancement of the property.

State Party: Property	Netherlands: Historic Area of Willemstad, Inner City and Harbour, Curaçao
Id. N°	819
Date of inscription	1997

Brief synthesis

The Historic Area of Willemstad is an example of a colonial trading and administrative settlement. It was established by the Dutch on the island of Curaçao, situated in the southern Caribbean, near the tip of South America. Starting with the construction of Fort Amsterdam in 1634 on the eastern bank of Sint Anna Bay, the town developed continuously over the following centuries.

The modern town, the capital of the island nation of Curaçao, consists of several distinct historic districts, reflecting different eras of colonial town planning and development. Punda, the oldest part of the city, was built in the 17th century on the eastern side of Sint Anna Bay, adjacent to Fort Amsterdam and is the only part of the city that had a defence system consisting of walls and ramparts. The other three historic urban districts (Pietermaai, Otrobanda and Scharloo) date from the 18th century. Water Fort and Rif Fort, also included in the inscribed property, were built in the late 1820s as part of a more extensive series of fortifications. In the midst of the historic area is a natural deep-water harbour. The entire property encompasses 86 ha and is surrounded by a 87 ha buffer zone.

The architecture of Willemstad has been influenced not only by Dutch colonial concepts but also by the tropical climate and architectural styles from towns throughout the Caribbean region, with which the settlement engaged in trade. Early residences constructed in Punda followed Dutch urban design. In the 18th century, local materials and craftsmanship as well as new architectural elements, such as galleries, began to appear. As the city expanded beyond Punda, the architectural style of the residences evolved. For example, the development of Otrobanda was not restricted by ramparts and houses were built on spacious lots and resembled plantation houses surrounded by galleries. Moreover, the social and cultural differences from Afro-American, Iberian and Caribbean inhabitants have contributed to enriching the building traditions as well as the city's cultural life. The result is a European architectural style with regional adaptations in a rich array of Caribbean colours. The colourful buildings of Willemstad are a local tradition dating from 1817, when the previous style of white lime finish on a building exterior was prohibited, apparently to protect eyesight from the glare. Predominant colours are red, blue, yellow ochre and various shades of green.

Willemstad is an exceptionally well preserved example of a Dutch colonial trading settlement. Due to the interchange of cultures, it shares a common cultural history with other counterpart cities in the Caribbean region, which is a very particular aspect of the property. The unique setting in a natural harbour qualifies the Historic Area of Willemstad as a rare example of a historic port town laid out in a setting of natural waters.

Criterion (ii): The Historic Area of Willemstad is a colonial ensemble in the Caribbean, which illustrates the organic growth of a multicultural community over three centuries. It also represents a remarkable historic port town in the Caribbean in the period of Dutch expansion with significant town planning and architectural qualities.

Criterion (iv): The four historic urban districts of Historic Willemstad show the subsequent stages of historical development over the course of centuries of the city. The city can be easily read and used as a textbook for its historical and cultural development.

Criterion (v): The historical urban fabric and the historical architecture are based on examples of European traditions that are transferred to the New World. Influences of the Americas and Africa and cultural elements of the region transformed the European elements into a typical Caribbean development.

Integrity

The Historic Area of Willemstad has retained its integrity through the survival of the historic urban structure of the period 1650-1800. The inclusion of several distinct historic districts surrounding an active harbour, which continues to serve as the gateway to the city, reflects its evolution over more than three centuries. Much of the property's street pattern and urban structure, such as the narrow alleys of Punda and Otrobanda, are relatively intact.

The city has not been without change and damage to its historic areas. Development linked to the oil industry had an impact on the historic area beginning with the arrival of the Shell oil refinery in the early 20th century. The construction of a highway (1960s) and of access roads for the Queen Juliana Bridge (1974) cut through the

historic districts of Otrobanda and Scharloo. Additionally, fires in Punda and Otrobanda caused damage to the historic infrastructure.

Threats to the historic area exist in part due to the loss of historic buildings, resulting from lack of maintenance by the owners and environmental damage from salt water and climate. Additionally, there is development pressure related to the tourism industry, the impact of which can be seen in the hotel construction in Punda and along the waterfront as well as the redevelopment of Water Fort.

Starting in the early 1990s, new preservation organisations were created and new procedures implemented, to which new developments in the historic area must comply. Several developments projects were also executed in an organic way. Next to private developments as in Kura Hulanda and Pietermaai, the government and governmental entities took a leading role in inner city regeneration in the historic quarters of Otrobanda (Stegengebied, Koralengebied), and more recently in the historic quarters of Scharloo and Fleur de Marie.

Authenticity

The urban fabric and the historic townscape remain relatively unchanged and the various zones in the inner city are still recognizable. Sint Anna Bay continues to operate as an active working harbour. Fort Amsterdam retains an administrative function and is the location of the Governor's residence, the Ministry, several government offices, as well as the United Protestant Church. The urban plan of Punda has been largely retained, including its alleys and original street names. Archaeological works undertaken in this district in 1990 provided information on this oldest part of Willemstad.

With regards to the city's architecture, many of the monuments are authentic in design, materials and craftsmanship, and are protected as historic monuments. The tradition of colourful building exteriors continues with an array of red, blue, yellow ochre, and green. There is also a distinctive Curaçao Baroque style of architecture, predominantly found on the larger lots of Otrobanda and Scharloo. A common feature of this style is the curved Dutch gable of which the Penha Building (1708) is the best known example. New development is incorporated into existing buildings.

Poor infill development, fragmented urban fabric, along with restorations prior to the introduction of regulations have had an impact on the authenticity of several historic buildings. Currently, the rules and regulations regarding the replacement of imported materials in restoration and conservation projects are strictly observed.

Protection and management requirements

On 10th October, 2010, the island of Curaçao became a separate country within the Kingdom of the Netherlands, which brought along a drastic transformation of the governmental structure and the level of the responsible government entities. Because of this transformation process, it has been difficult to install a management organization and the work on the management plan has been put on hold.

The political situation did not affect the care for the World Heritage property. A transitional act has ensured that all laws and regulations that previously applied to the Netherlands Antilles and the island of Curaçao are now legally valid in the new country of Curaçao. Obsolete regulations and plans will subsequently be updated. Within the new government structure, the Ministry of Traffic, Transportation and Urban Planning is responsible for the management of the World Heritage property.

Private ownership covers a large majority of the buildings and properties within the historic area (approximately 90%). Fort Amsterdam is owned by the national government and a number of monuments in Scharloo-Oost are owned by the government or related institutions.

An interlocking system of laws and ordinances constitutes a formal policy for protecting individual properties, groups of buildings and the townscape as a whole. These laws and regulations include: the Island Wide Development Plan (zoning plan), which protects the property as a townscape, and the Monuments Ordinance (*Monumenten Eilandsverordening, for objects on land and under water*), providing protection to the individual monuments within the site. Additional protection is provided through the National Ordinance Maritime Management (*Landsverordening Maritiem Beheer*), the Malta Convention, the Building Ordinance, and the Island Ordinance on Spatial Development Planning (*Eilandsverordening Ruimtelijke Ontwikkelingsplanning Curaçao (EROC)*).

There is also a structured system of official bodies involved in the protection and conservation of the historic area. Within the Department of Urban Planning, Development and Housing, the Monuments Office is fully responsible for protection and conservation of monuments, including the historic townscape. New developments and development of the urban space are under the responsibility of the Programs and Projects division. Financing is provided through the long-range programme contribution regulation for the preservation of monuments and historic buildings (*Meerjarenprogramma Bijdrageregeling monumentenzorg*), the Social-economic Initiative (*Sociaal Economisch Initiatief*), and other initiatives.

State Party: Property	Norway: Vegaøyan — The Vega Archipelago
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Id. N°	1143
Date of inscription	2004

Brief synthesis

The Vega Archipelago is a shallow-water area just south of the Arctic Circle, on the west coast of Norway – an open seascape and coastal landscape made up of a myriad of islands, islets and skerries. A cluster of low islands centred on the more mountainous islands of Vega and Sjøla bear testimony of how people developed a distinctive, frugal way of life centered around fishing, farming and the harvesting of eider down (the down of the eider duck) in an extremely exposed seascape. The property covers a cultural landscape of 103,710 ha, of which 6,930 ha is land.

Fishermen and hunters have lived on the islands of Vega and Sjøla, where peaks tower to nearly 800 m, for more than 10,000 years. As numerous new islands gradually rose from the sea, the characteristic landscape became shaped by the interaction between fishermen-farmers and the bountiful nature in this exposed area. The Vega Archipelago now stands as a testimony to people who have developed unique, simple ways to live in and interact with nature.

They lived as fishermen-farmers, making the tending of eider ducks the centre of their way of life. The local peoples also built shelters and nests for the wild eiders that came to the islands each spring. The birds were protected from any unnecessary disturbance throughout the breeding season. In return, the people could gather the valuable eider down when the birds left their nests with their chicks. As early as the 9th century, tending eiders was reported to be a way for people in Norway to make a living, and the Vega Archipelago was the core area for this tradition. Women played a key role in this lifestyle, and the World Heritage property of the Vega Archipelago also celebrates their contribution to the tending of eider ducks. The tradition remains alive today, albeit to a smaller extent.

The islands and islets are either in groups or isolated, spread across the 50 km broad strandflat that stretches from the mainland to the edge of the continental shelf. The outermost islands are barren and have just a thin, patchy soil cover, whereas those closer to the mainland feature a more nutrient-rich bedrock, are greener and show a farming-related biodiversity, linked to centuries of grazing and haymaking.

The rich maritime resources of the Vega Archipelago not only benefited local peoples, but also as many as 228 species of birds that can be observed in the archipelago, considered as the most important wintering area for seabirds in the Nordic region.

Criterion (v): The Vega archipelago reflects the way generations of fishermen-farmers have, over the past 1500 years, maintained a sustainable living in an inhospitable seascape near the Arctic Circle, based on the now unique practice of eider down harvesting, and it also celebrates women's contribution to the eider down process.

Integrity

The boundaries of the World Heritage property encompass 6,500 islands, islets and skerries, as well as the waters north and west of Vega and parts of that main island and its coastal strip. The rest of the island of Vega forms part of the buffer zone of the World Heritage property.

The World Heritage property showcases the diversity and interaction of the natural features and cultural heritage of the Vega Archipelago, forming a unique cultural landscape. This diversity ranges from the islets where down was gathered to the fishing settlements and traditional farming complexes with characteristic field patterns, forming a mosaic in the landscape. Most of the old buildings are intact, from dwellings to boathouses, warehouses and sheds, beacons and lights; most of them have been renovated, making the area as a whole representative of settlements on the strandflat. Within the boundaries of the property, the interaction between characteristic natural and cultural elements of the cultural landscape allow for the long-term conservation of the area's Outstanding Universal Value.

In areas where grazing and haymaking are no longer practiced and where no appropriate management strategies are in place, some of the cultural landscape is becoming overgrown or eroded. The bird life in the area is vulnerable to human disturbance in the breeding season, and the landscape may show signs of wear and tear if too many people visit the area. The large radio mast on Vega Island also has an impact on the main perspectives to and from the property.

Authenticity

The cultural landscape of the Vega Archipelago continues to be managed in a traditional manner, using time-honoured management techniques. The down tradition and the cultural landscape are taken care of by landowners and the local community in cooperation with the Vega Archipelago World Heritage Foundation and the management authorities. Bird tenders maintain the more than 1,000-year-old tradition of making houses and nests for the eiders on several of the down islets, protecting the birds through the breeding season, gathering the down and making the traditional eider downs.

Protection and management requirements

The management of the Vega Archipelago benefits from a variety of safeguarding measures. 22% of the land surface in the World Heritage property is designated for special nature protection under the Nature Diversity Act of 2009. Five nature reserves, four bird sanctuaries and one protected landscape area have been designated by Royal decrees.

All pre-Reformation (pre-1537) archaeological and historical monuments and sites are protected by the Cultural Heritage Act of 1978. In addition, special protection orders for later cultural heritage have been issued for 29 buildings at Skjærvær and for Bremstein Lighthouse.

The Municipal Plan for Vega contains a strategic part and part relating to land use, in order to monitor any development in other parts of the property and its buffer zone and to safeguard the Outstanding Universal Value of the property.

A Management plan for the property has been drawn up based on the careful documentation of ancient practices and the mapping of the existing biological diversity. Landowners, authorized users, Vega Borough Council, the County Council and national Government authorities work closely together in order to preserve the cultural landscape of the Vega Archipelago. The Vega Archipelago World Heritage Foundation was set up to promote the World Heritage and coordinate the local World Heritage effort. Representatives of management authorities, the Norwegian Nature Inspectorate, the regional museum and the local World Heritage coordinator work jointly to ensure a good follow-up of the Management Plan for the World Heritage property. The Government allocates funds annually to carry out management, dissemination, restoration and local value creation efforts in the Vega Archipelago World Heritage property.

An inventory of the duck nesting houses on the islands has been completed as part of the conservation of these unique structures.

Increasing numbers of grazing livestock and growing haymaking activities in several areas help to restore the overgrown landscape and safeguard the mosaic aspects of the landscape.

The attributes of the property that convey its values are documented and passed on to the local community and visitors by teaching children and young people through “hands-on” projects, research, guided excursions and information via the Internet, brochures and the like. A local “Society of Friends of the World Heritage Area” is helping to pass on traditional knowledge gained by experience.

Solutions are sought to minimise the visual impact of the radio mast, and challenges related to the number of visitors are followed up through the Norwegian Nature Inspectorate with targeted management of protected areas and by providing information on the values of the area. A vulnerability analysis of traffic in the area has been performed, and there is a separate strategy for tourism and a pilot project for sustainable tourism.

State Party: Property	Poland: Centennial Hall in Wrocław
Id. N°	1165
Date of inscription	2006

Brief synthesis

The Centennial Hall in Wrocław, a milestone in the history of reinforced concrete architecture, was designed by the architect Max Berg and built in 1911-1913. The hall has a symmetrical quatrefoil ground plan with a huge circular central space covered by a ribbed dome topped with a lantern. It can accommodate up to 10,000 people.

The Centennial Hall is an outstanding example of early Modernism and the innovative use of reinforced concrete structures in the building industry. At the time of its construction, it was the largest ever reinforced concrete dome in the world. It played a significant role in the creation of a new technological solution of high aesthetic value, which became an important point of reference in the design of public spaces and in the further evolution of this technology. Drawing on historical forms, the building was a pioneering design responding to emerging social needs, including an assembly hall, an auditorium for theatre performances, an exhibition space and a sports venue. The building is a significant watershed in the history of Modern architecture.

The Exhibition Grounds, whose main feature the Centennial Hall, stands at the intersection of its principal axes, constitutes an integral spatial whole. They were designed jointly by Max Berg and Hans Poelzig. On the west side of the Centennial Hall there is a monumental square modelled on the ancient forum, which is preceded by the colonnade (built in 1925) of the main entrance. To the north of the square stands the Pavilion of the Historical and Artistic Exhibition, now known as the Four Domes Pavilion, which was built in 1912-1913 according to a design by

Hans Poelzig. In the northern part of the Exhibition Grounds stands a concrete pergola enclosing a pond. It is separated from the Centennial Hall by a building housing a restaurant with an open terrace.

The design of the Exhibition Grounds combined new elements with the southern part of the 19th-century Szczytnicki Park, which was used as the setting for thematic garden exhibitions, such as the Japanese Garden, as well as for the temporary Exhibition of Cemetery Art, an extant reminder of which is an 18th-century wooden church relocated from Upper Silesia in 1912.

Criterion (i): The Centennial Hall in Wrocław is a creative and innovative example in the development of construction technology in large reinforced concrete structures. The Centennial Hall occupies a key position in the evolution of methods of reinforcement used in architecture, and represents one of the climactic points in the history of the use of metal in structural consolidation.

Criterion (ii): The Centennial Hall is a pioneering work of Modern engineering and architecture, which exhibits an important interchange of influences in the early 20th century, becoming a key reference in the later development of reinforced concrete structures.

Criterion (iv): As part of the Exhibition Grounds of Wrocław, the Centennial Hall is an outstanding example of Modern recreational architecture that served a variety of purposes, ranging from hosting conferences and exhibitions to concerts, theatre and opera.

Integrity

The Exhibition Grounds, together with the Centennial Hall, have retained their compositional integrity within the boundary of the property. As a whole, they have retained their structural integrity and views on the property. Also, the use of the grounds is compatible with the originally intended functions.

Since the time of its construction, the Hall has remained a fully complete and unique facility in terms of structure and materials used. The building has undergone a series of renovations in order to maintain its structural condition and to replace installations in accordance with obligatory safety standards for public use buildings.

The property's boundaries include the entire extant central part of the Exhibition Grounds. After the end of the Centennial Exhibition in 1913, temporary architectural features and seasonal garden plantings were removed. Some permanent structures, such as the roof of the colonnade of the main entrance and the restaurant building with its open terrace, were destroyed during Second World War.

Despite some losses, the most important features situated on the two main axes of the Exhibition Grounds survive to this day: the Centennial Hall, the Four Dome Pavilion, the colonnade of the main entrance and the pergola with its pond. The Japanese Garden and the wooden Baroque church are also extant.

In 1948, the composition of the Exhibition Grounds was supplemented with a steel spire designed by Stanisław Hempel, which was placed in the middle of the 'forum'.

All investment plans in the property and its buffer zone need to be assessed carefully to avoid adverse impacts on its Outstanding Universal Value.

Authenticity

The Centennial Hall and Exhibition Grounds within the boundaries of the inscription have retained their unique cohesive spatial layout and permanent compositional features. The Centennial Hall is a fully authentic building in terms of architectural form, specific construction technology and materials. The building is in good condition following the completion of renovation work addressing its conservation as well as functional and technical modernisation.

The structural condition of other features within the exhibition complex is varied, as is the state of preservation of their historic fabric. The property is used in accordance with its original intended functions.

Protection and management requirements

The entire property (36.69 ha) is legally protected under regulations governing the protection of monuments, which are implemented by national and local conservation services.

The system of legal protection pertaining to the property has been supplemented by the perennial efforts of the local self-government, which have led to the entire area within the buffer zone (189,68 ha) being covered by local spatial development plans protecting the property at the level of by-laws in accordance with the provisions of the spatial planning and development act.

All conservation and investment works are preceded by pertinent historical studies and research as well as environmental analyses, taking into consideration the spatial context. Each operation requires that the proposed work be approved and relevant permission be obtained from conservation services.

Responsibility for the property is shared by several legal entities with various profiles of activity, hence individual buildings and spaces are used for different functions. The main part of the Centennial Hall complex serves as an exhibition and conference centre and as a widely accessible recreational area, in keeping with its original intended purpose.

G All investment plans in the property and its buffer zone must be subordinate to the protection of the Outstanding Universal Value, and the preservation of its character and historical spatial context.

Fulfilment of this objective will be through the implementation of a Management Plan for the area inscribed on the World Heritage List. The aim of this document is to coordinate activities related to the management and monitoring of the Centennial Hall complex and its buffer zone. The plan will ensure the sustainable use and functioning of the entire complex, taking into account social, environmental and economic issues, as well as the full use of its tourism potential and the landscape values of the property and its surroundings.

State Party: Property	Poland: Historic Centre of Warsaw
Id. N°	30
Date of inscription	1980

Brief synthesis

Warsaw was deliberately annihilated in 1944 as a repression of the Polish resistance to the Nazi German occupation. The capital city was reduced to ruins with the intention of obliterating the centuries-old tradition of Polish statehood. The rebuilding of the historic city, 85% of which was destroyed, was the result of the determination of the inhabitants and the support of the whole nation. The reconstruction of the Old Town in its historic urban and architectural form was the manifestation of the care and attention taken to assure the survival of one of the most important testimonials of Polish culture. The city was rebuilt as a symbol of elective authority and tolerance, where the first democratic European constitution, the Constitution of 3 May 1791, was adopted. The reconstruction included the holistic recreation of the urban plan, together with the Old Town Market, townhouses, the circuit of the city walls, the Royal Castle, and important religious buildings.

The reconstruction of Warsaw's historic centre was a major contribution to the changes in the doctrines related to urbanisation and conservation of cities in most of the European countries after the destructions of World War II. Simultaneously, this example illustrates the effectiveness of conservation activities in the second half of the 20th century, which permitted the integral reconstruction of the complex urban ensemble.

The reconstruction of the Old Town was a coherent and consistently implemented project devised at the Warsaw Reconstruction Office in the years 1945-1951. The reconstruction project utilised any extant, undamaged structures built between the 14th and 18th centuries, together with the late-medieval network of streets, squares, and the main market square, as well as the circuit of city walls. Two guiding principles were followed: firstly, to use reliable archival documents where available, and secondly, to aim at recreating the historic city's late 18th-century appearance. The latter was dictated by the availability of detailed iconographic and documentary historical records from that period. Additionally, conservation inventories compiled before 1939 and after 1944 were used, along with the scientific knowledge and expertise of art historians, architects, and conservators. The Archive of the Warsaw Reconstruction Office, housing documentation of both the post-war damage and the reconstruction projects, was inscribed in the UNESCO Memory of the World Register in 2011.

The rebuilding of the Old Town continued until the mid-1960s. The entire process was completed with the reconstruction of the Royal Castle (opened to visitors in 1984). The reconstruction of individual buildings and their surroundings, in the adopted format of residential housing, featuring public functions dedicated to culture and science, as well as services, carried with it numerous challenges posed by the need to adapt to the social norms and demands of the time. In order to accentuate the defensive walls and the city panorama as viewed from the Vistula, the reconstruction of some buildings was deliberately foregone. The urban layout was retained, along with the division of the street frontages into historic building plots; however, the properties within these quarters were not rebuilt, thus creating communal open areas for residents. The interior layout of buildings and residential flats was revised to meet the standards in force at the time. However, both historical room plans and interior designs were recreated in many of the buildings intended for public use. A highly regarded feature was the decoration of exterior elevations carried out by a team of renowned artists, who drew in part on designs from the interwar period. Polychrome decoration was executed using traditional techniques, including sgraffito. In spite of the adaptations and the changes introduced, the site, along with the city panorama as seen from the Vistula (which has become a symbol of Warsaw), presents a cohesive picture of the oldest part of the city.

Combining extant features with those parts of the Old Town reconstructed as a result of the conservation programme led to the creation of an urban space unique in terms of its material dimension (the form of the oldest part of the city), its functional dimension (as a residential quarter and venue for important historical, social, and spiritual events), and its symbolic dimension (an invincible city).

Criterion (ii): The initiation of comprehensive conservation activities on the scale of the entire historic city was a unique European experience and contributed to the verification of conservation doctrines and practices.

Criterion (vi): The Historic Centre of Warsaw is an exceptional example of the comprehensive reconstruction of a city that had been deliberately and totally destroyed. The foundation of the material reconstruction was the inner strength and determination of the nation, which brought about the reconstruction of the heritage on a unique scale in the history of the world.

Integrity

This World Heritage property's boundaries encompass an entire comprehensively rebuilt portion of the city, located within the bounds of the medieval city walls and the Vistula Escarpment (including the eastern foot of this escarpment), with all of the characteristic features defining its identity. During the reconstruction, the original urban layout of the medieval city was preserved, and in some cases made more distinct. The principle of rebuilding and accentuating the historic layout was applied not only to the Old Town, but also to the buildings of the New Town and the Royal Route, which in effect created a sense of historical and spatial continuity within this urban complex (the aforementioned areas are located inside the limits of the buffer zone).

In order to maintain the integrity of this property, it is essential that the principles implemented during the process of reconstruction are maintained and continue to underpin the management system, and that the appropriate state of preservation and conservation of individual tangible and intangible elements of the complex, which carry Outstanding Universal Value, be ensured.

Maintaining the functional dimension of the Old Town as a residential quarter and venue for important historical, social, and spiritual events is a significant aspect of its integrity.

Authenticity

The cohesive rebuilding process came to an end with the reconstruction of the Royal Castle. Since then, the Historic Centre of Warsaw has fully retained its authenticity as a finished concept of post-war reconstruction. This World Heritage property includes two categories of structure. The first comprises extant structures predating the damage of World War I. This applies to most basements, some ground floor storeys and certain sections of wall up to the level of the first floor. The second category encompasses reconstructed features – this group includes buildings recreated in accordance with pre-war records (some of the Old Town's townhouses, the Sigismund's Column, churches, and the Royal Castle), and those rebuilt based on historical and conservation studies pertaining to the architecture of the 14th to 18th centuries (e.g. the façade of the cathedral, and the Old Town walls with the Barbican). The state of preservation of individual types of structure and entire buildings is satisfactory. Their maintenance requires the implementation of systematic conservation measures.

Protection and management requirements

The Historic Centre of Warsaw is an area subject to legal protection and conservation based on Polish legislation. Managing this area is the duty of the local government of the City of Warsaw. Management issues take into account the values and wishes of all stakeholders connected with the area.

The principal management tools are the Management Plan and the integrated spatial planning system, based on an agreed Local Spatial Development Plan. Outlining a buffer zone of significant value in terms of historical monuments protected on the basis of the city's spatial planning documents makes it possible to control the impact of the surroundings on this World Heritage property. The area is protected from potential threats by a system of problem identification and regular monitoring which assesses the state of preservation, ongoing conservation procedures, as well as urban, environmental, functional, and social changes.

Education and raising awareness of the significance of Warsaw's reconstruction in the post-war history of Poland and Europe is an important aspect of effective management for the future of the property.

State Party: Property	Portugal: Historic Centre of Évora
Id. N°	361
Date of inscription	1986

Brief synthesis

The Historic Centre of Évora, capital of the Alentejo Province, Portugal, has been shaped by more than twenty centuries of history, going as far back as Celtic times. It fell under Roman domination and still retains, among other ruins, those of the Temple of Diana. During the Visigoth period, the Christian city occupied the surface area surrounded by the Roman wall, which was then reworked. Under Moorish domination, which came to an end in 1165, further improvements were made to the original defensive system as shown by a fortified gate and the remains of the ancient Kasbah. There are a number of buildings from the medieval period, the best known of which is the Cathedral that was completed in the 13th century. But it was in the 15th century, when the

Portuguese kings began living in Évora on an increasingly regular basis that Évora's golden age began. At that time, convents and royal palaces sprung up everywhere: St Claire Convent, the royal church and convent of São Francisco, not far from the royal palace of the same name, and Os Lóios Convent with the São João Evangelista Church. These are remarkable monuments that were either entirely new buildings or else constructed within already existing establishments, and which are characterised by the Manueline style that survived in the major creations of the 16th century.

When the University of the Holy Spirit, where the Jesuits taught from 1553 onwards, was established, Évora became Portugal's second city. However, the university's rapid decline began following the expulsion of the Company of Jesus by minister Marquis of Pombal, in 1759.

Évora is also remarkable for reasons other than its monumental heritage related to significant historic events. The 16th century was a time of major urban planning and great intellectual and religious influence. While Évora also has many noteworthy 16th-century patrician houses (Cordovil house, the house of Garcia de Resende), the unique quality of the city arises from the coherence of the minor architecture of the 16th, 17th and 18th centuries. This unity finds its overall expression in the form of numerous low whitewashed houses, decorated with Dutch tiles and wrought-iron balconies and covered with tile roofs or terraces which line narrow streets of medieval configuration and which in other areas bears witness to the concentric growth of the town until the 17th century. It also served to strengthen the fundamental unity of a type of architecture that is perfectly adapted to the climate and the location.

Évora remained mainly undamaged by the great earthquake of 1755 that destroyed many towns in Portugal, including Lisbon. The monuments of the Historic Centre of Évora bear witness to their profound influence on Portuguese architecture in Brazil.

Criterion (ii): The cityscape of the Historic Centre of Évora is a unique place for understanding the influence exerted by Portuguese architecture in Brazil, in sites such as the Historic Centre of Salvador de Bahia.

Criterion (iv): The Historic Centre of Évora is the finest example of a city of the golden age of Portugal after the destruction of Lisbon by the 1755 earthquake.

Integrity

Évora has been inhabited since the 2nd century B.C. During the Middle Ages, it was the royal residence for long periods of time and gained prestige in the 16th century when it was elevated to an ecclesiastical city. Notwithstanding the significant urban changes that occurred through the centuries, Évora still bears testimony to different aesthetic styles.

In spite of the sharp population growth that led to the construction of new quarters to the west, south and east, the Historic Centre of Évora has retained its characteristics within the Vauban-style wall built in the 17th century according to the plans of Nicolas de Langres, a French engineer. Also, the road network that was built around the city walls in the 20th century has contributed to its preservation. Évora's overall integrity has been preserved in terms of both its individual monuments and its townscape. The rural landscape to the north has remained largely unchanged.

Authenticity

Ever since the city walls were classified in 1920 under national law, conservation measures were implemented in accordance with internationally recognised principles. Despite the transformations the city went through in the 20th century, most of its buildings have preserved their structural authenticity and the morphology of the city block has been preserved. Adaptation to modern times has not jeopardized the authenticity of the urban setting.

Protection and management requirements

The Department of the Historic Centre of the Municipality of Évora has the responsibility for over-seeing the implementation of the management plan and monitoring its effectiveness. Its annual working budget comes mostly from the municipality, yet there are several other financial sources such as the Regional Directorate for Culture of the Alentejo and the Directorate General for Cultural Heritage (DGPC).

In order to ensure enforcement of the Law as the basis for the policy and system of rules for protection and enhancement of cultural heritage (Law no. 107 of 8 September 2001), the Decree no. 140 of 15 June 2009 established the legal framework for studies, projects, reports, works or interventions on classified cultural assets. It determined, as a rule, the need for a prior and systematic assessment and monitoring of any works that are likely to affect the property's integrity so as to avoid any disfigurement, dilapidation, and loss of physical features or authenticity. This is ensured by appropriate and strict planning, by qualified staff, of any techniques, methodologies and resources to be used for implementation of works on cultural properties.

According to no. 7, Article 15, Law 107 of 8 September 2001 «Immovable assets considered cultural assets under the World Heritage List shall at all times pertain to the national interest asset inventory for all purposes thereof and within their respective categories».

Similarly, Decree no. 309 of 23 October 2009 equates buffer zones with special protection zones, which benefit from adequate restrictions for the protection and enhancement of cultural properties.

The Municipality of Évora, in cooperation with the national authorities, is studying the modification of the buffer zone of the property that corresponds to the setting of the city, which will be a crucial measure to ensure that the conditions of authenticity and integrity continue to be met.

State Party: Property	Portugal: Landscape of the Pico Island Vineyard Culture
Id. N°	1117rev
Date of inscription	2004

Brief synthesis

The Landscape of the Pico Island Vineyard Culture is an outstanding example of the adaptation of farming practices to a remote and challenging environment. Pico Island is one of nine volcanic islands in the Azores Archipelago in the Atlantic Ocean. The island contains spectacular evidence of grape-growing and wine-making (viniculture), with an imposing pattern of orderly, long, linear walls running inland from, and parallel to, the rocky coastline around its northern and western edges. The stone walls form thousands of small, contiguous, rectangular plots built to protect crops from wind and salt spray. Vines were, and continue to be, planted within the small and soilless plots (locally called *currais*). The extensive system of small fields, as well as the buildings (manor houses, wine cellars, warehouses, conventional houses, and churches), pathways and wells, ports and ramps, were produced by generations of farmers enabling the production of wine.

Begun in the 15th century, wine production on Pico Island reached its peak in the 19th century and then gradually declined due to plant disease and desertification (loss of soil and reduced rainfall). However, a low level of grape vine growing and high-quality wine production continues to be undertaken and expanded, especially around the village of Criação Velha. Wine production is managed under a regime designed to ensure economic viability and sustainability as well as to retain traditional farming techniques.

Criterion iii: The Pico Island landscape reflects a unique response to viniculture on a small volcanic island that has been evolving since the arrival of the first settlers in the 15th century.

Criterion v: The extraordinarily beautiful human-made landscape of small, stone walled fields is a testimony to generations of small-scale farmers who, in a hostile environment, created a sustainable living and much-valued wine.

Integrity

The 987 ha property and its 1,924 ha buffer zone encompass all the elements necessary to understand the vineyard culture of Pico Island, which is the basis for its Outstanding Universal Value. The physical evidence across this landscape includes the extensive network of enclosed stone-walled fields, or *currais*, a variety of buildings (houses, wine cellars, windmills, warehouses, and churches), pathways, wells, ports, and fig trees. Its boundaries, including the buffer zone, represent a significant and intact proportion of the vineyard landscape, which encircled the island in the 19th century. The property comprises areas of both abandoned stone-walled enclosures (a relict cultural landscape) and areas where grape production continues to take place (a continuing, living and working landscape).

The vineyard landscape and culture of Pico Island is largely intact, extraordinarily well preserved, and without additions of intrusive modern structures. The abandoned, stone-walled enclosures suffer from a low level of deterioration resulting from disuse and neglect, while certain invasive plants species have colonised many of - these abandoned *currais*. Though currently maintained, the integrity of the Landscape of the Pico Island Vineyard Culture is threatened by the construction of new buildings that are incompatible with the visual qualities of the World Heritage property, and future development and expansion of the Pico airport risks impacting the Outstanding Universal Value of the property.

Authenticity

The Landscape of the Pico Island Vineyard Culture has evolved over 500 years and is exceptionally well-preserved and fully authentic in its setting, materials, continued use, function, traditions, techniques, and management systems. The spectacular coastal setting of the viniculture landscape sits at the foothills of Pico Mountain, a volcano that dominates the topography of the island. The material used to construct the *currais* and buildings is largely composed of local, irregular, weatherworn, black basalt rocks. The use of this dominant material type is a major element of the authenticity of the cultural landscape. Part of the property (adjacent to Criação Velha, immediately south of the island's main town of Madalena) is actively farmed. The *currais* in these areas are used in a way that is consistent with 19th-century techniques and traditions, thus fully satisfying conditions of authenticity.

The property is vulnerable to a number of pressures, which include the importing of stone for re-building that is not consistent with local materials. The expansion of the local wine-based industry (in part as a consequence of World Heritage status) is currently not considered a threat to the authenticity of the property, as viticulture practices are carried out by individual owner-farmers without the use of mechanical vine-growing methods.

Protection and management requirements

The Landscape of the Pico Island Vineyard Culture is well protected through a system of legislation, management plans, and a multi-tiered administrative system. Protection mechanisms are in place at the regional, island, municipal, and protected landscape levels.

Laws to protect both the vine growing areas and the standards of wine production on Pico Island were passed in 1980, 1988, and 1994. In 1986, the area covered by the World Heritage listing (as well as areas beyond the buffer zone) was classified as a Protected Landscape (IUCN Category V Protected Area, which are typical living landscapes). Regional Act of Law 10 of 2002 provides four levels of protection that include two zones for stone wall-enclosed vineyards or *currais* – the small *lajidos* (or broad lava flow fields) of Criação Velha and Santa Luzia, which are areas protected for their high-quality wine production.

A series of management plans have been developed for the viticulture landscape of Pico Island, beginning with a 'Safeguarding Plan' (1993), an action plan ('Dynamizing Plan,' covering the period 2001-2006), and a regularly revised five-year Management Plan for the World Heritage property. The latter plan allowed the Regional Government to adopt measures to impose planning constraints on new buildings, use appropriate local building materials, reconstruct ruins, revitalise abandoned vineyards (e.g., remove invasive plants), and 'guarantee the revitalisation of the landscape through the progressive increase of cultivated vines under traditional methods.' The Management Plan views the property as a living, working landscape that is maintained and protected by sustaining the area's distinctive wine-making traditions and thereby preserving the complex field patterns and associated structures and houses. A recent evaluation of the current 'Land Management Plan of the Protected Landscape of Pico Vineyard Culture' carried out by the Regional Directorate for the Environment will be the basis for revisions to the Management Plan. The purpose of the Plan is to "further promote the maintenance and recovery of the vineyard landscape, turning it into one of the most economic and social development hubs of Pico Island and the Azores."

The multi-governmental, administrative structure is responsible for the management of the World Heritage property. The Azores Regional Directorate for the Environment is primarily responsible for law-making, management planning, and management implementation. A Management Committee, appointed by the Regional Secretary (Minister) for the Environment, is responsible for the property. The Pico Island Department of the Environment provides scientific expertise, while the municipal governments of Madalena (Criação Velha) and Sao Roque do Pico (Santa Luzia) exercise planning control (i.e. regulations relating to vine growing methods, local roads, and buildings).

Sustaining the Outstanding Universal Value of the Landscape of the Pico Island Vineyard Culture in the long-term will require ongoing coordination between the different levels of government in partnership with the local communities and land owners. The future protection of the 500-year old vineyard landscape will rely on continuing, effective, and realistic partnerships that support sustainable wine production in a way that continues to preserve traditional viticulture practices.

State Party: Property	Portugal: Monastery of Alcobaça
Id. N°	505
Date of inscription	1989

Brief synthesis

The founding of the Monastery of Alcobaça, located in central Portugal, is closely associated with the beginning of the Portuguese monarchy. When Afonso Henriques was proclaimed King Alfonso I in 1139, he based his political reconquest on the Crusaders and on religious orders. Alcobaça was given to the Cistercians in recognition of their support to the conquest of Santarem (1152) with the understanding that they would colonise and work the surrounding lands.

In the 13th century, while the monastery church, laid out similarly to Pontigny Abbey in Burgundy (France), and the magnificent monastic buildings were under construction, the monastery's intellectual and political influence had already spread throughout the western part of the Iberian Peninsula. It was a centre of study and religious doctrine - the kingdom's most important monastic school was located within its premises - and it accommodated a wealthy congregation.

In this monumental complex, the Manueline sacristy of Infante Dom Afonso, appointed abbot of Alcobaça in 1505, the upper cloister of João de Castilho, the façade and main part of the baroque lodgings of Friar João Turriano (1702), and the King's Room are particularly noteworthy.

The ultimate symbol of this privileged relationship with the Portuguese monarchy can be found in the famous tombs of Inês de Castro and Dom Pedro (Peter I). King Peter I commissioned the twin tombs after the dramatic event that would later inspire the poet Luís Vaz de Camões, the writer Velez de Guevara and so many other authors and filmmakers. The design of a high sarcophagus supporting the giants watched over by angels, frequently used in the 14th century, finds here one of its greatest artistic expressions. The stylistic quality of the sculptured ornaments, despite having been mutilated by Napoleon's troops in 1810-1811, is surpassed by the compelling symbolism of the iconography, which evokes human destiny, death, and the Christian hope of eternal life. Built c. 1360, the tombs are the tangible sign of Peter I's mystical rehabilitation of Inês, assassinated at Coimbra on the orders of King Alfonso IV.

Criterion (i): By virtue of its magnificent dimensions, the clarity of the architectural style, the beauty of the material used and the care with which it was built, the Monastery of Alcobaça is a masterpiece of Gothic Cistercian art. It bears witness to the spreading of an aesthetic style that developed in Burgundy at the time of St Bernard, and to the survival of the ascetic ideal which characterised the order's early establishments like Fontenay. The tombs of Dom Pedro and Dona Inês de Castro are beautiful examples of Gothic funerary sculptures.

Criterion (iv): The Monastery of Alcobaça is an example of a great Cistercian establishment with a unique infrastructure of hydraulic systems and functional buildings. D deservedly renowned, the 18th-century kitchen adds to the interest of the group of monastic buildings from the medieval period (cloister and lavabo, chapter house, parlor, dormitory, the monks' room and the refectory).

Integrity

The Monastery of Alcobaça has been properly conserved and contains all the necessary elements to convey its Outstanding Universal Value. No major changes have occurred that could affect the property's integrity.

The changes that have been made to the Monastery of Alcobaça mainly concern the following: restoration of the 18th-century granary; electrical and audio installations; restoration of terra cotta and wood sculptures from the Baroque period; repair works to avoid infiltrations into the monument and the construction of the Saint Bernard exhibition gallery.

Authenticity

The Monastery of Alcobaça still retains its authenticity as it has not undergone any major alterations. Restoration projects implemented by national organisations have strictly respected original materials and techniques. In addition, the awareness of the importance of maintaining the physical and intangible authenticity of the property is a fundamental and overarching principle for safeguarding the monument and preserving its specificity and uniqueness. Similarly, the characteristics of the location and setting are still well maintained due to municipal managers who apply regulatory and legal measures to preserve the property's buffer zone and wider setting.

Protection and management requirements

The Monastery of Alcobaça was classified as a national monument by a Decree published in the Government Journal no. 14 of 17 January 1907. In order to ensure enforcement of the Law as the basis for the policy regulations for protection and enhancement of cultural heritage (Law no. 107 of 8 September 2001), Decree no. 140 of 15 June 2009 has established the legal framework for studies, projects, reports, works or interventions carried out for classified cultural assets. It underscores that prior and systematic assessment, monitoring and careful analysis of any works that are likely to affect the property's integrity are essential to avoid any disfigurement, dilapidation, loss of physical features or authenticity. This is ensured by appropriate and strict planning, by qualified staff, on the techniques, methodologies and resources to be used for implementation of works on cultural properties.

Similarly, Decree no. 309 of 23 October 2009 equates buffer zones with special protection zones, which benefit from adequate restrictions for the protection and enhancement of cultural properties.

One of the key goals of the property's management is to preserve the attributes that justified its inscription on the World Heritage List, as well as maintain the conditions of authenticity and integrity of the whole monumental complex. This is achieved through the development of a work plan involving the local community in decision-making and implementation.

All the interventions that have been implemented or are programmed comply with current legislation, as well as with strict technical and scientific criteria. Attention is given to the treatment and rehabilitation of the area surrounding the monument, as these works are to be ensured by local organisations involving both the municipality and the local community.

The management of the Monastery of Alcobaça is ensured by the decentralised services of the Directorate General for Cultural Heritage (DGPC), the national administration department responsible for cultural heritage.

Conservation, enhancement and safeguarding measures are ensured by DGPC, which is also responsible for drawing up an annual programme and implementing it so as to ensure the adequate conservation and protection of the property.

State Party: Property	Portugal: Monastery of the Hieronymites and Tower of Belém in Lisbon
Id. N°	361
Date of inscription	1983

Brief synthesis

This serial World Heritage property comprises the Monastery of the Hieronymites and the Tower of Belém, both known as the complex of Belém, located on the shore of the Tagus River at the entrance to the port of Lisbon. The Monastery of the Hieronymites is a royal foundation that dates back to the late 15th century. It was commissioned by King D. Manuel I and donated to the monks of Saint Hieronymus so that they would pray for the King, and pay spiritual assistance to seafarers that left the shores of Lisbon in quest for the new world. The monastery was also built to perpetuate the memory of Prince Henry the Navigator. Its very rich ornamentation derives from the exuberance typical of Manueline art. Being symbolically linked to the Age of Discoveries, the monastery still preserves most of its magnificent structures, including its 16th-century Cloister, the friars' former Refectory, and the Library.

Not far from the monastery, on the banks of the Tagus River, Francisco de Arruda constructed the famous Tower of Belém around 1514, also known as the Tower of St Vincent, patron of the city of Lisbon, which commemorated the expedition of Vasco da Gama and also served to defend the port of Lisbon. The cross of the Knights of Christ is repeated indefinitely on the parapets of this fortress, while the watch towers that flank it are capped with ribbed cupolas inspired by Islamic architecture.

Created by the royal dynasty of Avis at its height, the complex of Belém is one of the most representative examples of Portuguese power during the Age of Discoveries.

Criterion (iii): The Monastery of the Hieronymites and Tower of Belém are a unique and exceptional testimony to a 15th and 16th-century civilization and culture. They reflect the power, knowledge and courage of the Portuguese people at a time when they consolidated their presence and domain of intercontinental trade routes.

Criterion (vi): The complex of Belém is directly associated with the Golden Age of the Discovery and the pioneer role the Portuguese had in the 15th and 16th centuries in creating contacts, dialogue and interchange among different cultures.

Integrity

The serial property encompasses 2,66 ha, comprising the complex of Belém that includes the Monastery of the Hieronymites and the Tower of Belém. Despite the changes that both monuments went through over time, they have succeeded in preserving their physical integrity. At the Monastery, the church maintains its religious services as the parish of Santa Maria de Belém.

The Tower of Belém has preserved its original layout, despite the large changes in the surrounding area caused by landfills and by the silting of the river Tagus. The 103 ha buffer zone around the serial property serves to increase the protection of the settings of the two monuments but the wider setting, particularly when viewed from the sea, still warrants additional protection to ensure that the visual characteristics are maintained.

Authenticity

The complex of Belém testifies to Portugal's cultural apogee in the 16th century and has retained its authenticity in terms of materials, form, and design. Of particular mention is the stone workmanship of the Monastery and Tower, where building materials are those used in the original construction. Restoration projects implemented by national and local organisations have strictly respected original materials and techniques. The properties maintain their predominant position from an urban point of view. Authenticity has also been maintained in terms of location and setting, as there are no major changes to the original plan, materials, social significance and relationship with the urban setting.

Protection and management requirements

The Monastery of the Hieronymites and the Tower of Belém are classified as national monuments by a Decree published in the Government Journal no. 14 of 17 January 1907. In order to ensure enforcement of the Law as the basis for the policy and regulatory system for the protection and enhancement of cultural heritage (Law no. 107 of 8 September 2001), Decree no. 140 of 15 June 2009 established the legal framework for studies, projects, reports, works or interventions carried out for classified cultural assets. It established, as a regulation, the need for

a prior and systematic assessment, monitoring and careful analysis of any works that are likely to affect the property's integrity so as to avoid any disfigurement, dilapidation, loss of physical features or authenticity. This is ensured by appropriate and strict planning, by qualified staff, and by careful supervision of any techniques, methodologies and resources to be used for implementation of interventions on cultural properties.

Similarly, Decree no. 309 of 23 October 2009 equates buffer zones with special protection zones, which benefit from adequate restrictions for the protection and enhancement of cultural properties.

The key goal of the management arrangements is to preserve the authenticity and integrity of the property as a whole monumental complex through the implementation of a work plan that involves the local community.

All the interventions that have been implemented or are programmed comply with current legislation, as well as with strict technical and scientific criteria. Attention is given to the treatment and rehabilitation of the area surrounding the monuments, as these works are to be ensured by local organisations involving both the municipality and the local community.

Management of the property is ensured by the decentralised services of the Directorate General for Cultural Heritage (DGPC), the national administration department responsible for cultural heritage. Conservation, enhancement and safeguarding measures are ensured by DGPC that is responsible for drawing up an annual programme and implementing it so as to secure the continued future maintenance of the monuments.

The creation of a single protection zone for both monuments as well as the enlargement of the buffer zone have been crucial for the integral protection of the property. However, the wider setting in terms of the important views of the property from the sea will also require careful monitoring and additional protection to ensure that integrity is maintained.

State Party: Property	Russian Federation: Church of the Ascension, Kolomenskoye
Id. N°	634rev
Date of inscription	1994

Brief synthesis

The Church of the Ascension was built in 1532, in the imperial estate of Kolomenskoye, near Moscow, to celebrate the birth of the prince who was to become Tsar Ivan IV "the Terrible". The church is now situated near the centre of Moscow on the steep slope that descends to the floodplain of the Moscow River. The church represented a new stage in Russian architecture. It is the first tent-roofed church to be built in stone. The remarkable tent roof rises from an octagonal base crowned by small *kokoshniks*; the base itself also rises from a larger base formed by a series of tiered *kokoshniks*. Galleries reached by steps at various levels surround the church. In the eastern altar part of the gallery, facing the Moscow River, there is a "royal pew" in the form of a throne with a white-stone ciborium above it. Because of this specific construction, the walls are 2.5 to 3 metres thick, making the interior very small, although the 41-metre high ceilings create a feeling of spaciousness.

The church is of great importance for town planning, dominates the surrounding architectural structures and landscape, and provides visual unity to all the elements of the estate. The Church of the Ascension is unsurpassed in its marvellous beauty and elegance of form and was built in spite of the strict canons of ecclesiastical architecture in the 16th century. Its one-pillar construction differed from the usual five-domed structure on four pillars, making it more like a memorial sculpture with architectural features that incorporated the best of the Byzantine, Greek, Roman, Gothic and ancient Russian traditions. The example of the Church of the Ascension in Kolomenskoye then became widespread all over the country until the middle of the 17th century. The tent-like style was important and decisive for Russian architecture, as it later became the embodiment of the Russian national architectural tradition.

Criterion (ii): The Church of the Ascension at Kolomenskoye represents an imaginative and innovative advance in Russian Orthodox Church design, which exerted a profound influence on developments in ecclesiastical architecture over a wide area of Eastern Europe.

Integrity

The Church of the Ascension at Kolomenskoye is a single whole and all the attributes expressing its Outstanding Universal Value are within the inscribed boundaries. None of the attributes are threatened by contemporary development or neglect. All the attributes are still present and have maintained physical integrity as well as the dynamic functions between them. Both the exterior and the interior of the church vividly demonstrate the unity of structural and decorative intent that is typical of Russian architecture.

Over the course of the period from 1532 to 1920, there were six different iconostases in the Church of the Ascension. During the complex restoration of 2003-2007, a complete reconstruction was undertaken based on the 'Tsar's Gates' of the original 16th-century iconostasis.

Authenticity

The Church of the Ascension has undergone many alterations since it was built in 1532. However, changes have been limited to the roofs of porches and to the decoration due to the complete loss of white-stone carved capitals and portals on the second tier. Regarding its volume and forms, the temple is preserved in its original form. In the early 19th century, considerable areas of the damaged surface of the brickwork were refaced with bricks manufactured especially for that purpose. In the second row of galleries, new white-stone floors were made, as well as white-stone stairs and grounds were made for all the porches. The brick floors of the 18th century were dismantled. In the 1860s, the church was restored in accordance with historical detail and ornaments - this concerns mainly the upper part of the temple: the octagonal, the tent and the cupola. In the first half of the 20th century, restoration works based on scientific elaborations were carried out as follows: white-stone of the porches and parapets were renewed; facades were renovated by replacing damaged areas and coating them with white limestone; wood structures of the galleries' roofs were reconstructed; and the cross, the sphere and chains underneath were restored and gilded.

The meticulous research that was carried out in the 1980s and subsequent restoration have restored it to a high level of authenticity in form and materials whilst the setting within the imperial estate has been preserved.

Protection and management requirements

In 1918, the Church of the Ascension was proclaimed state property as an outstanding cultural and historical monument. Its status was confirmed by the Decree of the Council of the People's Commissars "On registration and protection of art and antiquity monuments being in private, society and institutional property"(1918). At the time of inscription, the property was a part of the Architectural-Archaeological and Natural Complex of the Museum Zone Kolomenskoye. Today, the monument is owned and managed by the Moscow State United Art Historical-Architectural and Nature Landscape Museum-Reserve.

The main legal act that provides the necessary framework for protection is the Federal law of 25 June 2002 No. 73-FZ "On Cultural Heritage Properties (Monuments of History and Culture) of the Peoples of the Russian Federation". The property is a national park that maintains religious use. At present the Church of the Ascension is the patriarchal town residence under the Patriarch of the Russian Orthodox Church. Divine services are carried out on major religious holidays while the rest of time it operates as a museum.

Operational control and management of the property is up to the Moscow State Art Historical-Architectural and Nature-Landscape Museum-Reserve, which reports directly to the Department of Culture Heritage of the City of Moscow.

As part of a long-term program on conservation of historical and cultural heritage and for the development of the museum-reserve Kolomenskoye for 2003-07, some necessary activities were taken to preserve and promote the property, including the installation of an information plaque on the memorial stone with the World Heritage emblem. The eastern facade of the church also has an information table with the UNESCO emblem set in 2012.

The museum, acting on the basis of laws and regulations of the Russian Federation and those of the city of Moscow, as well as on local programs and instructions, maintains an effective site management on a full-time basis.

Regular monitoring will be essential to ensure an adequate state of conservation and to control the observance of buffer zone regulations.

State Party: Property	Russian Federation: Historical Centre of the City of Yaroslavl
Id. N°	1170
Date of inscription	2005

Brief synthesis

The city of Yaroslavl is situated on the Volga River at its confluence with the Kotorosl River, some 250 km northeast of Moscow. It was founded by the Prince of Kievan Russia Yaroslav-the-Wise (988-1010) and consisted of a small wooden fortress. Until the 13th century, it had belonged to the territory of Rostov Principality and in 1218 it became the capital of Yaroslavl Principality. The city of Yaroslavl started developing in 1463 when Yaroslavl Principality joined the powerful Moscow state. After several fires, and starting from the 16th century, the original wooden town was gradually rebuilt in stone.

The Historical Centre of the City of Yaroslavl is the oldest part and the kernel of development of one of the most ancient, rich, and well preserved Russian cities. The historic centre is a representative example of the development of the planning structures of ancient Russian cities, which was subject to regular urban re-development as a part of unique town-planning reform pursued by Empress Catherine the Great at the end of 18th century. Solutions developed and implemented in Yaroslavl ensured preservation of the historical environment and spatial integrity in the central part of the city. The Historical Centre of the City of Yaroslavl became a recognised model in the art of town planning during the Neoclassical Age, which has organically incorporated ancient elements of the city's historical structure.

The historical centre of Yaroslavl comprises a large number of town-planning elements representing the development of Russian architecture of the 16th to 18th centuries. The property consists of the historic centre of the city, the Slobody, forming roughly a half circle with radial streets from the centre. It is essentially Neoclassical in style, with harmonious and uniform streetscapes. Most residential and public buildings are two to three storeys high along wide streets and urban squares. A specific and unique feature of Yaroslavl is the existence of numerous 16th- and 17th-century churches and monastic ensembles with valuable mural paintings and iconostases, which are outstanding in terms of their architecture, as dominant town-planning elements and composition centres. The main merits of the town-planning structure and architectural face of Yaroslavl city centre are the rational approach to activation of artistic values of the past within the city system, and the subordination of further architectural constructions to them, using the contrast between picturesque ancient churches and distinctly regular, symmetrical, composed classical buildings of the later periods.

Another particularity is the organic use of the rich natural landscape at the junction of two rivers, with their picturesque banks and wide water expanses. They reveal marvellous sights of well-equipped embankments with the best buildings constructed there.

Criterion (ii): Historical Centre of the City of Yaroslavl with its 17th-century churches and its Neoclassical radial urban plan and civic architecture is an outstanding example of the interchange of cultural and architectural influences between Western Europe and the Russian Empire.

Criterion (iv): Historical Centre of the City of Yaroslavl is an outstanding example of the town-planning reform ordered by Empress Catherine The Great in the whole of Russia, implemented between 1763 and 1830.

Integrity

The vast majority of all the attributes and elements expressing the Outstanding Universal Value are within the property border. The property has adequate size (110 ha) to ensure the complete representation of the features and processes which convey the property's significance. The 580 ha buffer zone provides also the protection to maintain the conditions of integrity.

All the attributes of the property are still present in good condition, and dynamic functions between them are maintained. The most significant monuments of cultural heritage in the historical centre of the city are architectural complexes of central streets, squares and embankments. In addition, among the most important architectural objects of the centre of Yaroslavl are the Spaso Preobrazhensky monastery founded in the 12th century with walls and towers of the 16th to 19th centuries, and the 17th-century Church of the Epiphany.

The conditions of integrity are threatened by the violation of the historical horizontal skyline with dominating elements, in particular, the serious changes to the town-planning due to the construction of the Uspenskiy Cathedral. Other factors that require attention include the gradual change of the town-planning structure, new construction projects and restoration projects that adapt to modern functions.

Authenticity

From the town-planning point of view, the inscribed property has retained its authenticity. It is noted that, differing from many other renovation projects in the Soviet period, the banks and islands of the Kotorosl River have been preserved, retaining the historic town with its rare natural framework. Even the river port on the Volga built in the 1980s does not interfere excessively with the town-planning composition. In the Stalinist period, thousands of churches were demolished especially in larger cities in Russia. On the other hand, in Yaroslavl, out of some 80 churches and chapels, 56 have survived intact. This number has no comparison in other parts of Russia. Even though some churches were used as workshops or warehouses, they have usually retained their artistic finishes. Only a minimum of restoration is required and it has already been started with several buildings. The work done so far is considered to respond to required standards. The residential buildings, dating from 18th to early 20th centuries, have survived almost completely. Parts of the masonry fortifications have also been preserved in the northern and north-eastern section of the town, as well as the towers of the Virgin and Uglic, and the Volga Gates.

Protection and management requirements

The state management system of the property comprises the federal level represented by the Ministry of Culture of the Russian Federation, the regional level represented by the Government of the Yaroslavl Region (Department of Culture of the Yaroslavl Region), and the municipal level represented by the Administration of the City of Yaroslavl (Department of Architecture and Development of Territories of the City of Yaroslavl).

Administrative bodies in cooperation with other stakeholders carry out all processes according to the following normative documents: Federal Law of 25 June 2002, No. 73-FZ “On Cultural Heritage Properties (Monuments of History and Culture) of the Peoples of the Russian Federation”; the Master Plan of the City of Yaroslavl (approved by the Decision of the Municipality of Yaroslavl of 06 April 2006, No. 226); the Decision of the Government of the Yaroslavl Region of 22 June 2011, No. 456-p “On approval of the project on protected zones of the cultural heritage properties (monuments of history and culture) of the City of Yaroslavl” (the Project comprises the description of the territory of Historic Centre of the City of Yaroslavl with its buffer zone and regulations within the named territories); the Order of the Ministry of Culture of the Russian Federation of 17 October 2012, “On the approval of the object of protection of the cultural heritage property of federal importance “Historical Centre of the City of Yaroslavl” and others.

Within the management system, the process of licensing for construction and restoration works within the boundaries of the property and its buffer zone is arranged in accordance with the official legal instruments and regulations.

The Historical Centre of the City of Yaroslavl is included in the List of heritage properties of federal importance, which is managed by the Ministry of Culture of the Russian Federation.

The main management challenges that will warrant attention include the development of a methodology for assessment and exploration of the historical context of the city, and for the careful preservation of architectural and town-planning integrity. In addition, procedures for evaluation and licensing of new construction and development projects which might impact the property will need to be clarified. The mechanisms for the development of Heritage Impact Assessments prior to approval of projects will need to be defined. Finally, the enforcement of regulations to ensure that the city's horizontal skyline is maintained, as well as the strict control of design quality, scales, materials and massing of projects of new buildings and constructions inside of the boundaries of the property and its buffer zone will also need to be adequately addressed.

State Party: Property	Russian Federation: Kizhi Pogost
Id. N°	544
Date of inscription	1990

Brief synthesis

The architectural ensemble of the Kizhi Pogost is located on a narrow spit in the southern part of Kizhi Island, a small island of the Kizhi Archipelago in Lake Onega. The architectural ensemble includes two 18th-century wooden churches: the Church of the Transfiguration and the Church of the Intercession and an octagonal wooden bell tower built in 1862 and considerably reconstructed in 1874.

The churches on Kizhi Island were mentioned for the first time in chronicles of the 16th century. They burned down after being struck by lightning in 1693 and the currently existing churches were built on the very site of the former ones.

The ensemble bears evidence of the highly developed carpentry skills of the Russian people. Nowadays it is the only ensemble with two multi-domed wooden churches preserved in Russia. The Church of the Transfiguration is a monument with exceptional architectural and structural features. It has no parallel in either Russian or global wooden architecture. Considered by locals as the true wonder of the world, it gave birth to the legend about Master Nestor, who built the 37m high nail-less church using nothing but an axe. The Church of the Transfiguration was used during the summer, when the faithful journeyed from the outermost regions of the parish to attend services. A dendrochronological study of the materials sets its construction date after 1713-14. The octagon, which defines the composition of the cruciform church, is extended by oblong bays facing the four cardinal points. The nave, flanked with side aisles, is preceded on the west by a projecting narthex reached via two staircases. The height of the Church of the Transfiguration, whose central cupola culminates at 37m, is a masterpiece of a multi-storey, multi-cupola, and single-block structure. Here, over a central volume covered with three octagonal frames, the architect placed bochkas (roofs whose peak is shaped like a horizontal cylinder with the upper surface extended into a pointed ridge) topped with 22 bulbous cupolas. Inside, under the so-called 'heaven' - a superb vault shaped like a truncated pyramid - there is a gilded wood iconostasis holding 102 icons from the 17th and 18th centuries.

The Church of the Intercession, the Winter Church, refers to “ship type” churches and is a simpler structure. Built in 1764, it is of the “octagonal prism on a cube” type. Its elegant crown of eight cupolas is a unique element in Russian wooden architecture as this type of church was traditionally crowned with a tent roof. The eight cupolas encircle the 27m high central onion dome, and which covers the central parallelepiped space, gives it a more static appearance. To the east a five-sided small apse contains the altar. To the west is a long nave accessible by a single stairway.

The 30 meters-high bell tower is of the traditional "octagon on cube" type with a high cube (2/3 of the structure height). The belfry crowns the structure. It has nine posts supporting the tent roof with an onion dome covered with shingles.

The Kizhi Pogost is a unique monument of Russian wooden architecture, a universally recognized masterpiece of world architecture. It is noted for the harmony of its dimensions and shapes, and the artistic unity of its structures, built at different times. The architectural beauty of the ensemble is emphasized by the expressive landscape, which can be considered as a national landscape.

Criterion (i): Perceived by people of Karelia as "the true eighth wonder of the world", Kizhi Pogost is indeed a unique artistic achievement. Not only does it combine two multi-cupola churches and a bell tower within the same enclosure, but also these unusually designed, perfectly proportioned wooden structures are also in perfect harmony with the surrounding landscape.

Criterion (iv): Among the five surviving pogosts in the extreme northwest of Russia, Kizhi Pogost offers an outstanding example of an architectural ensemble typical of medieval and post-medieval Orthodox settlements in sparsely populated regions, where missionaries had to cope with far-flung Christian communities and harsh climate. Accessible by land or water, the pogost clustered religious buildings, which could also be used for other occasional purposes; for example the spacious refectory was used as a meeting hall for the village community.

Criterion (v): The Pogost and the buildings, which had been grouped together to form the museum site in the southern part of Kizhi, are exceptional examples of the traditional wooden architecture of Karelia and, more generally, of that of northern Russia and the Finnish-Scandinavian region.

Russian carpenters, whose fame takes root from the Medieval Novgorod, had carried the art of carpentry to its apogee. Irreversible changes have caused this traditional skill to disappear. Hence, it is absolutely essential that ensembles like that of the Kizhi Pogost be preserved for their illustrative value in the history of ancient techniques and for what they tell us about old lifestyles.

Integrity

All attributes that convey the Outstanding Universal Value of the property are included within the boundaries of the property and have the adequate size to ensure the complete representation of features conveying its significance. The integrity of the architectural ensemble of the Kizhi Pogost, encircled by a wooden fence, has been largely maintained and is not threatened by contemporary development or neglect.

Since ancient times, parish churches on Kizhi Island have been the centre of spiritual life of the region and a symbol of community for a large peasant world united by economic, social and family ties. It was therefore necessary that the church, the graveyard and the buildings needed for the far-flung communities' religious life be grouped together in one place.

The Kizhi Pogost has dominated the holistic territory for many centuries. The structures are located in the form of a triangle, which creates the integrity of the ensemble. The structure of villages and the landscape, reflecting the system of traditional land management in peasant agriculture, undisturbed by modern building activity, have been preserved up to the present time. To maintain these conditions, developments in the vicinity of the property and its setting need to be controlled.

Authenticity

The Kizhi Pogost is an illustration of a carpenter pushing a technique to its furthest limits. The traditional building techniques and the structural and decorative elements that have been used in Russian architecture for centuries are brilliantly and perfectly implemented in the ensemble structures.

Throughout its 300 year history, the monuments have been periodically repaired. In the 19th century, the walls of the churches were covered with protective siding boards and painted white and the domes were covered with metal sheets. Restoration works in 1949-59 returned the churches to their previous original appearance. In 1980-83, a steel framework was installed in the interior of the Church of the Transfiguration and the iconostasis and interior elements were removed from the structure.

In spite of these interventions, the structures have not been significantly reconstructed and have preserved a substantial part of the original elements and material. To maintain the conditions of authenticity, restoration criteria and guidelines are crucial to address the treatment of elements from different periods, of witness marks, among other issues.

The Kizhi Pogost represents an important step in the establishment of Orthodoxy in the Russian North. The churches have been used for liturgical services since their construction, except during the Soviet period of 1937-1994.

Protection and management requirements

The Kizhi Pogost is a federal monument of history and culture protected in accordance with Federal Law No. 73 "On cultural heritage (monuments of history and culture) of the peoples of the Russian Federation, dated June 25, 2002. In 1993, by the Decree of the President of the Russian Federation, it was listed in the State Code of Most

Valuable Objects of Cultural Heritage of the Peoples of the Russian Federation. The establishment of the buffer zone for the Kizhi Pogost represents a crucial step in preserving the visual integrity of the historic landscape and ensuring the integrity of the property and its setting. Much attention needs to be paid to establishing effective partnerships between authorities, businesses and communities, to the strategic protection of this historical landscape, to the promotion of the Kizhi Pogost as a cultural and historical destination. It is necessary to clearly identify specificities of valuable elements of the territory and establish legally permissible forms of their use.

The “Management Plan for the World Heritage property Kizhi Pogost” is an essential tool to protect the Outstanding Universal Value of the property and to coordinate stakeholder activities. The day-to-day management of the Kizhi Pogost is the responsibility of the Kizhi State Open-Air Museum, which carries out monitoring, maintenance, and restoration of the Pogost monuments. As a particularly valuable object of cultural heritage, the fire emergency team and the special police unit guard the Kizhi Pogost.

Maintaining the Outstanding Universal Value of the property requires understanding of the specificities of its natural and cultural environment and developing of appropriate guidance for the selection of restoration methods of monuments. The restoration of the Church of the Transfiguration, which aims to preserve the framework, the interior and the iconostasis, is a priority. The lessons learned in the process will be critical for addressing further specific conservation challenges.

State Party: Property	Slovakia: Bardejov Town Conservation Reserve
Id. N°	973
Date of inscription	2000

Brief synthesis

The town of Bardejov is located in north-eastern Slovakia, on a floodplain terrace of the river Topľa near the Polish border. Due to its proximity to the major trade route that stretches across the Carpathian Mountains, from Hungary into Poland, Bardejov was able to develop into an important medieval town.

The town's surviving urban plan, with a regular division of streets around a spacious market square, is an indication of European civilization from the 13th to 14th centuries. Burghers' houses, dating from the first half of the 15th century, surround three sides of the square and document the highly developed burgess culture. The fourth side of the square is closed by the Roman Catholic Church of St. Giles, a three-naved Gothic basilica with a precious collection of eleven late Gothic altars. The Renaissance town hall occupies the centre of the square. The historic core of the town is encircled by the fortification system which was, at the time of its construction, one of the most advanced in Central Europe. The area of the town's historic core was declared a Town Conservation Reserve in 1950. Bardejov also has a well-preserved small Jewish suburb. This quarter, developed over the 18th century around a synagogue (1725-1747), still contains a unique set of surviving buildings from that era: a kosher slaughter house, some ritual baths, and a meeting building (Beth Hamidrash).

Bardejov provides exceptionally well-preserved evidence of the economic and social structure of trading towns in medieval Central Europe. Its surviving building stock represents a developed burgess culture and Jewish community, thus illustrating a multi-national and multi-cultural society.

Criterion (iii): The fortified town of Bardejov provides exceptionally well-preserved evidence of the economic and social structure of trading towns in medieval Central Europe.

Criterion (iv): The plan, buildings and fortifications of Bardejov illustrate the urban complex that developed in Central Europe in the Middle Ages along the great trade routes of the period.

Integrity

The delimitation and size of the property are appropriate and all the important elements necessary to convey the Outstanding Universal Value of the property are contained within its boundaries. The historic town core has retained the key characteristic attributes of a medieval trade town especially with regards to its urban plan, its original building lot divisions (parcels), its central square, its streets, most of its open spaces, public buildings, fortifications, and its townscape. Outside the fortifications, the Jewish suburb survives relatively intact with its original layout and component parts such as the synagogue, baths, and slaughter house.

The town-planning structures of the property are stabilized but there is, as in all living towns, a risk of development pressures, especially in the buffer zone.

Authenticity

Bardejov Town Conservation Reserve has preserved a high level of authenticity. Despite several major fires, mainly in the 16th and 17th centuries, its medieval urban form has been retained. Moreover, the housing stock

has survived with no major demolitions or additions. The dynamics of the town's roof landscape, destroyed in the last fire, has been restored by the systematic reconstructions which begun after 1967. Although some buildings have undergone alterations, most have retained their authentic interiors. Traditional uses for burghers' houses have also been retained or restored with business and service functions combined with residential use on the upper floors. The buildings, with their original materials, openings, decorations, and fittings, are well preserved. The Jewish suburb has also retained high authenticity, as reflected in its early 18th century road network, urban plots, buildings and open spaces. Parts of the fortifications have been demolished or, in the case of the moat, filled in. However, more than half of the fortifications are still intact and well maintained, and some of the towers are still in use.

A special value of the property lies in its present-day vitality and contemporary activities which do not compromise the historic substance, yet it needs to face the challenge of finding an appropriate use for the Jewish suburb as the town's Jewish population has diminished.

Protection and management requirements

The 24-ha property has the highest form of monument protection enabled by the national legislation. The Slovak Republic has adopted the special Act No. 176/2002 Coll. on the protection and development of the town of Bardejov that refers to the whole property. The Ministry of Culture and the Monuments Board of the Slovak Republic have the overall responsibility for the property's protection.

The property's protection is legislatively secured by the provisions of the Act No. 49/2002 Coll. on the protection of monuments and historic sites that refers to the protection of all cultural monuments and protected areas within the World Heritage property. In the sense of this act, the historic core of the town has been declared a town conservation reserve and most of the buildings, in both the historic centre and the Jewish suburb, are protected as national cultural monuments. The property's protection is strengthened by the declared buffer zone of the town conservation reserve that covers 13 ha and corresponds with the World Heritage buffer zone.

Property ownership includes a variety of religious institutions (such as Catholic, Protestant and Greek-Orthodox churches and the Central Union of the Jewish Religious Communities in Slovakia), government (municipal and State), and private individuals.

A regular system of monitoring has been established according to which the Outstanding Universal Value of the property is assessed and monitored, whilst measures for avoiding identified threats are taken.

All planned activities within the property must comply with the legally binding Principles of Conservation of Bardejov Town Conservation Reserve (2009) and are liable to strict assessment of the project documentation by the regional monuments office. The Principles of Conservation are respected by the provisions of the urban planning documentation as well as by the property's management plan. The management system is updated in order to create an efficient and coherent system of the property management. Bardejov Town Council conducts the property management in close cooperation with the local representative of the respective national authority, Regional Monuments Board Prešov.

State Party: Property	Slovakia: Vlkolínec
Id. N°	622rev
Date of inscription	1993

Brief synthesis

Vlkolínec is a 4.9 ha community forming an administrative part of the town of Ružomberok. It was historically referred to as a "street" of Ružomberok, yet is situated about 7 kilometres from the town itself, in the mountains of the northern part of central Slovakia. It is a remarkably well preserved rural medieval settlement featuring wooden architecture typical of hillside and mountain areas. Its layout, defined in part by the hilly terrain of the mountains of Veľká Fatra, features log houses situated on narrow lots with stables, barns and smaller outbuildings in the rear. A canalized stream flows through the centre of the village. The surrounding landscape is formed by narrow strips of fields and pastures with haylofts, protected from the north by the Sidorovo Hill.

Although the settlement has roots in the 10th century, its first records date to the late 14th century. The urban layout can be traced to this era as records indicate five streets in place by 1469. Most of the surviving buildings, however, date from the 19th century. These include 43 nearly intact homesteads that retain a multitude of archaic building elements, the Church of the Annunciation of the Virgin Mary built in 1875, a bell tower built in 1770, and a school.

The settlement and its surrounding landscape form a balanced urban unit with a significant interaction between nature and humans. Vlkolínec represents the region's best preserved and most complex urban unit of original folk

architecture consisting of wooden houses and outbuildings, the wooden bell tower and mural buildings of the church and school.

Criterion (iv): Vlkolínec is a remarkably intact rural settlement of a characteristic central European type with log-built architecture, which is often found in mountainous areas. The layout of the settlement has remained virtually unchanged and the architectural style has been fully retained. It is the best preserved and most comprehensive unit of its kind in the whole region.

Criterion (v): Vlkolínec is an outstanding example of a traditional Central European rural settlement, with 43 unaltered houses and ancillary buildings reflecting a multitude of archaic building elements, all set within a traditional farming landscape of strip fields which has become vulnerable due to the changed way of life.

Integrity

All important elements necessary to convey the Outstanding Universal Value are contained within the boundaries of the property and Vlkolínec's delimitation and size are appropriate. A row of buildings that was destroyed by fire during the Second World War have not been replaced. The buffer zone, which includes the surrounding fields and pastures, safeguards the property's main views and prevents inappropriate developments.

The property is vulnerable to the impacts of tourism interfering with the inhabitants' everyday life. The settlement's character has been affected by the increase of temporary residents acquiring property for recreational purposes. In addition, outbuildings are particularly at risk due to high vacancy rates and lack of appropriate uses.

Authenticity

The historic character of the whole settlement featuring unaltered wooden log houses has been preserved primarily due to its isolated location. Authenticity of form and design is apparent in the original architectural style that survives virtually unchanged. Authenticity of use and function has been affected by modifications to building interiors in order to correspond with current dwelling standards.

Protection and management requirements

The site has the highest form of monument protection enabled by the national legislation under the provisions of the Act No. 49/2002 Coll. on the protection of monuments and historic sites. In 1977 Vlkolínec was declared a Reservation of Folk Architecture which, in part, forbids any new construction. Most of the buildings within the site are protected as national cultural monuments. The site's protection is strengthened by the declared buffer zone (320.7 ha in size) and due to its location within the National Park of Veľká Fatra, it also falls under the provisions of the Act No. 543/2002 Coll. on the protection of nature and landscape. The overall responsibility for the preservation of the village and the surrounding area is vested with the Ministry of Culture and the Ministry of Environment of the Slovak Republic respectively.

All planned activities on the site are liable to strict assessment of the project documentation done by the Regional Monuments Board Žilina, office in Ružomberok. Principles of Care for Historic Monuments in the Vlkolínec Folk Architecture Reserve (1981, updated 1995) define appropriate conservation methods and techniques applicable for properties both within the reserve and its buffer zone. Change of use of buildings is only permitted if there are no material changes and must be approved by the regional monuments board.

The majority of the properties within the site are in private ownership. Notable exceptions are the approximately 10 properties owned by the local government (Ružomberok Municipality) and the church which is owned by the Roman Catholic Church.

The site is regularly assessed and monitored, and measures to prevent any potential threats are taken. The site management follows the Management Plan and is conducted by the Town Council of Ružomberok in close cooperation with the respective national authority, the Regional Monuments Board Žilina, Ružomberok office. To facilitate its effective protection and enhance the public awareness of the site's values, Vlkolínec has been granted a specific statute by the town of Ružomberok.

State Party: Property	Spain: Archaeological Ensemble of Mérida
Id. N°	664
Date of inscription	1993

Brief synthesis

The Archaeological Ensemble of Mérida, located in Extremadura, Spain, has its origins in the year 25 BC, when Augustus completed the conquest of the North of Hispania and founded the Colony of Augusta Emerita. The city was created as an idealised model of Rome and was the capital of Lusitania, the western-most province of the

Roman Empire. Following Diocletian's reform, it functioned as the capital of the Diocese of Hispania. It was also temporarily the royal seat of two Germanic peoples - the Suebi and the Visigoths - and under the Arabic dominion, Mérida was one of the three border capitals of Al-Andalus, together with Toledo and Zaragoza, ensuring control of the western part of the Iberian peninsula.

The modern city of Mérida has been built on top of Emerita; yet, archaeological remains are well preserved and still evidence the Roman city. The 22 component parts of the property comprise an area of 31 ha. These include buildings for entertainment (theatre and amphitheatre), public architecture of the Forum and other spaces of power (provincial forum), engineering works (bridges, the dyke, cutwater and clean and waste water systems), and religious buildings, such as the Temple of Diana or the Temple of Marte. The property also includes excellent examples of private architecture, such as the Casa del Anfiteatro, La Casa Basílica, or Casa del Mitreo, which represent daily life. Most of the elements are located within the walled area of the Roman colony, but some are found outside its walls, such as the dams, aqueducts or thermal baths of Alange, in a natural environment and a landscape that has remained comparable to the one of Roman times.

Mérida is an excellent example of a provincial Roman capital during the empire and in the subsequent years. Its historic development is evidenced until today in its street pattern and many constructions still have their original function (bridge, dyke, Arch of Trajano, dams, sewers, Aqueduct of San Lázaro, etc.) or have been rehabilitated for modern use, such as the Circus or Theatre, whose classical theatre festival dates back to the 1930s. The buildings for leisure form an outstanding ensemble with the amphitheatre, theatre, landscaped peristyle and circus. The aqueducts and other water management elements, in an excellent state of conservation, are recognised as being among the best examples from the Roman era. In addition, the historical evolution can be traced in representative buildings of other important periods of history, such as the reinforced walls of the Visigoth era, the Paleo-Christian basilicas of Santa Eulalia and Casa Herrera or Santa Lucia del Trampal, and the Alcazaba (fortress) and its outstanding aljibe (tank) from the Muslim era.

The remarkable conditions of the Archaeological Ensemble of Mérida allow the property to serve as a learning ground, with vast remains from Roman times and from the development of the city in subsequent times that illustrate the evolution of a European city over a 2000-year period.

Criterion (iii): The Archaeological Ensemble of Mérida is a remarkable example of a Roman city built according to all the Roman urban design rules. Mérida preserves an architecture that reflects its former role as capital in Roman and later eras.

Criterion (iv): The Archaeological Ensemble of Mérida is an outstanding example of public buildings of a major Roman provincial capital, both in its imperial heyday and its subsequent history.

Integrity

The remains of the Archaeological Ensemble of Mérida are remarkably well preserved and maintain material integrity. All component parts of the Archaeological Ensemble form a single whole as they preserve the main elements of the Roman colony, above which other monuments from the Visigoth or Muslim era were built, thus evidencing the amalgamation of different periods in history. The limited urban development of the city has allowed for the integrity of all the buried monuments to be preserved until they were excavated in the 20th century.

The archaeological monuments have been incorporated into the present-day city and are elements of the urban landscape. Despite the alterations over the centuries, they have all maintained their historical and scientific significance. Many of the constructions, such as the bridges or the theatre, still remain in use.

Authenticity

The different component parts of the Archaeological Ensemble of Mérida maintain their conditions of authenticity in regard to their form, design, materials, use and function. The Basilica of Santa Eulalia is a Visigoth construction, but also Romanesque, Gothic and Baroque, and is an example of a legacy adapted to the needs of different generations. The same applies to some stretches of the Guadiana Bridge, altered in the Middle Ages and modern times. In the 17th century, during the Spanish Empire, two Christian monuments were built with Roman marble that show the main signs of the city's historical identity: the Obelisk of Santa Eulalia and the small temple also devoted to this martyr, built with pagan altars and the remains of the Temple of Marte, respectively. Only in specific instances in the 20th century have the monuments been restored due to conservation needs or for ease of understanding, such as part of the block stands of the Amphitheatre and some of its vaults. The stage front of the theatre was rebuilt on an exceptional basis, but following anastylosis criteria. As a general rule, the state of conservation is remarkable since intervention policy only allows consolidation works but no reconstruction.

Protection and management requirements

The Archaeological Ensemble of Mérida is legally protected by Law 16/1985 on Spanish Historical Heritage and Law 2/1999 on Extremadura's Historical and Cultural Heritage and the Special Protection Plan for the Historical and Archaeological Ensemble of Mérida, a specific protection regulation passed under the protection of the aforementioned laws and contained in Title IX of the Mérida General Town Planning Plan (published in the Official Journal of Extremadura, Supplement E of N.º 106, of 12 September 2000).

The Consortium "Monumental, Historical-Artistic and Archaeological City of Mérida" has the overall responsibility for the management of the Archaeological Ensemble of Mérida. This is a public entity with its own legal status made up of all the administrations with authority in heritage conservation matters, such as the Regional Government of Extremadura, the Spanish Ministry for Culture, Mérida City Council and Badajoz Provincial Government; this entity succeeded the former Board of the Monumental City of Mérida.

The Consortium of the Monumental City of Mérida has a budget and an action plan to carry out preservation work and improvements of the Archaeological Ensemble each year. It also holds comprehensive action plans for the various monuments of the Ensemble to ensure the preservation of its significance.

At the time of the inscription of the Archaeological Ensemble of Mérida, town planning was the main threat. However, the urban development has been addressed through the enforcement of the archaeological heritage protection regulations contained in the Special Protection Plan for the Archaeological Ensemble of Mérida. All the public institutions firmly support the conservation of the Archaeological Ensemble, contributing funding through the Consortium. Thanks to the work of this entity and the former Board, there is a high level of citizen awareness in support of Mérida's heritage.

State Party: Property	Spain: Burgos Cathedral
Id. N°	316
Date of inscription	1984

Brief synthesis

The Burgos Cathedral is located in the historical centre of the Spanish city of the same name, in the Autonomous Community of Castilla y León, in the northern Iberian Peninsula. The inscribed property encompasses 1.03 ha.

Construction on the Cathedral began in 1221 and was completed in 1567. It is a comprehensive example of the evolution of Gothic style, with the entire history of Gothic art exhibited in its superb architecture and unique collection of art, including paintings, choir stalls, reredos, tombs, and stained-glass windows.

The plan of the Cathedral is based on a Latin Cross of harmonious proportions of 84 by 59 metres. The three-story elevation, the vaulting, and the tracery of the windows are closely related to contemporary models of the north of France. The portals of the transept (the Puerta del Sarmental to the south and the Puerta de la Coronaría to the north) may also be compared to the great sculpted ensembles of the French royal domain, while the enamelled, brass tomb of Bishop Mauricio resembles the so-called Limoges goldsmith work. Undertaken after the Cathedral, the two-storied cloister, which was completed towards 1280, still fits within the framework of the French high Gothic.

After a hiatus of nearly 200 years, work resumed on the Burgos Cathedral towards the middle of the 15th century and continued for more than 100 years. The work done during this time consisted of embellishments of great splendour, assuring the Cathedral's continued world-renown status. The workshop was composed of an international team, and among the most famous architects were Juan de Colonia, soon relieved by his son Simon (responsible for the towers and open spires of the facade, the Constable's chapel, and the Saint Anne's chapel) and Felipe de Borgoña, assisted by numerous collaborators (responsible for the choir, cupola, and lantern tower over the transept crossing). When two of these architects, Juan de Vallejo and Juan de Castañeda, completed the prodigious cupola with its starred vaulting in 1567, the Burgos Cathedral unified one of the greatest known concentrations of late Gothic masterpieces: the Puerta de la Pellejería (1516) of Francisco de Colonia, the ornamental grill and choir stalls, the grill of the chapel of the Presentation (1519), the retablo of Gil de Siloe in the Constable's chapel, the retablo of Gil de Siloe and Diego de la Cruz in Saint Ann's chapel, the staircase of Diego de Siloe in the north transept arm (1519), the tombs of Bishop Alonso de Cartagena, Bishop Alonso Luis Osorio de Acuña, the Abbot Juan Ortega de Velasco, the Constable Pedro Hernández de Velasco and, his wife Doña Mencía de Mendoza, etc.

Thereafter, the cathedral continued to be a monument favoured by the arts: the Renaissance retablo of the Capilla Mayor by Rodrigo and Martin de la Haya, Domingo de Berriz, and Juan de Anchieta (1562-1580), the tomb of Enrique de Peralta y Cardenas in the chapel of Saint Mary, the chapel of Santa Tecla, and the "trascoro" of the 18th century.

Criterion (ii): Burgos Cathedral has exerted, at different times throughout history, a considerable influence on the evolution of architecture and the arts. The Cathedral played an important role in the diffusion of the forms of 13th-century, French Gothic art in Spain. The internationally important Cathedral's workshop in the 15th and 16th centuries, where artists from the Rhineland, Burgundy, and Flanders trained Spanish architects and sculptors, created one of the most flourishing schools at the end of the Middle Ages. The Cathedral's also served as a model

throughout the 19th century, i.e. the French architect Garnier was inspired by the staircase of Diego de Siloe when he created that of the Opera in Paris.

Criterion (iv): Burgos offers a celebrated example of an integral Gothic cathedral with its chapels, cloister, and annexes. Built over more than four centuries, the Cathedral bears testimony to the creative genius of architects, sculptors, and craftsmen throughout these periods.

Criterion (vi): Burgos Cathedral, with the tomb of El Cid and his wife Doña Jimena, is intimately linked to the history of the Reconquista and Spanish unity. Several members of the early royal house of Castile rest beneath the main altar. The memory of Saint Ferdinand is linked to the construction of this symbolic monument of the Spanish monarchy.

Integrity

The property contains all key attributes to express its Outstanding Universal Value. The monument has been maintained as an integral Gothic cathedral, with chapels, cloister, and annexes; and is an extraordinary summary of European Gothic influences, which can be admired in every component of the structure, from the facades and chapels to the stained glass windows and sculptures. Regular works of maintenance have helped to sustain the material integrity of the monument. There are no negative effects from urban development, since it is legally protected at the highest level of Spanish law, with every action strictly controlled to preserve the Outstanding Universal Value of the property.

Authenticity

The Burgos Cathedral retains all the key features of authenticity in respect to location, materials, form, and design. Over time, continuous maintenance works have taken place under control and supervision of the Administration Departments in charge of protection and conservation of Cultural Heritage. The basis for these interventions is set out in the Director Plan. Regular restoration works in different parts of the monument have been undertaken, as well as several studies – including chemical and microclimatic analyses, and on the deterioration of the materials, especially the stone, due to dampness – in order to maintain the extraordinary cultural value of the monument. As a result, the authenticity of the Burgos Cathedral has been preserved.

Protection and management requirements

The protection and management of Burgos Cathedral is under the responsibility and supervision of the Junta de Castilla y León, through the General Directorate of Cultural Heritage, and the Cathedral Chapter as the owner of the property.

Any intervention on the Cathedral requires administrative authorisation according to the current Cultural Heritage Laws (Law 12/2002, 11 July, of Cultural Heritage of Castilla y León y Decree 37/2007, 19 April, that approves the Rules for the Protection of Cultural Heritage in Castilla y León and Law 16/1985, 25 June, of Spanish Historic Heritage). As a result, the Commission for Cultural Heritage of Castilla y León must approve all projects concerning the Cathedral prior to initiation.

The Burgos Cathedral has a Director Plan used as an instrument to analyse and plan any needed interventions for its adequate conservation. The Plan guarantees the constant maintenance of the Cathedral.

In respect to urban planning, a Special Plan for the Protection of the Historic City includes all the monumental surroundings of the Cathedral, which also overlaps with the surroundings of the Route of Santiago de Compostela. The Special Plan sets out the regulations for this area, with strict guidelines for general, urban development and for the uses of buildings in this area. In particular, the protection level of the Cathedral in this Plan is fully comprehensive, and the authorized actions are: consolidation, restoration, and conservation, as well as the use of adaptations that do not result in deterioration or irreversible interventions.

State Party: Property	Spain: Historic Centre of Cordoba
Id. N°	313bis
Date of inscription	1984, 1994

Brief synthesis

Founded by the Romans in the 2nd century BC near the pre-existing Tartesian Corduba, capital of Baetica, Cordoba acquired great importance during the period of Augustus. It became the capital of the emirate depending on Damascus in the 8th century. In 929, Abderraman III established it as the headquarters of the independent Caliphate. Cordoba's period of greatest glory began in the 8th century after the Moorish conquest, when some 300 mosques and innumerable palaces and public buildings were built to rival the splendors of Constantinople,

Damascus and Baghdad. In the 13th century, under Ferdinand III, Cordoba's Great Mosque was turned into a cathedral and new defensive structures, particularly the Alcázar de los Reyes Cristianos and the Torre Foraleza de la Calahorra, were erected.

The Historic Centre of Cordoba now comprises the streets surrounding the Great Mosque and all the parcels of land opening on to these, together with all the blocks of houses around the mosque-cathedral. This area extends to the other bank of the River Guadalquivir (to include the Roman bridge and the Calahorra) in the south, to the Calle San Fernando in the east, to the boundary of the commercial centre in the north, and incorporating the Alcázar de los Reyes Cristianos and the San Basilio quarter in the west.

The city, by virtue of its extent and plan, its historical significance as a living expression of the different cultures that have existed there, and its relationship with the river, is a historical ensemble of extraordinary value. It represented an obligatory passage between the south and the "meseta", and was an important port, from which mining and agricultural products from the mountains and countryside were exported.

The Historic Centre of Cordoba creates the perfect urban and landscape setting for the Mosque. It reflects thousands of years of occupation by different cultural groups – Roman, Visigoth, Islam, Judaism and Christian-, that all left a mark. This area reflects the urban and architectural complexity reached during the Roman era and the splendour of the great Islamic city, which, between the 8th and the 10th centuries, represented the main urban and cultural focus in the western world. Its monumental richness and the unique residential architecture stand out. There are still many ancestral homes and traditional houses. The communal houses built around interior courtyards (casa-patio) are the best example of Cordoban houses. They are of Roman origin with an Andalusian touch, and they heighten the presence of water and plants in daily life.

The Great Mosque of Cordoba represents a unique artistic achievement due to its size and the sheer boldness of the height of its ceilings. It is an irreplaceable testimony of the Caliphate of Cordoba and it is the most emblematic monument of Islamic religious architecture. It was the second biggest in surface area, after the Holy Mosque in Mecca, previously only reached by the Blue Mosque (Istanbul, 1588), and was a very unusual type of mosque that bears witness to the presence of Islam in the West. The Great Mosque of Cordoba was also very influential on Western Islamic art since the 8th century just as in the neo-Moorish style in the 19th century.

Concerning architecture, it has represented a testing ground for building techniques, which have influenced both the Arabic and Christian cultures alike since the 8th century.

It is an architectural hybrid that joins together many of the artistic values of East and West and includes elements hitherto unheard-of in Islamic religious architecture, including the use of double arches to support the roof. The direct forerunners to this can be found in the Los Milagros (Miracles) Aqueduct in Merida. Its building techniques - the use of stone with brick - were a novelty reusing and integrating Roman/Visigoth techniques. Also it included the "honeycomb" capital, which differs from the Corinthian capital, characteristic of caliph art. Subsequently, this was to greatly influence all Spanish architecture. Likewise the combination of the ribbed vault, with a system of intertwined poli ovulate arches gives stability and solidity to the ensemble, and it represents a first class architectural milestone a hundred years before the ribbed vault appeared in France.

Criterion (i): The Great Mosque of Cordoba, with its dimensions and the boldness of its interior elevation, which were never imitated, make it a unique artistic creation

Criterion (ii): Despite its uniqueness, the mosque of Cordoba has exercised a considerable influence on western Muslim art from the 8th century. It influenced as well the development of "Neo-Moresque" styles of the 19th century.

Criterion (iii): The Historic Centre of Córdoba is the highly relevant testimony to the Caliphate of Cordoba (929-1031): this city - which, it is said, enclosed 300 mosques and innumerable palaces - [was] the rival of Constantinople and Baghdad.

Criterion (iv): It is an outstanding example of the religious architecture of Islam.

Integrity

The Great Mosque of Cordoba was inscribed on the World Heritage List in 1984 and the property was extended in 1994 to include part of the Historic Centre, the Alcázar (the fortress), and extending south to the banks of the River Guadalquivir, the Roman Bridge and the Calahorra Tower. The total area encompasses 80.28 ha.

The Historic Centre of Cordoba maintains its material integrity and there are no elements threatening it. The Centre maintains a unitary character due to the urban areas and historic buildings there, with a large number of protected buildings with adequate conditions of conservation and use.

The Great Mosque, with its juxtaposition of cultures and architectural styles, has retained its material integrity. It was built in the 8th century, over the remains of the Visigoth Basilica of San Vicente. There were consecutive extensions carried out over three centuries, and in 1236 the Christian Cathedral was installed. The greatest reconstruction was carried out in the Renaissance period, between 1523 and 1599, which resulted in its present structure of space. Its continued religious use has ensured in large part its preservation.

Authenticity

The property maintains conditions of authenticity expressed through the presence of the urban fabric and the historic buildings, where there have been hardly any urban renovations, and where layout and form has been maintained. Córdoba has grown organically and continuously over two millennia. As a result, many of its buildings bear witness to the successive changes in taste and style, reconstruction following destruction and changes in

use. However, the townscape has maintained an authenticity of its own. There is still a high level of building traditions and techniques, situation and surroundings, that are reflected in the presence of the urban areas, historic buildings, the image and the treatment of the public spaces. Other monuments included in the area, belonging to different styles and timelines, hold a high degree of authenticity of shape, design, materials and uses, which can be added to the great number of architectural types: ancestral homes, casa-patios, corrales (tenement houses) etc.

The Great Mosque has fully maintained its authenticity in terms of its shape, design, materials, use and function. The juxtaposition of styles bestows an indisputable authenticity and adds originality. An example of the material assimilation and the proof of authenticity of the monument is the way old Roman and Visigoth columns were reused in Islamic architecture.

Protection and management requirements

There is a legal framework in place to ensure the protection of the property, basically provided by the State Law 16/1985 of Spanish Historical Heritage and the Law 14/2007 of Historic Heritage of Andalusia. The Regional Government of Andalusia is the authority responsible for the safeguarding of the property and for heritage protection. The Town Council, as the closest authority, is responsible for developing urban planning policies and strategies to protect and enhance the property. There is also a Municipal Office for the Historic Centre with specialized technicians and administrative personnel to manage the guardianship and to promote the Historic Centre of Cordoba.

The inscribed area forms part of the larger "Historic Ensemble" of Cordoba, which is protected by heritage legislation. The Historic Ensemble has an overall protected area of 246 ha and is protected through the Special Plan of Protection and Catalogue. The 80.28 ha corresponding to the World Heritage property represent 32% of the historic ensemble.

Unique buildings have the maximum level of protection existing in Heritage Legislation, as they have been declared Property of Cultural Interest under the category of Monuments.

The Special Plan of Historic Ensembles establishes the protection conditions for maintenance of the urban structure, types and traditional image, and includes an extensive catalogue in which 119 individual monuments and 513 buildings are registered, and another 1163 plots are protected as "catalogued ensembles". The Special Protection Plan proposed specific actions for urban restoration. These include the remodelling of the Monumental Axis and the visitor reception centre next to the Mosque, improving the connection of the historic centre with the different installations which are being set up on the left bank of the River Guadalquivir: a Congress centre, a Contemporary Art Museum, the water mills, the future Fine Arts Museum, etc. Likewise, the special plans for the monumental ensemble of the Christian Fortress, Royal Stables and the River Guadalquivir are to improve the visual and symbolic setting when contemplating the historic façade from the riverbank. The Plan of Accessibility will be centred on the re-planning of public spaces. Many of these actions will need to be integrated into a World Heritage Management Plan to be drawn up by the Town Council.

State Party: Property	Spain: Monastery and Site of the Escorial, Madrid
Id. N°	318
Date of inscription	1984

Brief synthesis

Built at the end of the 16th century, the Escorial Monastery stands in an exceptionally beautiful site at the foothills of the Sierra de Guadarrama, north of Madrid. It was the retreat of a mystic king, Philip II, and became in the last years of his reign the centre of the greatest political power of the time.

Philip II founded the monastery in 1563 as a votive monument and pantheon to the Spanish monarchs from the Holy Roman Emperor Charles V onwards. Its design, which is complex yet also simple, was created by Juan Bautista de Toledo, Spanish pupil of Michelangelo during the works of the Vatican Basilica, and completed by Juan de Herrera after Toledo's death.

The royal site includes the monastery, a stone complex of extraordinary dimensions surrounded by formal gardens and the monks' gardens, the House of Trades, and the Company Quarters where the palace and monastery services were accommodated. In the 18th century, the new Houses of Trades were built, completing the Lonja (the stone esplanade), and, consequently, a small town arose around the monastery, becoming a model of the Enlightenment, accommodating the court as well as the two country villas for Charles III's sons.

Within the monastery's massive volume, there is an ensemble of different buildings: the monastery, the church, the royal palace, the school, the seminary, and the royal library, brilliantly organised around eleven main

courtyards and three service courtyards. Some say, the design is similar to that of the grill, the instrument used for St Lawrence's martyrdom. Its austere architecture, a sparsely ornate style, known as "herreriano", was a break with previous styles, and had a deep influence on Spanish architecture for more than half a century. Notwithstanding, several rooms do have a very rich and sublime decoration. Contemporary writers praised it as one of greatest paradigms of the arts: the "Eighth Wonder".

The Royal Monastery and Site of St Lawrence of the Escorial is the monument that symbolises the ideological and artistic expression that inspired and represented the Spanish Catholic Monarchy during the Golden Age, between the 16th and 17th centuries, as well as its permanence until the end of the Ancien Régime.

Criterion (i): The Monastery and Site of the Escorial, Madrid, represents a masterpiece of human creative genius, where the great collective work of important artists were subject to the will and orders of the historic figure of King Philip II.

Criterion (ii): The Monastery and Site of the Escorial expresses an important interchange of human values, and symbolises the ideological and artistic expression that influenced developments in architecture, monumental arts, and landscape design during the Spanish Golden Age. The architectural ensemble is an example of the palace convents and their urban and landscape design built by the European Christian monarchies. Its final layout of the 18th century makes it one of the most representative examples of the Real Sitio – the courtiers' residential town – developed by the monarchy as a seat and reflection of its power.

Criterion (vi): The Monastery and Site of the Escorial, Madrid is directly associated with very important historic personalities in European history and the world, such as the Holy Roman Emperor Charles V and all his descendants from the House of Austria and the House of Bourbon who occupied the Spanish throne, in particular Philip II. It embodied, in an exemplary way, the ideology of the society and the austere pomp and ceremony with which its divine and worldly majesty was represented.

Integrity

The inscribed property encompasses an area of 94 ha. The original constructions built during Philip II's reign – the main building of the Monastery and the Houses of Trades – as well as those built under Charles III's reign, in the 18th century, which made up the new town that constituted the Royal Site of St Lawrence, remain completely intact. The unified character of the buildings built during Philip II's reign was preserved two centuries later thanks to the talent of the royal architect, Juan de Villanueva, since this monument was an example of an absolute architectural model for the academicians of the Enlightenment.

The transformation of the majority of pasture lands, that made up the royal woods during the 19th century, and the town's development in the 19th and 20th centuries have not had an adverse effect on the conservation of the monument or its perceived image. The natural landscape of the estate of the Herrería, the natural surroundings closest to the monument, are under the protection of National Heritage.

Authenticity

The geographical location and the heterogeneous landscape of the monument have been maintained. Both the original constructions built during Philip II's reign, as well as those built under Charles III's reign, are conserved fully respecting the design, layout, interplay of open spaces and closed volumes, materials, and the ensemble's spirit. The formal expression of the monument in itself contributes to keeping this spirit alive.

The functional dynamism of the main building, designed for the coexistence of life in the monastery and the court, is perpetuated today in the compatibility of its present functions: religious – Augustinian Fathers have run the monastery since the 19th century; educational – through the Real Colegio founded by Alphonse XII in 1875; and for cultural research and museum studies.

Protection and management requirements

The general framework for the protection and management of the monuments is mainly established by the law 23/1982 which regulates the Spanish National Heritage Board and includes the Royal Palace – Monastery, the Casita del Príncipe, with its vegetable garden and agricultural land, the Casita de Arriba, the Houses of Trades, and the Queen's and Infantes' quarters. The Board is responsible for the protection, conservation, and enhancement of the properties and rights of National Heritage as well as the patronage of the Real Patronato del Monasterio de San Lorenzo de El Escorial.

The ensemble of buildings is still administered by the Consejo de Administración de Patrimonio Nacional (Spanish National Heritage Board), a body which inherited the Crown's Heritage, and which has under its protection the most important monuments of the Royal Foundation, maintaining its unified character. Given its mandate, the Board is responsible for safeguarding the coherence between the different elements, favouring the use of traditional materials and building techniques depending on each case. To this effect, it carries out intervention and conservation projects in real estate and chattel, including implementing nature conservation plans. The Plan de Protección Medioambiental del Bosque de la Herrería (Environmental Protection Plan of the Herrería Woods) will be the main planning tool to protect the immediate natural surroundings of the property.

Additional regulations offer different degrees of protection and strengthen the conservation of the monument and its surroundings, the latter being one of the most vulnerable aspects due to the threat posed by urban development.

The different properties are listed in the Spanish State's Heritage Inventory as monuments, historic garden or historic ensemble, depending on the corresponding category of each element.

On a regional level, the Government of the Autonomous Community of Madrid has classified the Royal Site as a Property of Cultural Interest (*BIC, Bien de Interés Cultural*) under the category of Historic Territory as part of the Cerca Histórica de Felipe II (the surrounding land fenced off by Philip II). The Regional List of Species of Wildlife at Risk also protects trees that are considered to be exceptional.

On a local level, the elements of the property are registered in the Local Authorities' Protection Inventories.

In terms of territorial planning, the Plan de Ordenación de Recursos Naturales de la Sierra de Guadarrama (Sierra de Guadarrama's Natural Resources Plan) seeks to guarantee its conservation, preventing random, massive, or disturbing urban development, and to link the conservation of the historical heritage with the conservation of the environment.

The protection and management of the property and its surroundings will continue through a global, integrated, and inter-disciplinary approach in which the methodology of preventive conservation will be included and significance of the architectural ensemble and its surroundings will be protected in balance with the needs and evolution of society.

Etat partie: Bien	Spain: Monuments d'Oviedo et du royaume des Asturies
N° Id.	312bis
Date d'inscription	1985

Brève synthèse

Au IX^e siècle, la flamme de la chrétienté a été entretenue dans la péninsule Ibérique dans le petit royaume des Asturies où est apparu un style novateur d'architecture préromane qui a joué un rôle important dans l'évolution de l'architecture religieuse de la péninsule. Les églises de Santa María del Naranco (édifiée entre 842-850, sous Ramire I^{er}), San Miguel de Lillo (également édifiée sous Ramire I^{er}), Santa Cristina de Lena (construite vers 850), la Cámara Santa de la cathédrale d'Oviedo et San Julian de los Prados (populairement baptisée "Santullano" et érigée sous Alphonse II, entre 791-842), situées dans la capitale Oviedo et aux alentours, en sont les illustrations les plus représentatives. L'ensemble comprend également la remarquable structure d'ingénierie hydraulique connue sous le nom de La Foncalada, qui date probablement de la première moitié du IX^e siècle.

Du point de vue historique, ce groupe d'édifices témoigne des racines et des traditions culturelles propres au royaume des Asturies.

La Foncalada est un témoignage remarquable, et toujours fonctionnel, de l'architecture hydraulique du haut Moyen Age, basée sur des modèles romains. Santa María del Naranco prend racine dans l'architecture de l'Antiquité tardive et paléobyzantine, comme en témoignent non seulement ses motifs décoratifs et iconographiques, mais encore le design de ses façades. San Miguel de Lillo conserve une décoration attestant d'un répertoire complet des traditions, reflété dans la première sculpture originale du royaume des Asturies. La Cámara Santa de la cathédrale d'Oviedo est une construction de deux étages relevant des édifices funéraires de la Rome classique. En effet, la Cámara Santa témoigne de ces modèles romains, repris par l'architecture paléochrétienne pour ses sanctuaires martyriaux. Finalement, l'église Santa Cristina de Lena est un cas unique de l'architecture préromane des Asturies, en raison de sa distribution intérieure et de son plan.

Dans l'ensemble, ces constructions asturiennes de petites dimensions et d'une superficie totale de 815,72 m², partagent presque toutes les caractéristiques de l'architecture européenne de l'époque: coexistence de multiples propositions typologiques, un certain compartimentage spatial, dont témoigne le tracé extérieur, du matériel visant le camouflage, une tendance à la pénombre intérieure, une décoration hétérogène, basée sur le répertoire de l'Antiquité tardive. Pour la plupart, ces caractéristiques sont dues à leurs promoteurs: des communautés monastiques de dimensions réduites.

Critère (i) : L'architecture préromane asturienne représente une réalisation artistique unique qui n'est ni un avatar de l'art paléochrétien, ni un faciès de l'art carolingien. Ces églises de plan basilical, entièrement voûtées, faisant usage de colonnes au lieu de piles, véhiculent dans leur très riche décoration des trouvailles arabes aussi bien que des formes qui les apparentent aux grands sanctuaires d'Asie Mineure.

Critère (ii) : Les monuments asturiens ont exercé une influence déterminante sur le développement de l'architecture médiévale dans la péninsule Ibérique.

Critère (iv) : Les palais et églises des environs d'Oviedo offrent un témoignage éminent sur la civilisation du petit royaume chrétien des Asturies, à l'époque de la splendeur de l'émirat de Cordoue.

Intégrité

Ces monuments préromans constituent un ensemble représentatif des églises et édifices non cultuels de ce style artistique que conservent les Asturies. Chacun des six éléments inscrits sur la Liste du patrimoine mondial illustre un aspect particulier du préroman asturien.

L'état de conservation et l'entretien varient d'un monument à l'autre. Les pressions dues au développement et à leur utilisation liturgique, en ce qui concerne les églises, sont constantes.

Authenticité

Santa María del Naranco est une ancienne résidence royale à deux niveaux, où les fouilles de 1930-1934 ont révélé l'existence de bains dans l'une des salles basses. Transformé en église entre 905 et 1065, ce palais ramirien de plan rectangulaire, flanqué d'escaliers extérieurs au nord et d'un balcon au sud, s'ouvrait largement à l'est et à l'ouest par des sortes de loggias, véritables miradors régnant sur une travée et percés sur trois faces. Elle jette ses racines dans l'architecture de l'Antiquité tardive et paléobyzantine, comme en témoignent non seulement ses motifs décoratifs et iconographiques, mais encore le design de ses façades.

San Miguel de Lillo, conçue dès l'origine pour être une église, ne conserve que les deux premières travées, admirablement équilibrées, d'un édifice ambitieux dont la parenté avec le palais du Naranco est évidente. Elle conserve une décoration attestant un répertoire complet des traditions, reflété dans la première sculpture originale du royaume des Asturies.

Bien qu'il s'agisse de la chapelle d'un domaine royal d'Ordoño I^{er}, Santa Cristina de Lena est une réduction harmonieuse mais plus modeste de ces créations exceptionnelles, et représente la phase ultime de l'incomparable architecture asturienne entre 850 et 866. San Julián de los Prados possède une décoration sculpturale est minimale, puisqu'elle ne se compose que d'une série d'arcs comptant huit chapiteaux, probablement la réutilisation d'une structure wisigoth. Les murs intérieurs sont couverts de peintures. La plupart des celles des murs nord et sud ont disparu au fil du temps, mais il en reste suffisamment pour permettre de déchiffrer l'iconographie, en grande partie de type classique, sans pour autant permettre son interprétation complète.

Concernant les églises San Julián de los Prados et Santa María de Naranco, la totalité des édifices est conservée dans l'état d'origine, à l'exception de transformations ou de modifications ponctuelles survenues avec le temps. Ainsi, San Julián de los Prados ne conserve qu'une seule entrée praticable, par le porche ouest, alors qu'à l'origine, cette église comptait quatre autres portes. Quant à Santa María del Naranco, la principale modification concerne la disparition d'un oriel à levé double, qui était adossé à la façade sud, et dont on ne conserve que le plan et le début des fondations inférieures.

La Cámara Santa de la cathédrale d'Oviedo et l'église Santa Cristina de Lena ont subi des changements, notamment en ce qui concerne leurs systèmes de couverture. Concernant la Cámara Santa, sa toiture en bois fut démontée au XII^e siècle et remplacée par une voûte en berceau soutenue par des arcs-doubleaux reposant sur des colonnes dont les fûts sont sculptés d'apôtres et considérés comme un des sommets de la sculpture romane espagnole. Concernant Santa Cristina de Lena, une importante réhabilitation y fut menée de 1892 à 1893. Celle-ci entraîna la reconstruction de la voûte de la nef en fonction d'arguments archéologiques bien fondés.

C'est l'église San Miguel de Lillo qui a connu sa transformation la plus importante. A la fin du XI^e siècle, l'édifice tombe partiellement en ruine. Seul un tiers de sa structure originale est conservé : le secteur ouest de l'édifice. Au XII^e siècle, il fut complété par une chapelle orientale aux traits plutôt grossiers.

Les différentes églises jouent occasionnellement un rôle pastoral, notamment Santa Cristina de Lena, San Miguel de Lillo et Santa María de Naranco. Comme église paroissiale, San Julián de los Prados joue ce rôle en permanence. La Cámara Santa de la cathédrale, qui comprend deux étages, conserve son rôle funéraire dans la dite crypte de Santa Leocadia. Son premier étage a été aménagé en reliquaire de la cathédrale d'Oviedo.

La Foncalada conserve les trois éléments intégrant l'édifice : le bassin, l'édicule et le canal, grâce aux fouilles archéologiques menées ces derniers temps et qui ont permis de rendre à l'édifice sa grandiose monumentalité. C'est un témoignage toujours fonctionnel de l'architecture hydraulique du haut Moyen Âge.

La plupart des bâtiments historiques présentent un degré acceptable d'authenticité, en dépit de la nécessité de restauration après le soulèvement de 1934 et la guerre civile.

Éléments requis en matière de protection et de gestion

Toutes les constructions préromanes bénéficient de la plus haute protection patrimoniale établie par la législation espagnole. Ainsi, toutes sont classées Bien d'intérêt culturel. En outre, le périmètre de protection des monuments

occupe une superficie de 660,13 ha. Les constructions bénéficient d'une protection qui établit que toute intervention pouvant être menée dans cet espace requiert l'autorisation préalable de l'administration compétente en matière de protection du patrimoine culturel, en l'occurrence, l'administration régionale de la Principauté des Asturies.

Les biens préromans appartiennent à l'Eglise catholique, à l'exception de La Foncalada, propriété municipale, qui appartient à la mairie d'Oviedo.

Les administrations compétentes en matière de gestion patrimoniale, soit les administrations de l'Etat, des régions autonomes et de la municipalité, outre l'Archevêché d'Oviedo, ont étendu leur collaboration en 2010 avec, notamment, la signature d'une "Convention pour la conservation des monuments préromans des Asturies" (datée du 19 juillet 2010). Celle-ci engage toutes les parties à lancer des interventions concrètes en matière de conservation, réhabilitation, recherche et amélioration des domaines de protection de chaque monument, aussi bien les interventions concrètes (dont la réhabilitation des édifices), que l'amélioration de leur protection légale, basée sur l'adaptation des lois municipales en matière d'urbanisme à une meilleure protection des monuments préromans. Cette convention, premier pas concret visant une gestion coordonnée des monuments préromans, devrait être maintenue en vigueur. En outre, ses objectifs devraient être élargis, de telle sorte que toute la gestion des visites touristiques de ces monuments soit correctement contrôlée et coordonnée.

State Party: Property	Spain: Mudéjar Architecture of Aragon
Id. N°	378bis
Date of inscription	1986

Brief synthesis

The development in the 12th century of Mudéjar art in Aragon resulted from the particular political, social, and cultural conditions that prevailed in Spain after the Reconquista. Geographically, Aragonese Mudéjar art can be found mainly along the Ebro river valley and its southern tributaries in the northeast Iberian Peninsula. From a historical point of view, this artistic genre belongs to a lengthy period that lasted from the 12th to 17th century. Mudéjar art is an artistic phenomenon that does not belong entirely to the cultures of Western Europe or Islam. Rather, it constitutes an authentic testament to the peaceful co-existence in medieval Spain of Christianity and Islam with contributions from Jewish culture, the fruit of which was a new form of artistic expression. This art, influenced by Islamic tradition, also reflects various contemporary European styles, particularly the Gothic.

The property comprises ten religious and secular monuments in the provinces of Teruel and Zaragoza. They include: the tower, roof, and cimborio of the Cathedral of Santa María de Mediavilla de Teruel; the tower and church of San Pedro de Teruel; the church tower of San Martín de Teruel; the church tower of Salvador de Teruel; the apse, cloister, and tower of the collegiate church of Santa María de Calatayud; the parish church of Santa Tecla de Cervera de la Cañada; the church of Santa María de Tobed; the surviving Mudéjar features of the Aljafería Palace of Zaragoza; the tower and parish church of San Pablo de Zaragoza; and the apse, parroquieta, and cimborio of la Seo de Zaragoza.

The Mudéjar architecture of Aragon is, on account of the formal solutions adopted and the techniques and materials of construction employed, a specific and extraordinary legacy, as well as a vivid reflection of a moment in history when three cultures with very different roots flourished together on Aragonese soil. Decorative motifs from a great variety of traditions can be seen in the ten monuments that make up this property including: Greco-Roman, Byzantine, Sassanid, Seljuq, Berber, and Visigoth among others. Thus, we can identify in these Aragonese monuments the rhombus-shaped mouldings (sebqa), stars, angled and interlaced brick friezes, arrows, lobed and multi-grooved arches, as well as elements of construction characteristic of Islamic art such as alfiz panels, decorated eaves (rafes), and lattice work. Other structures employed include Almohade-style minarets for the belltowers, collar beam roofs, and Moamar-style carved ceilings to cover various spaces. The materials employed, which are very varied in Aragon, were typical of Islamic art. These include brick, ceramics, plaster, and wood; all materials that are generally not very durable over time. Such materials were used as to follow the Islamic philosophy that everything is transitory and impermanent but for Allah, the only being that exists eternally.

The ten inscribed component parts are the most representative and reflect best this particular historic and cultural phenomenon, symbolising pacific cultural coexistence and the exchange of knowledge and experiences. Undoubtedly, the monuments that make up this historical legacy are silent witnesses to a key moment in the history of Spain, in which its inhabitants, despite their different beliefs, were able to live side by side in peace.

Criterion (iv): The Mudéjar Architecture of Aragon is an eminently representative example of a type of construction with a unique technology developed over the course of several centuries (12th to 17th) thanks to the co-existence of cultures and the combination of forms and building methods employed by Christians, Muslims,

and Jews, through the exchange of their knowledge and experience. It expresses the evolution of Mudéjar construction techniques in both structural and formal terms and symbolises the integration of a range of art forms (architecture, ceramics, woodcutting, and painting) as an aesthetic process of approximation to beauty.

Integrity

Mudéjar architecture developed in a concrete time period that lasted from the time of the decision that permitted the Mudéjars to stay in the Kingdom of Aragon in the 12th century until their definitive expulsion at the beginning of the 17th. The architectural forms and the unitary character of the Mudéjar tradition as a historical and cultural reality employ a wide range of techniques: painting, plasterwork, silver and gold ornamentation, woodwork, and ceramics are preserved within the inscribed component parts.

The historical and social factors in the 17th century led to a decline of the Mudéjar tradition and its replacement by other artistic movements such as the Renaissance and Baroque. Many aspects of this genuinely Aragonese, artistic form survived from the 18th century until the present day, giving rise to a new artistic style called Neomudéjar. The nine religious buildings are still in use today, and thus have been maintained and restored in an excellent state of conservation. In the case of the Aljafería Palace of Zaragoza, the use of part of the building for other functions did have an impact on large sections of the structure. Fortunately, the Mudéjar section was the part that was least affected. Due to the respectful restoration work carried out at the end of the last century, the Mudéjar elements have survived intact. Generally speaking, Mudéjar architecture is particularly vulnerable to various causes of deterioration, including climatic and human factors. The continuous use of nine monuments by the Church and the use by the Parliament of Aragon of the Aljafería Palace as its Council Chamber ensures their continued conservation and overall protection from threats. However, this continued use can also generate problems related to uncontrolled changes and alterations. Therefore, provisions in management and conservation plans are crucial to guarantee adequate conservation. In addition, the component parts need to be considered in relation to the surrounding built environment. Enforcement of regulatory measures that have been included in the respective cultural laws and urban planning tools will be essential to guarantee that the relationship between the monuments and their historic setting is maintained in the future.

Authenticity

Mudejar art is the only style unique to Spain due to its particular historical trajectory. The particular forms adopted and the exceptional techniques and materials of construction employed are evidence of the characteristics specific to the Mudéjar architecture of Aragon.

The decoration of these monuments is an additional documentation of Aragonese Mudéjar art, as the vast majority of Aragonese Mudéjar roofs conserved are adorned with paintings. This decoration features the usual heraldic and geometric motifs, as well as plants, animals, and narrative scenes of daily life during the Low Middle Ages. This is the case of the roof of the cathedral of Santa María de Teruel, where scenes relating to the traditional trades of carpentry, religious scenes, representations of the various social strata (the king, the nobility, the military orders, combats against the Muslims etc.), and other motifs illustrating medieval bestiary can be seen.

In the case of the Aljafería Palace, La Seo in Zaragoza and the church towers in Teruel, written documents have been preserved that record the construction process and allow for the understanding of relevant details, such as the commissioners, participating masters, dates of the works, costs, etc. These documents also contain a large number of terms from Arabic which survive in the Castilian (Spanish) language, and are another testament to its authenticity in a multicultural, historical context. In the churches of Cervera de la Cañada and Tobed, information was recorded on the monuments themselves. In these cases, masters in charge of their construction left proof of their work through two inscriptions, one carved and the other one painted, both on the inside walls of these temples.

Mudéjar architecture is recognized today as an art form in its own right. It is represented by a series of historic monuments that have been largely conserved; their materials preserved through the use of appropriate techniques in all restoration works by respecting internationally established principles and maintaining the use and functions of the buildings as they were intended. Moreover, their location in historic settings and urban areas continues unaltered. The urban zones in which the religious monuments are located conserve the characteristics of religious and political hubs within their metropolitan areas, while the Aljafería Palace displays a setting that is consistent with the isolated environment within which it was originally constructed. These conditions will need to be maintained through adequate protection of the settings in the ten component parts.

Protection and management requirements

All component parts of the property were classified as “cultural properties” by the Spanish State. Following the transfer of authority in the area of culture to the Autonomous Community of Aragon in 1983, the enactment of the Aragonese Cultural Heritage Law 3/1999, of 10 March, entailed that all such monuments were subject to a thorough review with a detailed description and precise definition of the movable elements and surrounding area in need of protection.

Currently, the component parts of the property are administered according to the general regulatory framework for the protection and conservation of Cultural Heritage Sites of the Cultural Heritage of Aragon. Within this, two key elements are the reports issued by the Provincial Commissions of the Cultural Heritage Directorate and the

supervision conducted by the technical staff of the General Directorate of Cultural Heritage of the Government of Aragon, which carry out periodic inspections to the inscribed sites. Although there are currently no benchmark indicators (such as the monitoring of humidity, temperature, etc.) periodic comprehensive checks of the structural condition of the buildings are conducted (supporting beams, roofing, foundations, etc.), as well as the decorative elements (frescos, plaster etchings and carvings, ceramic mouldings, etc.), and the fixtures and fittings in each building.

In addition, and within the section of Research, Training, and Services of Supervision, training courses have been designed for the technical staff that works on the property in collaboration with the Central Office of the World Heritage Site Commission in Aragon and the various restoration training workshops, restoration centres, and laboratories in Aragon (including the Aragon Restoration Laboratory, a specialized library, courses for administrative staff and on-site workers, equipment for the analysis of materials and diagnosis of problems, etc.).

With regard to funding, the Government of Aragon provides the necessary means for the inscribed component parts and for other Mudéjar sites in the region, with conservation and restoration as the main priority. The need for maintenance and conservation work has prompted a series of technical interdisciplinary studies undertaken by the General Directorate of Cultural Heritage of the Government of Aragon. These resulted in the formulation of a Management Plan for the Mudéjar sites, with particular attention to the ten inscribed components, as well as comprehensive documentation to facilitate research and dissemination. It is expected that conservation work will also be systematically analysed to better understand the historical evolution of these buildings.

For the purpose of raising awareness of the importance of Mudéjar architecture, a plan for visits and field trips has been elaborated in collaboration with local bodies in order to improve various aspects of public information through, for example, the creation of a guide service, with specialised training and publication of information material, and the development of a feasibility study for visitors with reduced mobility to improve access to some areas.

State Party: Property	Spain: Old City of Salamanca
Id. N°	381rev
Date of inscription	1988

Brief synthesis

Salamanca is an ancient university town situated in the west of Spain in the Autonomous Community of Castilla and León. The Carthaginians first conquered the city in the 3rd century B.C. It then became a Roman settlement before being ruled by the Moors until the 11th century. The university, one of the oldest in Europe, reached its high point during Salamanca's Golden Age. The city's historic centre has important Romanesque, Gothic, Moorish, Renaissance, and Baroque monuments. The Plaza Mayor, with its galleries and arcades, is particularly impressive.

Beginning with the Roman Bridge that spans the River Tormes southwest of the city, numerous structures still testify to the two thousand year-old history of antique Salmantica. The remarkable examples include the Old Cathedral and San Marcos (12th century), the Salina and the Monterrey Palaces (16th century), and above all the Plaza Mayor (1729-1755). But the city owes its most essential features to the University. The remarkable group of buildings in Gothic, Renaissance, and Baroque styles, which, from the 15th to 18th centuries, rose to the institution that proclaimed itself "Mother of Virtues, Sciences, and the Arts" makes Salamanca an exceptional example of an old university town in the Christian world, such as Oxford and Cambridge.

The Cathedral School of Salamanca existed as far back as the late 12th century. The oldest university building in Salamanca, now the Rectorate, is the old Hospital del Estudio, built in 1413, with the final element of the building programme begun in 1533.

Salamanca provides one of the oldest examples of university facilities conceived as such rather than as colleges. However, the city also boasted many colleges, which were generally charitable institutions with close ties to the University.

Most of these buildings are located in the Old Quarter of the city. However, other monuments, located in the surroundings of the protected core area, are also part of the property. All are magnificent examples of religious architecture belonging to different styles: the Romanesque churches of San Marcos, San Juan de Barbalos, and San Cristóbal, the convents of Las Claras and Santa Teresa, the Gothic-Renaissance church of Sancti Spiritus, and the Colegio de los Irlandeses.

Criterion (i): The Plaza Mayor of Salamanca, built as a result of a solemn decision by King Philip V in 1710, is a unique artistic achievement in Baroque art, and considered by many the heart of the Golden City (*La Dorada*). Begun in 1729 according to plans drawn by Alberto de Churriguera, and finished in 1755 by Andrés García de

Quiñones, and with contributions from Nicolás de Churriguera and José de Lara de Churriguera, it is one of the most important urban ensembles of 18th century Europe.

Criterion (ii): With the Plaza Mayor, the Clerecía (the Jesuit seminary), the college of Calatrava, the Colegio San Ambrosio, the churches of San Sebastián and Santa Cruz de Cañizares, the New Cathedral, and San Esteban, Salamanca is one of the essential art centres of the Churriguera family dynasty of architects, decorators and sculptors of Catalonia. The “churrigueresque” style exerted considerable influence in the 18th century not only in the Iberian Peninsula, but also in Latin America.

Criterion (iv): Although founded later than those of Bologna, Paris, and Oxford, the University of Salamanca had already established itself as one of the best academic institutions in Europe by 1250. It conserves an admirable architectural heritage that illustrates the diverse functions of a university institution in the Christian world. The Hospital del Estudio, the Escuelas Mayores, the Escuelas Menores, and the various colleges, which multiplied between the 15th and 18th centuries, form a group of exceptional coherence within a historic city also remarkable for its numerous civil and religious monuments.

Integrity

Salamanca is a serial property consisting of the Old Quarter of the City and seven outlying component parts: Colegio de los Irlandeses, Iglesia de San Marcos, Iglesia de Sancti Spiritus, Convento de Las Claras, Casa-Convento de Santa Teresa, Iglesia de San Juan de Barbalos and Iglesia de San Cristóbal.

The inscribed property covers an area of 51 ha, with a 130 ha buffer zone, and contains all the necessary attributes to express the property's Outstanding Universal Value. These key features include all the monuments related to the University and also highly important examples of Baroque art in Spain, particularly the Plaza Mayor. The key attributes illustrate the history of Salamanca and bear witness to its primary function as a university town.

Their recognition as classified monuments has helped to preserve them properly and to retain material integrity, as any intervention is required to safeguard their characteristics. However, regulatory measures and provisions in planning tools will need to be strictly enforced to ensure that potential threats derived from new construction and developments are effectively addressed.

Authenticity

The Old City of Salamanca has retained key attributes of authenticity in terms of form, design, materials, and substance. Location and setting characteristics have also been maintained, as well as the use and function within the modern city.

As a place in continuous evolution, the Old City has also been affected by modifications such as urban infrastructure, and building renovation. Yet, these changes have been under strict administrative controls, both from the municipality and the regional government, in order to not adversely affect the Outstanding Universal Value of the property. Nevertheless, continuous attention must be placed on the property in order to ensure that future interventions do not compromise these key attributes.

Protection and management requirements

The city of Salamanca was registered as “Historic Site” in 1951, the highest legal protection at the national level. The same legal regime, Property of Cultural Interest (*BIC, Bien de Interés Cultural*), is applied to most of the property's component parts.

According to the existing laws of Cultural Heritage (Law 12/2002, 11 July, of Cultural Heritage of Castilla y León, Decree 37/2007, 19 April, that approves the Rules for the Protection of Cultural Heritage in Castilla y León and Law 16/1985, 25 June, of Spanish Historic Heritage), any intervention requires authorization from the Commission for Cultural Heritage of Salamanca, a body of the regional government.

Urban planning is under the responsibility of the City of Salamanca and its General Plan sets the general regulations for the entire municipality, including the historic area.

As a result of the collaboration agreement between the Council of Culture and Tourism of the Junta de Castilla y León and the City Council, a Management Plan for the property, as well as a new Urban Plan for the historic city, will be formulated and implemented. Both planning tools will function as a roadmap to set all principles and regulations that public administrations must take on account, in order to adapt their policies to the conservation of the Outstanding Universal Value of the property, which must prevail over other considerations. All the existing and future sectorial plans concerning tourism, accessibility, urban planning, economic and social plans, etc. will be included in this Management Plan. To ensure that the conditions of authenticity and integrity continue to be met, it will be important to consider that all proposed new interventions for rehabilitation or development be subject to Heritage and Environmental Impact Assessments. These assessments will be crucial to ensure the protection of key attributes and their setting in the historic townscape.

State Party: Property	Spain: Old Town of Ávila with its Extra-Muros Churches
Id. N°	348bis
Date of inscription	1985

Brief synthesis

The city of Ávila is located in the centre of Spain, in the Autonomous Community of Castile and León. Founded in the 11th century to protect the Spanish territories from the Moors, this 'City of Saints and Stones' has maintained its medieval austerity, and is the birthplace of St Teresa and burial place of the Grand Inquisitor, Torquemada. This purity of form can still be seen in the Gothic cathedral and fortifications that, with their 87 semi-circular towers and nine gates, is the most complete found in Spain.

The layout of the city is an even quadrilateral with a perimeter of 2,516 m. Its walls, which consist in part of stones already used in earlier constructions, have an average thickness of 3 m. Access to the city is afforded by nine gates of different periods; twin 20 m high towers, linked by a semi-circular arch, flank the oldest ones, Puerta de San Vicente and Puerta del Alcázar .

The Old Town of Ávila is a serial property, which includes the walled town of Ávila and four extra-muros Romanesque churches: San Segundo, San Andrés, San Vicente, and San Pedro. In 2007, another three Romanesque churches (San Nicolás, Santa María de la Cabeza, and San Martín) and three convents from the 15th and 16th centuries (La Encarnación, San José and the Real Monasterio de Santo Tomás) were added to the inscribed property.

Following the Reconquest of Toledo in 1085 by Alfonso VI, a policy of "repoblaciones" (repopulation) was undertaken to shore up the Kingdom of Castile, which was still vulnerable. The rise of Segovia, Ávila, and Salamanca during the Middle Ages stemmed from this strategic plan.

Ávila alone has kept its surrounding walls, which in part date back to 1090, while the greater part appear to have been rebuilt during the 12th century.

The intra-muros town and the walls that surround it, as well as the other component parts, show the magnificence of the medieval city, reflected in the Romanesque style of the churches, and expressing the 'Golden Age' of Ávila in the architecture of convents and monasteries.

Criterion (iii): Ávila is an outstanding example of a fortified city from the Middle Ages, the surrounding walls of which are fully intact. The density of religious and secular monuments, both intra and extra-muros makes it an urban ensemble of exceptional value.

Criterion (iv): Ávila is the best-known example of a fortified city resulting from the repopulation policy of the Kingdom of Castile following the Reconquest of Toledo.

Integrity

The inscribed property contains all the necessary elements to express its Outstanding Universal Value: the fortified walls, the intra-muros city, and the significant extra-muros churches - all representative elements of the medieval city; together with the monuments of the 16th century, which represent the 'Golden Age' of Ávila. All these monuments are protected by the current laws and require appropriate and thorough planning for each proposed intervention, which are strictly aimed at the preservation of the monuments.

The extension of the inscribed property, which incorporated further components, was essential to ensure the overall protection of the distinctive, urban fabric ensemble and the conditions for which the site was inscribed. The establishment of a buffer zone will be crucial to address vulnerabilities of the property from urban expansion and modern development. Additional protective legislation and regulatory measures for the buffer zone will enhance the protection of the inscribed property and its immediate setting, including key views to and from the town.

Authenticity

Due to its early legal protection, the city of Ávila maintains the key features of authenticity in terms of form, design, location, and setting. The inscribed monuments have undergone works of simple maintenance, the town walls have been restored only where necessary, and the City Council has made an important effort to allow for the visit of the complete layout of the walls. Regarding the city itself, the urban layout of the intra-muros town has been preserved, and traces of the medieval city can still be recognised today.

The property has undergone the typical changes of a living property – urban infrastructure projects and building renovation – but these works have always been under strict control of the administration departments in charge of cultural heritage. In a city classed as a "Historic Site" every intervention must comply with the cultural heritage principles established in the current laws, and, therefore, must have explicit authorization from the administration prior to project implementation.

Protection and management requirements

The city of Ávila was registered as a "Historic Site" in 1982, and its walls have the classification of National Monument; furthermore, each one of the ten inscribed extra-muros churches are declared as Property of Cultural Interest (*BIC, Bien de Interés Cultural*), the highest level of protection according to the current Cultural Heritage Laws.

Any intervention at the property, including archaeological investigation, requires prior administrative authorization, according to the current Cultural Heritage Laws (Law 12/2002, 11 July, of Cultural Heritage of Castile and León, Decree 37/2007, 19 April, that approves the Rules for the Protection of Cultural Heritage in Castile and León, Law 16/1985, 25 June, of Spanish Historic Heritage). The Commission for Cultural Heritage of Ávila must approve in advance all the projects concerning this site.

As a result of the Collaboration Agreement between the Council of Culture and Tourism of la Junta de Castilla y León and the City Council, a draft Management Plan has been drawn up, aiming at safeguarding the Outstanding Universal Value of the property. It is accompanied by a regularly revised Urban Plan for the protected area, which reinforces the protection of the cultural values of the historic city. Both planning tools serve as a roadmap that sets all principles and features the public administrations must take into account to adapt their policies to the conservation of the Outstanding Universal Value of the site, which must prevail over other considerations. All the existing and future sectorial plans – concerning tourism, accessibility, urban planning, economic and social plans, etc. – will be included in this Management Plan. The Plan will help the administrations to face the current problems suffered by historic cities like Ávila, such as the management of urban development and its consequences (increasing demand of public facilities, residential development, traffic congestion, etc.) without damaging the cultural and historic values of the town.

In addition, several projects have been drawn up to maintain and promote its Outstanding Universal Value. The regional government has set up a World Heritage Cities Centre at the Palacio de los Verdugo as a research and evaluation institution. The City Council has undertaken important actions aiming at protecting, promoting, and managing the city, especially in the area concerning accessibility. A Centre of Control and Coordination of Urban Mobility has also been created. Ávila also participates in an educational program aimed at schoolchildren to promote the knowledge of World Heritage. Regarding protection, the City Council has set up a Plan for Protection, Conservation, and Cataloguing of the Historic Site in case of emergencies. To reinforce these policies, the City Council has created a specific department in charge of Cultural Heritage.

State Party: Property	Spain: Old Town of Cáceres
Id. N°	384
Date of inscription	1986

Brief synthesis

The Old Town of Cáceres is an urban ensemble of 9 ha surrounded by a wall of 1,174 m, located in the Autonomous Community of Extremadura in the southwest of the Iberian Peninsula.

Cáceres has been a trade route city and a political centre of the local nobles for many centuries. Since prehistoric times, people from different cultures have gathered in Cáceres and have shaped its strong historical roots. Pre-Roman settlements occupied the original plot followed by the Roman, Arab, Jewish and Christian people.

The influence and remains of these cultures can be observed and studied in the walled ensemble of Cáceres, with a wide typological and constructive variety ranging from popular architecture to palace-houses, with their characteristic sobriety and towers of the nobility of Gothic and Renaissance times. The city's history of battles between Moors and Christians is also reflected in the architecture, which is a blend of Roman, Islamic, Northern Gothic and Italian Renaissance styles. This property also includes noteworthy religious buildings such as churches, hermitages and convents.

Cáceres is an outstanding example of a city that was ruled from the 14th to 16th centuries by powerful rival factions, reflected in its dominant spatial configuration of fortified houses, palaces and towers. This city in Extremadura bears the traces of highly diverse and contradictory influences. The urban design in the area inside the walls is an example of a medieval city, which has shaped its current aspect over centuries.

Multidisciplinary research of the last decades has allowed to gain a better understanding of the evolution and substantial transformations of Cáceres, documented construction techniques in the walled city and identified a rare structural unity in the west of the historic ensemble.

Criterion (iii): The walls of Cáceres bear exceptional testimony to the fortifications built in Spain by the Almohades. Frequently compared to Torre de Espantaperros in Badajoz and to Torre del Oro in Seville, Torre

Mochada in Cáceres is part of an ensemble of walls and towers, which has been largely conserved and which is representative of a civilisation.

Criterion (iv): Cáceres is an outstanding example of a city ruled during the 14th to 16th centuries by powerful rival factions, so that fortified houses, palaces and towers dominate its spatial configuration. This city in Extremadura is unique because of its historic features, which - from the Middle Ages to the classical period - bear the traces of highly diverse and contradictory influences, such as Northern Gothic, Islamic, Italian Renaissance and arts of the New World.

Integrity

All the necessary elements to convey the Outstanding Universal Value of the property are located within its boundaries. The architectural ensemble and surrounding walls, characterised by the presence of fortress-houses, palace-houses and towers, retain a high level of material integrity. The defensive circle is an element of significant physical and visual power.

The property does not face major threats to its attributes that convey the Outstanding Universal Value. Public-private actions in favour of the preservation and maintenance of the property are strong, and the Special Revitalisation and Protection Plan for the Architectural Heritage of the City of Cáceres ensure that the conditions of integrity and authenticity continue to be met.

Authenticity

The authenticity of the property is largely maintained in the Gothic-Renaissance city, with a large amount and quality of nobility constructions (fortress-houses) from the 15th century and palace-houses from the 16th century, with a significant amount of granite masonry still preserved. Cáceres still maintains a considerable number of buildings that bear witness to the noble battles and the peace generated by the unification of the different kingdoms by the Catholic King and Queen; these can be easily interpreted thanks to the conservation of layout, form and design.

The wall of Cáceres expresses the influence of the different cultures that settled in this place from late republican Roman times to Christian domination, through the wall's different designs and materials used by each. For example the Muslim poliorceticis, mainly during the Almohade phase when the pre-existing wall was refurbished, added the characteristic defensive towers. New towers (Púlpitos) were added and others (Bujaco) were modified during medieval Christian time.

Protection and management requirements

The management of the property is the responsibility of the relevant Public Administrations, the City Council of Cáceres and the Regional Government of Extremadura. The Revitalization and Protection Special Plan of the Archaeological Heritage of the City of Cáceres (in force since 1990), Law 2/99 of Historic and Cultural Heritage of Extremadura and the Act 16/1985 of Spanish Historic Heritage constitute the legal and regulatory framework applicable for the protection of the property.

The Special Protection Plan, as an urban planning tool, regulates the urban regime of the affected plots, apart from the building conditions and the conservation of the built heritage, including the archaeological heritage, which defines the historical evolution of urbanism since Roman times. The Special Protection Plan covers an area larger than the inscribed property, therefore placing special emphasis on the protection of the unique ensemble.

Law 2/99, as a sectorial regulation in terms of culture, specifies, defines and regulates those aspects related to heritage conservation, material or not, aimed at their transmission to future generations.

The implementation of the Special Revitalization and Protection Plan of the Archaeological Heritage of the City of Cáceres will require systematic monitoring and review to respond to different conditions. The plan will also need to be adapted to meet regulations at the national and international levels and to define a coherent and global project for the city, establishing guidelines and priorities with the objective of a physical and functional rehabilitation of the historic city.

In addition, the Management Plan will need to define a buffer zone and protection mechanisms to ensure the conservation of the setting of the property. This plan will also include a Traffic, Mobility and Accessibility Plan, as well as a Steering Plan of Interventions in Public Spaces.

The creation of a Consortium of the Monumental City, comprised of the City Council of Cáceres, the Regional Government of Extremadura and Central the Government of Spain, will also be crucial. The Consortium will function as a financial and technical body with a specialized administration focused on necessary coordination and cooperation among those entities.

State Party: Property	Spain: Old Town of Segovia and its Aqueduct
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Id. N°	311rev
Date of inscription	1985

Brief synthesis

The Old Town of Segovia is located in the centre of Spain, in the Autonomous Community of Castile and León. The centre is crowded together on the rocky bluff delineated by the confluence of the Eresma and Clamores rivers.

Segovia is symbolic of a complex, historical reality. Its neighbourhoods, streets, and houses are laid out in accordance with a social structure in which hierarchy was organized and dominated by belonging to one of the different cultural communities. Moors, Christians, and Jews coexisted for a long period of time in the medieval city and worked together during the 16th century manufacturing boom. The evidence of this cultural process can be seen in the large number of outstanding monuments in the city, among which, the Roman Aqueduct stands out. Other important monuments can be found in the property: the Alcázar, begun around the 11th century; several Romanesque churches; noble palaces from 15th and 16th centuries; the 16th-century Gothic cathedral, the last to be built in Spain in this style; and the Segovia Mint, the oldest industrial building still existing in Spain.

The Roman Aqueduct of Segovia, probably built c. 50 BC, is remarkably well preserved. This impressive construction, with its two tiers of arches, forms part of the magnificent setting of the historic city of Segovia. It is an enormous construction of masonry, 813 m in length, consisting of four straight segments and two superimposed arcades borne by 128 pillars. At the lowest point of the valley, the Aqueduct stands at a height of 28.5 m above ground.

The 221 colossal pillars bear witness to the magnitude of the Aquae Atilianae in the province of Zaragoza while in other parts of Spain, only remnants of the Roman aqueducts of Sevilla, Toledo, and Calahorra have survived. The impressive monuments that survive in Mérida, Tarragona, and Segovia illustrate the political determination, which following the steps of the victorious armies, greatly increased the number of aqueducts which Frontinus described as 'the most solemn testimony of the Empire.'

The Aqueduct of Segovia is the best known of these civil engineering feats due to its monumentality, its excellent state of conservation, and in particular, its stunning location in relation to the urban site. The Aqueduct is the symbol of the city and can in no way be separated from Segovia as a whole.

Criterion (i): Segovia comprises an array of monuments, which in terms of beauty and exemplary, historical significance, are truly outstanding, with the Aqueduct, the Alcázar, and the Cathedral among its major structures.

Criterion (iii): The Old Town of Segovia illustrates a complex, historical reality through its urban layout and architectural developments. It is a prime example of the coexistence of different, cultural communities throughout time.

Criterion (iv): Segovia provides an outstanding testimony of a Western city based on a number of diverse, cultural traditions. All the component parts of the built environment, from domestic architecture to the great religious and military structures, can be found here in a broad range of construction techniques and styles that reflect this unique, cultural diversity.

Integrity

The inscribed property has an area of 134 ha that contains all the necessary features to express its Outstanding Universal Value. The centre of the historic city, with its large number of remarkable monuments, including the Roman Aqueduct and the more humble domestic architecture, has been maintained. All of the attributes of the property show the complex and fascinating history of the city, particularly the coexistence of different religions and cultures, the mark of which can be admired in a wide range of architectural styles. Their status as classified monuments within the Spanish government has helped to preserve them properly, and any intervention must be aimed at maintaining and safeguarding their characteristics and significance.

Authenticity

Due to its early legal protection, the property has maintained the features of authenticity, particularly in terms of location, form, and design. This is applicable not only to the highlighted monuments, such as the Roman Aqueduct, but also to other monuments and architectural ensembles in the city. The traces of the medieval city, with historic areas like the Jewish Quarter, can be seen in the current layout of the town with its narrow streets, the type of paving, and the decorated rendering of the buildings, among other features.

As this urban ensemble is in continuous development, the property has been affected by modifications, but has always been under strict administrative controls, both from the municipality and the regional government, so as to not negatively impact the attributes that convey Outstanding Universal Value of the property.

Protection and management requirements

The city of Segovia was registered as a "Historic Site" under Spanish law in 1941. Furthermore, a large number of monuments are also registered as Property of Cultural Interest (*BIC, Bien de Interés Cultural*), the highest level of protection according to the current cultural heritage laws in Spain. Therefore, any intervention requests for the property or the monuments, including archaeological investigation, entails prior administrative authorization, according to the current cultural heritage laws (Law 12/2002, 11 July, of Cultural Heritage of Castile and León, Decree 37/2007, 19 April, that approves the Rules for the Protection of Cultural Heritage in Castile and León, Law 16/1985, 25 June, of Spanish Historic Heritage). In addition, all the projects concerning the property must be previously approved by the Commission for Cultural Heritage of Segovia.

Given its World Heritage status, several projects have been drawn up to maintain and promote its Outstanding Universal Value, including international seminars about the conservation of the Aqueduct. The City Council has also undertaken important actions aiming at protecting, promoting, and managing the city, as well as developed an Integrated Plan of Accessibility and Refurbishment for different areas of the city (Aqueduct, Canonjías, Jewish Quarter, etc.). The City Council has a specific Department of Cultural Heritage that is in charge of municipal policies aiming at safeguarding the cultural significance of the site, and is also entrusted with other policies related to heritage, such as tourism or accessibility. Implementing these policies in a coordinated way remains a challenge, and the City Council faces the constant, common problems often found in other historic cities like Segovia (increasing demand of public facilities, residential development, tourist facilities, refurbishment of degraded areas, etc.)

A General Plan guides the overall town planning, which is supplemented by a Special Urban Plan for Protection of the Historic Areas. Regulations to safeguard the Historic Site have been established through a new Urban Plan developed by the City Council. The definition of a buffer zone will be crucial to also protect views to and from the property to maintain the visual characteristics of the property, and also to protect the loop of the aqueduct. The Special Plan for the Historical Areas of Segovia will need to take this protection of the buffer zone into account and enforce appropriate regulations.

State Party: Property	Spain: Poblet Monastery
Id. N°	518rev
Date of inscription	1991

Brief synthesis

Poblet Monastery is located in the south of Catalonia, in the northeast of the Iberian Peninsula, in the municipality of Vimbodí. It is one of the largest and most complete Cistercian abbeys in the world. It was built in the 12th to 15th centuries around a church that dates to the 13th century. It is impressive for the majesty of its architecture and includes a fortified royal residence as well as the pantheon of the kings and queens of Catalonia and Aragon.

The Monastery is structured as three enclosures, surrounded by a defensive wall. The first outer enclosure contains buildings from the 16th century, such as storehouses, workshops, housing for lay workers and other premises connected with the financial life of the community. This enclosure also contains the Gothic chapel of Sant Jordi, built in 1452. The fortified Golden Door gives access to the second enclosure, made up of the Plaça Major, or Main Square, around which stand the remains of the hospital for the poor, the Romanesque chapel of Santa Caterina and the treasury. The third and innermost enclosure is fortified and includes the church, cloister and monastic rooms.

The defensive wall is crenulated and is strengthened by a series of square or polygonal towers, two of which flank the Royal Doorway.

The church is on a three-aisled basilical plan with transepts and an apsidal east end with ambulatory. The ceiling consists of a pointed vault in the central aisle and ribbed vaults on the side aisles. Notable features of the interior of the church are the Renaissance retablo and the royal tombs. Mature Gothic forms dominate the great cloister. The earliest parts of the structure are the south gallery and the lavabo around which the oldest buildings of the complex (12th and 13th centuries) are distributed: the chapter house, the refectory, the kitchen and calefactory, the library, the old scriptorium, and the dormitory, built over the library and chapter house.

Poblet Monastery is extraordinarily important in terms of art, culture, history and spirituality and for its key role in the repopulation and agricultural exploitation of New Catalonia under the Crown of Aragon. Its library and scriptorium were well known from the 13th century onwards for their works on law and history, and the monastery served as a custodian of the history of the dynasty as well as the Royal remains.

It is also one of the most important and sumptuous Cistercian monasteries where the functional plan and spirit of the monastery are present throughout its structure. The spiritual quality of the life of Poblet Monastery has also made it a very important centre in the life of the country, from the time of its foundation until the present day.

Criterion (i): Poblet is a unique artistic achievement and one of the most perfect expressions of Cistercian style in the 12th, 13th and 14th centuries. The abbey contains masterpieces from every period such as the great alabaster altarpiece by Damià Forment (1529).

Criterion (iv): The Santa Maria of Poblet complex presents a unique blend of architectural forms generally reserved for distinct applications. Poblet has served as one of the largest and most complete of the Cistercian abbeys, as a massive military complex, and as a royal palace, residence and pantheon.

Integrity

The inscribed property encompasses 18 ha, with a 163 ha buffer zone. Since the resumption of monastic life at Poblet in 1940, the church, refectory, cloister, chapter house, scriptorium and the abbot's palace have all been restored, as has the retablo of the high altar. Furthermore, the guesthouse and other monastic buildings have been reinstated, returning the monastery to its structure prior to the confiscations of ecclesiastical property in 1835, an event that brought about the abandonment and subsequent pillage of the monument.

Poblet preserves in their entirety all the attributes that convey the Outstanding Universal Value of the property. These include the church, refectory, cloister, chapter house, dormitory, scriptorium and the so-called lay-brothers' wing, in the western enclosure, as well as the defensive perimeter walls and the wall around the convent complex itself, and the great royal gate that closes the entire monastery. As well as the monastic buildings themselves, there are several others within the precinct, among them the abbot's palace. Furthermore, the church preserves the group of royal tombs, and, amongst other remarkable artefacts, the Renaissance alabaster retablo of the high altar, and the work of Damià Forment.

Authenticity

Monastic life continued in the monastery until the seizure of church lands in 1835, after which the complex deteriorated. In 1849, however, the Commission for Historic and Artistic Monuments intervened to halt this process. In 1930 reconstruction began and in 1940 monastic life returned to the abbey. The maintenance of its historic and architectural values has been assured through the various restoration and reinstatement works that have been undertaken since then.

Furthermore, the presence of the Cistercian religious community at Poblet, combined with the archives now kept there, such as the Tarradellas Archive, have ensured an authenticity which, in addition to the architectural aspects, extends to its original spiritual values, functions and use.

Protection and Management Requirements

Poblet Monastery was declared a national monument in 1921. Additional protection legislation includes

Law 16/1985 of 25 June, concerning Spanish Historical Heritage; Law 9/1993 of 30 September, concerning Catalan Cultural Heritage; Law 22/1984 of 9 November, declaring part of the valley where Poblet Monastery stands to be a Landscape of National Interest; and Decree 276/2005, concerning Territorial Commissions for the Cultural Heritage.

In terms of management, the system currently in place considers the primary religious and public use character of the property. The administration and business management is carried out through the Tarragona Territorial Cultural Heritage Commission and the Poblet Board of Trustees, which serve as formal steering groups. The management system also integrates different authorities at the State, Autonomous Community and local levels as per the mandates set forth in the legislative and regulatory framework.

Poblet Monastery has a Master Plan, promoted by the monastic community. The responsibility for the implementation and supervision of this Plan, as well as monitoring its effectiveness, lies with the Government of Catalonia and the Poblet Board of Trustees. The financial resources needed for the conservation and restoration of this monument are drawn from a variety of sources such as the Government of Catalonia, through its Presidential Department, the Ministry of Culture, the Ministry for Territory and Sustainability, the Tarragona Provincial Council and revenue from entrance tickets. Public use and tourism management, which are reconciled with respect for the monastic community that inhabits the Monastery, are also addressed through different actions. Furthermore, tourism is also managed in the context of the Cistercian Route.

State Party: Property	Spain: Route of Santiago de Compostela
Id. N°	669
Date of inscription	1993

Brief synthesis

The Route of Santiago de Compostela (*Camino de Santiago*) is a narrow route through the north of the Iberian Peninsula extending over 800 km from the Spanish-French border to the city of Santiago de Compostela, passing through five different Autonomous Communities and over one hundred inhabited towns.

The *Camino de Santiago* was originally a religious pilgrimage route culminating in the visit to the tomb of St James the Apostle at the Cathedral of Santiago de Compostela (Galicia). The first source tracing the Apostle to Spain dates back to the end of the 6th century. The Acts of the Apostles attribute the evangelisation of Hispania to St James. This information was later corroborated in "De ortu et obitu Patrum" by Isidoro de Sevilla (7th century) and in the Commentarium in Apocalypsin by St Beatus of Liebana (8th century). The discovery of the Apostle's tomb in Galicia dates to the 9th century under the rule of Alfonso II the Chaste. As a result of St Jerome's teachings that the resting place of the Apostles should be in the province where they had preached the gospel, the remains of St. James were taken from Jerusalem to Spain. The news of the discovery spread quickly throughout Western Europe, and Santiago de Compostela became a pilgrimage site. The historical moment when the tomb was discovered, i.e. 9th century Muslim Spain, defined the scope and importance of the discovery in the Christian world of the time, swiftly transforming the place into a pilgrimage site on par with Jerusalem and Rome.

During its eleven centuries of known history, the Route of Santiago de Compostela has become a veritable crossroads, fostering ongoing cultural dialogue among the pilgrims travelling it and the towns through which it passes. This route also became an important trade axis and a place for the dissemination of knowledge. Constantly evolving, the *Camino* includes a set of first-class historical heritage sites, outstanding natural landscapes, and intangible heritage, a prime example of which is the oral narrative that entertained and continues to entertain pilgrims on their journey to Santiago de Compostela. Pilgrimages were an essential part of European cultural and spiritual life during the Middle Ages and along the route, pilgrims were provided with what they needed to ensure their physical and spiritual well-being. Consequently, there is also a wealth of heritage associated with the *Camino de Santiago*, such as churches, hospitals, hostels, monasteries, traveller accommodations, crosses, bridges, and other types of construction, which today represent all aspects of artistic and architectural evolution from the Romanesque to the Baroque and constitute an indivisible part of the *Camino*, defining it both physically and culturally.

The importance of the Jacobean route also contributed to the economic and social development of the towns along the way, attributable to the large number of visitors and economic activities related to services offered to pilgrims.

Criterion (ii): The Route of Santiago de Compostela played a crucial role in the two-way exchange of cultural advances between the Iberian Peninsula and the rest of Europe, especially during the Middle Ages, but also in subsequent centuries. The wealth of cultural heritage that has emerged in association with the *Camino* is vast, marking the birth of Romanesque art and featuring extraordinary examples of Gothic, Renaissance, and Baroque art. Moreover, in contrast with the waning of urban life in the rest of the Iberian Peninsula during the Middle Ages, the reception and commercial activities emanating from the *Camino de Santiago* led to the growth of cities in the north of the Peninsula and gave rise to the founding of new ones.

Criterion (iv): The Route of Santiago de Compostela has preserved the most complete material registry of all Christian pilgrimage routes, featuring ecclesiastical and secular buildings, large and small enclaves, and civil engineering structures.

Criterion (vi): The Route of Santiago de Compostela bears outstanding witness to the power and influence of faith among people of all social classes and origins in medieval Europe and later.

Integrity

The Route of Santiago de Compostela is completely preserved and characterised by a high level of conservation of the route itself and of the buildings and sites along the way, making it a unique example of a medieval pilgrimage route which is still in use today. The route also illustrates the integration into the environment.

The different sections of the *Camino* and its sites and buildings have been kept in a good state of repair because they have been continuously used. The decline in the number of pilgrims during the 18th and 19th centuries spelled a parallel decline in its state of conservation, but recognition of its historical importance in the 20th century led to the recovery of the *Camino* and its legal protection as a historical-artistic complex (*Conjunto histórico-artístico*) in 1962. Since then, an increasing number of efforts have been made to improve and protect the property, and important steps have been taken to preserve it at all levels to ensure its survival as a living cultural route of great historical importance.

Authenticity

The Route of Santiago de Compostela has existed since the Middle Ages and has withstood the test of time to the present. Its existence is documented in great detail from the 12th century onwards. Book V of the Codex Calixtino, attributed to the monk Aymeric Picaud of Cluny, who accompanied Pope Calixtus II on his pilgrimage to Santiago de Compostela around 1109, is considered to be the first guide for pilgrims travelling along the route. The work contains descriptions of the route and of the works of art along the *Camino*, the local customs of the people who inhabited the towns along the way, and helpful advice for pilgrims.

In comparison with other Christian pilgrimage routes, the *Camino de Santiago* is undoubtedly the one best preserved in its original layout. A significant part of the route still in use today is described in the written testimonies of different periods containing descriptions of places, populations, and architectural elements such as hospitals, boundary crosses, bridges, and churches which have been preserved.

No changes that could affect the authenticity of the site are envisaged given that the route is sufficiently protected as a historical-artistic complex by current regulations.

Protection and management requirements

The property has different levels of protection. Pursuant to the First Additional Provision of the Spanish Historical Heritage Act, Law 16/1985 of 25 June 1985, the *Camino de Santiago* was registered as an Property of Cultural Interest (*BIC, Bien de Interés Cultural*) in the category of Historical Complex, the highest level of cultural heritage protection in Spain.

In exercise of their competences, the Autonomous Communities through which the route passes have defined the protection of this property in their respective territories: Galicia protects the part of the property through the Decree 227/2011 of 2 December 2011 establishing the delimitation of the main route of the *Camino de Santiago*, the French *Camino*, from where it enters into the municipality of Pedrafita do Cebreiro to the municipal border of O Pino, with the exception of the section between Amenal and the limit of the Lavacolla airport in the municipality of O Pino. Decree 144/2012 of 29 June 2012 establishes the delimitation of the main route of the *Camino de Santiago*, the French *Camino*, between O Amenal and the limit of the Lavacolla airport in the municipality of O Pino. Decree 247/2012 of 22 November 2012 establishes the delimitation of the main route of the *Camino de Santiago*, the French *Camino*, in the municipality of Santiago de Compostela. La Rioja protects the part of the property through the Decree 14/2001 of 16 March 2001 declaring the *Camino de Santiago* a Property of Cultural Interest (*BIC*) in La Rioja and establishing its surrounding area. Aragon applies the Decree 96/1988 of 24 May 1988 of the Regional Government of Aragon creating the Technical Coordination Committee for the recovery and revitalisation of the *Camino de Santiago*. Navarra applies the Foral Decree 290/1988 of 14 December 1988 establishing the definitive borders of the *Camino de Santiago* in Navarre and its protection regime, and Castile-Leon applies the Decree 324/1999 of 23 December 1999 defining the area to be included under the historical complex (*Conjunto Histórico*) declaration of the *Camino de Santiago* (French *Camino*).

In terms of management, the need for improved communication between the administrations responsible for the property led to the 1991 creation of the Jacobean Council (*Consejo Jacobeo*) for the purpose of collaborating in programmes and actions to protect and preserve the route, to further its promotion and cultural dissemination, conserve and restore its historical-artistic heritage, regulate and promote tourism, and to assist pilgrims.

The Royal Decree 1432/2009 of 11 September was enacted to reorganise the Jacobean Council to fortify its duties as a management body. To this end, the Cooperation Committee for the Management of the World Heritage Site was created within the framework of the Jacobean Council and is comprised of the Autonomous Communities through which the route passes (Galicia, La Rioja, Aragon, Navarra, and Castile-Leon) and the Ministry of Education, Culture, and Sports.

Notwithstanding these arrangements, systematic actions will be needed to address the potential threats posed by the layout of motorways and the high-speed train line, the natural growth of cities and towns, and the pressure from increased tourism and number of pilgrims. Enforcement of regulatory measures and legislation will be crucial, as well as the development of environmental and heritage impact studies for new construction. In addition, urban development schemes of the municipalities along the route will need to take into account protection of the attributes of the property.

State Party: Property	Spain: Royal Monastery of Santa María de Guadalupe
Id. N°	665
Date of inscription	1993

Brief synthesis

The Royal Monastery of Santa María de Guadalupe is located in the province of Cáceres (Autonomous Community of Extremadura, Spain) at a location of great beauty, overlooking a valley surrounded by high mountains. The town of Guadalupe, built around the Monastery, whose foundation dates back to 1337, offers in its medieval buildings a unique beauty that reflects the traditional architecture in an urban context.

It is an exceptional example of an ensemble comprised of widely differing architectural styles, including in particular the 14th- to 15th-century Mudéjar church and cloister. The following architecture from different periods is worth underscoring: the Basilica (main church) or Templo Mayor – with a façade notable for its Mudéjar works, its doors ornamented with finely-worked bronze plaques, the interior nave and two side aisles with fine

ornamented vaulting, and many richly decorated tombs and altars. The sacristy built between 1638 and 1647 is abundantly decorated and best known for the series of paintings by Zurbarán and wall paintings that highlight the austere lines of its architecture. The Chapel of Santa Catalina of Alejandría, a square building that links the Sacristy with the Reliquaries Chapel, has an octagonal cupola lit by a lantern, contains some outstanding 17th-century tombs, and houses many elaborate reliquaries and other works of art in its arcaded alcoves. The Camarín de la Virgen, a small octagonal building situated behind the presbytery of the basilica is amply decorated in Baroque style. Of special interest is the upper storey, the “Chamber of the Virgin” proper, in which the vaults are richly decorated in plaster and stucco and the walls covered with paintings, among them nine by Luca Giordano. It houses the famous statue of the Virgin of Guadalupe on a magnificently ornamented throne. The cloister was constructed in brick in the Mudéjar tradition and painted in white and red. The small chapel in the centre dates from 1405, and there is an impressive portal ca. 1520-24 in Plateresque style. The Gothic cloister has galleries on three sides with three tiers of arches, and the New Church, in modified Baroque style, has three naves.

The site has played a leading role in the history of medieval and modern Spain, being linked to the Crown of Castile from the reign of Alfonso XI and the other Peninsular kingdoms – particularly after the conquest of Granada, which resulted in the unification of all territories, the emergence of the Modern State in Europe, the end of the period of the Reconquest, and the discovery of the New World.

Its influence in the evangelisation of the discovered land has been enormous, spreading sanctuaries, institutions, and offerings in honour of the Virgin of Guadalupe, whose validity and relevance is still alive. The monastery was also a leading cultural centre for workshops and scientific activity: a centre which spread knowledge of botany and medicine through the Medical School of Guadalupe, first mentioned in 1451, or through the School of Surgery. It was also a centre where techniques were applied and experimented in luxury goods and music. This relevance is today portrayed in specific museums within the monastery.

Criterion (iv): The Monastery of Guadalupe is of exceptional interest as an ensemble of religious architecture spanning some six centuries.

Criterion (vi): The Monastery symbolises two significant events in world history that occurred in the same year, 1492, namely the final expulsion of the Muslim power from the Iberian Peninsula and the discovery of the American continent by Christopher Columbus. Its influence on the evangelisation of the Americas was substantial; the statue of Santa María de Guadalupe became a powerful symbol of the Christianisation of much of the New World. The Monastery was, and remains, a centre of pilgrimage for the Western world and Latin America.

Integrity

The property covers an area of 1.10 ha, with a 44 ha buffer zone and contains all the necessary elements to convey its Outstanding Universal Value. Material integrity has been largely preserved given that the monastery has been in continuous use since its construction. Restoration and maintenance works have been carried out continuously since 1908 but no interventions have caused alterations to the monument.

Currently inhabited and governed by the Franciscan community, the monastery retains all its heritage richness and strength, welcoming many visitors, tourists, and pilgrims all year round and during particular holidays, and therefore maintaining its functional integrity.

Authenticity

Like any religious establishment that has been in use constantly since its construction, the monastery has buildings of different styles and periods. Inhabited for more than four centuries by the same Order, the Order of St. Jerome, it has undergone restorations and reconstruction works. However, the ensemble retains its original form and appearance. The most recent restoration works have met modern conservation standards.

The Franciscan community, with the necessary support of national, regional, and provincial institutions, has maintained, in addition, an interesting cultural work through the study and publication of its archives and the formation of a large library well catalogued and used by researchers.

Protection and management requirements

The Royal Monastery of Guadalupe belongs jointly to the Archbishopric of Toledo, the Government of Spain, and Bética Province of the Franciscan Order, as stipulated in the Royal Ordinance of 20 May 1908 and 22 May 1915, and the canonical Decree of 8 August 1908.

The Law 16/1985 on Spanish Historical Heritage legally protects the property and the Law 2/1999 on Historical and Cultural Heritage of Extremadura. The Royal Decree as a National Historic and Artistic Monument in 1879 was expanded to the whole of its buildings in 1929. In addition, the monastery, located in the town of Guadalupe, was declared a Historical-Artistic Complex in 1943.

Direct management of the property is the responsibility of the regional Government of Extremadura in partnership with the Franciscan community of Guadalupe. The management is carried out according to a Master Plan developed in 2006, which rationalises the interventions and contains a detailed study of the needs and conditions of the different buildings. In addition to setting objectives and methodology, the Plan is a valuable tool to optimise

resources and channel investments from administrations (regional and central governments), the Franciscan community, and private entities involved.

The Town Council of Guadalupe is responsible for preparing and revising the General Municipal Plan for the urban planning of the municipality, including a Special Protection Plan for the Historical-Artistical Complex and the establishment of a buffer zone.

The Royal Monastery has the subsidiary protection of Integrated Rehabilitation Area of Guadalupe, an office under the authority of the Directorate General of Cultural Heritage of the Department of Education and Culture of the regional government, which has a priority task of safeguarding cultural properties in the region, ensuring compliance with current national and regional legislation and maintaining the Outstanding Universal Value of the property. In order to achieve these goals, it has organised new offices for heritage site management.

State Party: Property	Spain: San Cristóbal de La Laguna
Id. N°	929
Date of inscription	1999

Brief synthesis

San Cristóbal de La Laguna is located on the Island of Tenerife, part of the Autonomous Community of the Canary Islands in Spain. It was founded in the late 15th century on an inland plateau 550 m above sea level next to an insalubrious lagoon. The property includes two original town centres each belonging to a different time of history: the so-called Upper Town is the initial founding site next to the lagoon, and has an unplanned urban structure; and the Lower Town, one kilometre to the East, which is designed on a grid. It is the first ideal territory-town, being designed according to philosophical principles and Royal regulations, organized around a founding square known as Plaza del Adelantado.

Of the 1470 buildings at San Cristóbal de La Laguna, 627 public and private classified buildings are preserved. Of the set of the classified buildings, 361 were built between the 16th and 18th centuries and belong to the so-called Mudéjar architecture, 96 are from the 19th century, and 170 are from the first half of the 20th century. Currently, its heritage architecture represents significant instances of the Mudéjar, Neoclassical, Modernist, Rationalist, and Contemporary architecture that have remained alive and active until now.

San Cristóbal de La Laguna is the first example of an unfortified town with a grid model that was the direct precursor of the settlements in the Americas under Spanish rule during colonial times. The Castilians founded 8 such grid-plan towns on the Canary Islands. They were founded "ex novo", i.e. on un-built ground, and the town was a political means for the colonization and appropriation of the territory. It is that very philosophy that was transferred to the Americas.

San Cristóbal de La Laguna is a living example of the exchange of influences between the European culture and the American culture, with which it has been maintaining constant links. In the late 15th century and the first years of 16th century, the Canary Islands, and specifically San Cristóbal de La Laguna, became a laboratory of cultural experimentation and the first "Americas". The Canary Islands were a forerunner of America, playing the role of a giver and receiver, and being a melting pot of cultures, which resulted in an indubitable fusion of the contribution of the pre-conquest indigenous people (in ethnographic features and traditional culture) and those from Portuguese, Castilian, and Mudéjar architecture and town-planning. Moreover, inside that religious architecture, a furnishing heritage (sculptures, paintings, gold and silver articles, textiles, sumptuary objects, and furniture) is preserved, which also testifies to a cultural interchange with the Hispanic, Portuguese, North-European (especially Flemish), Italian, and American spheres.

Criterion (ii): San Cristóbal de La Laguna exhibits the signs of an interchange of influences between the European and Hispano-Portuguese and American cultures, with which a constant link on the human, cultural, and socio-economic levels has been maintained. Ibero-America is ever-present at San Cristóbal de La Laguna, not only in its grid plan and Plaza del Adelantado (the founding square), but also in its churches, cloisters, and the civil architecture, which are the siblings of American ones.

Criterion (iv): San Cristóbal de La Laguna was the first non-fortified Spanish colonial town, and its layout provided the model for many colonial towns in the Americas. It is outstanding in its planning as a territory-town, and is the first instance of an unfortified Hispanic town designed and built in a complete project as a space for the organization of a new social order. Since its founding, it has remained a living urban area, in which all the trends, tastes, and styles of each historical period have been expressed, illustrating the first transit point of the Hispanic culture towards the Americas in a two-way cultural interchange that continues until today.

Integrity

The property's surface area is 60.38 ha with a buffer zone of 229.77 ha; its original plan and layout, dating back to the 15th century has remained intact since its creation. The property is a living historic town, corresponding to the historical centre of the old town, which is now included inside the modern town. San Cristóbal de La Laguna exhibits a very well preserved, extraordinarily homogeneous town structure, in which the religious, institutional, and residential buildings coexist on the original map design in perfect harmony.

A great number of architectural instances representative of its traditional town structure stand out, and its furniture heritage shows the kind of relations it has maintained throughout its history. Furthermore, the original layout still exhibits a relationship between the colonial town layout that is typical of the concept of a territory-town and the architecture of Mudéjar and other types, of which more than 600 instances are classified and preserved: religious buildings (churches, hermitages, cloisters) and civil buildings.

Authenticity

With its history of more than five centuries, San Cristóbal de La Laguna is the result of a type of town dynamics that contain a continuous process of superimposition of historical trends. The town has been evolving since its founding more than 500 years ago and has retained conditions of authenticity in its street pattern, its open spaces, and its monuments, which still preserve a visible time continuity. The authenticity of its urban structure can be demonstrated through a comparative analysis of the current cartography against its historical equivalent. In terms of detail, the authenticity is high. Original facades survive in large numbers, providing an authentic historic streetscape, which demonstrates the diverse origins of the town's architecture. Its "transmitted architecture," combining Islamic and European elements, is original and authentic. It also played a very significant role in the development of architecture in the Spanish New World.

Finally, San Cristobal de La Laguna retains much of its traditional trade, which has been adapted to current needs without losing its authenticity. Furthermore, the immaterial heritage in San Cristóbal de La Laguna is intimately linked to the heritage produced through the customs and religious ceremonies.

Protection and management requirements

The inscribed property is part of the larger 83 ha area classified as Property of Cultural Interest (*BIC, Bien de Interés Cultural*), under the Historical Ensemble category. The Historical Ensemble of San Cristóbal de La Laguna benefits from a Special Protection Plan in accordance with the 1999 Canarian Laws on Historical Heritage and the Spanish legal regulations, and requires consensus of all the political parties of the Town Council. The Special Protection Plan was devised as a Strategic Management Plan that ensures the protection as a result of urban revitalisation processes. Its four strategic lines of action state that the Historical Ensemble must be a high-quality inhabited and, accessible area with economic opportunities. The Management Office, which is a "one-stop shop", is the main agency through which the inhabitants address procedures within the Historical Ensemble. Moreover, the Historical Ensemble Management Office devotes two days per week to citizens' consultation. Each of the 627 classified buildings benefits from an individually written Specific Ordinance of Preservation that details all the elements that must be conserved during interventions. A large number of minor and major planning permissions, commercial licenses and implementation orders are treated in order to address the problem of ruins and bad conservation. Furthermore, measures are taken to attract more residents to the Historical Ensemble.

The Town Council will continue with the implementation of the Special Protection Plan through its Management Office. Management and conservation actions will be focused on policies to increase and consolidate the number of permanent residents in the property, on extending town quality to surrounding areas through the regeneration of public spaces and restoration of buildings, and on ordinances for civic co-existence in order to reconcile inhabitants' needs with commercial and leisure activities.

State Party: Property	Spain: Santiago de Compostela (Old Town)
Id. N°	347
Date of inscription	1985

Brief synthesis

Santiago de Compostela (Old Town) is located in Galicia, situated in the far north-west of Spain.

In the beginning of the 9th century, a hermit called Pelagius saw a mysterious light shining over a Roman tomb forgotten in the middle of a forest. Very soon, the incredible news spread all over the Christian world: the tomb of St. James the Greater, the beloved apostle of Jesus Christ, had been discovered in a far site near the *finis terrae*, the end of the known Earth, in the northwest of Iberian Peninsula. A few years later, this site became a famous pilgrimage town, one of the most important of Christianity. Pilgrims came from all over Europe following the *Camino de Santiago* to reach the city born around the Holy Tomb, exercising a great influence on the surrounding area. This is evidenced in the small towns, churches, hospitals, and monasteries that were built near the *Camino*

to attend to the thousands of pilgrims who came to visit the tomb. This influence in the local architecture and art was especially strong and long-lasting in the north-west of Spain, but the fame and the reputation of the sanctuary of Santiago de Compostela went well beyond; Galicia was even known in the Nordic sagas as Jakobsland.

This famous pilgrimage site also became a symbol in the Spanish Christians' struggle against Islam. Destroyed by the Muslims at the end of the 10th century, it was completely rebuilt in the following century.

The Old Town of Santiago de Compostela, together with the outlying Santa Maria de Conxo Monastery, constitutes an extraordinary ensemble of distinguished monuments. The squares and narrow streets of the Old Town contain Romanesque, Gothic, Renaissance, Baroque, and Neoclassicist buildings. This town is not only a harmonious and very well preserved historical city, but also a place deeply imbued with faith. The cathedral, considered as a masterpiece of Romanesque architecture, keeps the remarkable Pórtico de la Gloria, a jewel of the medieval sculpture. However, the authentic symbol of the city is the Baroque western façade of the cathedral, which forms one of the sides of the square of Obradoiro, one of the world's most beautiful urban areas.

The phenomenon of pilgrimage is not only a relevant historical fact, but also a continuous movement thanks to the celebration of the Holy Years.

Criterion (i): Around its cathedral, which is a world renowned masterpiece of Romanesque art, Santiago de Compostela conserves a valuable historic centre, known as one of Christianity's greatest holy cities. All European cultural and artistic currents, from the Middle Ages to the present day, left extraordinary works of art in Santiago de Compostela.

Criterion (ii): During both the Romanesque and Baroque periods, the sanctuary of Santiago de Compostela exerted a decisive influence on the development of architecture and art, not only in Galicia, but also in the north of the Iberian Peninsula.

Criterion (vi): Santiago de Compostela is associated with one of the major themes of medieval history. From the shores of the North and Baltic Seas, thousands of pilgrims carrying the symbol of the scallop and the pilgrim's staff walked, for centuries, to the Galician sanctuary along the paths of Santiago de Compostela, veritable roads of the Faith.

Integrity

The property encompasses 108 ha, with a 217 ha buffer zone. Santiago de Compostela shows a remarkable state of conservation, largely due to conservation policies that have preserved the integrity of monuments and buildings that form the civil and religious architectural ensemble. Elements from the Middle Ages are integrated with those from the Renaissance, as well as the constructions from the 17th and 18th centuries into a high-quality urban fabric. The Old Town is a liveable and lively place where inhabitants and business coexist with tourism. The urban development has respected natural spaces where the green Galician fields join the historical city. In this respect, the property integrates the urban ensemble, historical oakwoods and open green spaces.

Authenticity

Throughout its history, Santiago de Compostela has received different influences, and the Old Town has integrated these different styles and currents with local traditions. The result of this mixture is a city where the original Galician architecture, with its typical wooden galleries and traditional materials, like stone, wood, or iron, combines with great monuments that constitute a splendid tour across the history of European and universal art.

Protection and management requirements

The conservation of Santiago de Compostela is the responsibility of the Consortium of Santiago de Compostela, created in 1991 and integrated by the national, regional, and local public administrations, as well as the archbishopric and the University. From its creation, the Consortium has carried out important works of restoration of monuments and public spaces, and has subsidized and implemented rehabilitation projects, both for housing and business premises in order to preserve the traditional activities of the historical centre. It also supports conservation actions carried out by the Town Hall of the city and the autonomous government of Galicia.

The regulatory framework that allows for conservation and management action is prescribed in the Special Plan for the Protection and Rehabilitation of the City of Santiago de Compostela.

In terms of management challenges, Santiago de Compostela is facing the pressures of mass tourism, which produces overcrowding around the cathedral and provokes changes in traditional commercial activities. Actions have been undertaken towards diversifying the touristic offer and diverting visitor flows to the suburbs of the city, such as with the construction of the City of the Culture of Galicia, a modern complex constructed by the Regional Government on Mount Gaias, in the proximity of the historical centre of Santiago de Compostela. In the future, adaptive changes will need to be foreseen in the Special Plan for the Protection and Rehabilitation of the City of Santiago de Compostela to preserve the traditional commercial activities in the Old Town, and to support the policies of conservation of buildings and monuments, as well as the recovery of degraded spaces.

State Party: Property	Spain: Works of Antoni Gaudí
Id. N°	320bis
Date of inscription	1984 - 2005

Brief synthesis

The Works of Antoni Gaudí is a serial property consisting of seven buildings by the architect Antoni Gaudí (1852–1926) located in Barcelona and its surrounding areas. The property attests to the exceptional creative contribution of this architect to the development of architecture and construction technology in the 19th and early 20th centuries. The Parc Güell, the Palau Güell, the Casa Milà-La Pedrera, the Casa Vicens, the Nativity Façade and the Crypt of the Sagrada Família, the Casa Batlló, and the Crypt of the Colònia Güell reflect an eclectic, very personal style to which Gaudí gave free rein in the field of architecture, as well as in the design of gardens, sculptures, and indeed all the arts.

The Works of Antoni Gaudí is an exceptional and outstanding creative contribution to the architectural heritage of modern times. His work is rooted in the particular character of the period, drawing on the one hand from traditional Catalan patriotic sources and on the other from the technical and scientific progress of modern industry. Gaudí's work is a remarkable reflection of all these different facets of society and has a unique and singular character. In fact, his works are particularly associated with *Modernisme*, and in this sense, Gaudí can be regarded as the most representative and outstanding of the *Modernista* architects.

Gaudí's work is an exceptional creative synthesis of several 19th-century artistic schools, such as the Arts and Crafts movement, Symbolism, Expressionism, and Rationalism, and is directly associated with the cultural apogee of Catalonia. Gaudí also presaged and influenced many forms and techniques of 20th-century Modernism.

Criterion (i): The work of Antoni Gaudí represents an exceptional and outstanding creative contribution to the development of architecture and building technology in the late 19th and early 20th centuries.

Criterion (ii): Gaudí's work exhibits an important interchange of values closely associated with the cultural and artistic currents of his time, as represented in el Modernisme of Catalonia. It anticipated and influenced many of the forms and techniques that were relevant to the development of modern construction in the 20th century.

Criterion (iv): Gaudí's work represents a series of outstanding examples of the building typology in the architecture of the early 20th century, residential as well as public, to the development of which he made a significant and creative contribution.

Integrity

In general, all the component parts of the property enjoy a high degree of integrity and have retained a good relationship with their surroundings, whether urban or natural.

The Palau Güell, originally a family home, is now a cultural and tourist facility that retains its architectural integrity, form, and original decoration. The Parc Güell is still used as a public park and green space, the purpose for which it was designed; now combining this with tourist and cultural use, while conserving the original features in their entirety. The Casa Milà-La Pedrera and the Casa Batlló, a pre-existing building remodelled by Gaudí, largely conserve their original design as apartment buildings, combining this in present day with other uses, such as offices and cultural and tourist facilities. Some monuments, such as the Casa Vicens, have retained over time both their physical appearance and their use as family homes. The Crypt of the church of the Colònia Güell is the only component to have been built as part of a larger project for the church. Subsequently, a temporary roof was erected over the Crypt. The present roof maintains the overall integrity of the Crypt as constructed by Gaudí. It also currently retains its use as the church of the Colònia Güell. In the case of the Sagrada Família, the integrity of the part built by Gaudí is intact. Furthermore, its current function as a church corresponds with the use originally intended, maintaining its religious symbolism and being a landmark for the city of Barcelona.

Authenticity

In general, all the buildings by Antoni Gaudí that are part of the serial property possess a fair degree of authenticity. Restoration works have reflected these qualities in the conditions for interventions.

The Palau Güell has undergone a general restoration to improve its conservation and enhance its cultural use, highlighting the authenticity of its architectural and decorative features. The Parc Güell has undergone a variety of minor and structural restorations to repair damage caused by its intensive public use and exposure to the elements. The Casa Milà-La Pedrera has been comprehensively restored to improve its state of conservation, highlight certain unique features such as the roof, attics, "noble" floor, etc., and to make it more suitable for cultural uses and public visits. The Casa Vicens has undergone only minor conservation and restoration work. The Casa Batlló has been restored to improve its state of conservation and enhance its use for cultural purposes.

At the Crypt of the Colònia Güell, the structure has been restored, preserving and consolidating Gaudí's Crypt, substituting the stairs and the deteriorating temporary roof. The new roof is based on modern design criteria and does not interfere with visibility from the surrounding area. There were also structural problems, due to the fact that the columns were not receiving the load they were originally designed to take. Nonetheless, the work by Gaudí in the Crypt has been correctly restored and has not lost its originality.

In the case of the Sagrada Família, the authenticity of the part built by Gaudí – the Nativity Façade and the Crypt – has been preserved in terms of its material, form, and workmanship.

Construction work on the church is continuing at the present time. The work originally performed by Gaudí must be considered in the context of the overall project that he himself had planned, which is now close to being brought to completion in accordance with the evidence and guidelines that have been drawn up and scientifically verified.

Protection and management requirements

Protection legislation includes Law 16/1985 of 25 June concerning Spanish Historical Heritage, Law 9/1993 of 30 September concerning Catalan Cultural Heritage, and Decree 276/2005 concerning Territorial Commissions for the Cultural Heritage. Legislation at the municipal level, including the Metropolitan General Plan, the Special Plan to protect the architectural heritage of the city of Barcelona, and the Special Plan to protect the architectural heritage of the Colònia Güell residential district, grants additional protection.

In terms of management, there are numerous authorities involved in decision making at the levels of the State, the Autonomous Community, and the municipality. Similarly, ownership is varied: Parc Güell is owned by the Barcelona City Council, Palau Güell by the Barcelona Provincial Council, Casa Milà-La Pedrera by the Fundació Catalunya - La Pedrera, and Casa Vicens is private property. Casa Batlló is owned by Inmobiliaria Casa Batlló SL, Sagrada Família by the Board of the Sagrada Família, and the Crypt of the Colònia Güell by Colònia Güell Consortium. Management of the property also has to reconcile diverse uses such as public garden (Parc Güell), culture and tourism, and religious and residential use.

The Territorial Commission for the Cultural Heritage of Barcelona and the Territorial Commission of the city of Barcelona are ultimately responsible for the management and administration of the inscribed property, in accordance with the legislative and regulatory framework. In addition, different component parts have specific conservation, maintenance, and master plans to address particular conditions. The management of the property will need to respond effectively to the increased pressure from the growing number of visitors and continue its work on the protection and restoration of the structural and decorative elements, with attention paid to the behaviour and decay processes of the materials used (iron, ceramics, etc.).

State Party: Property	Turkey: Archaeological Site of Troy
Id. N°	849
Date of inscription	1998

Brief synthesis

The Archaeological Site of Troy has 4,000 years of history. Its extensive remains are the most significant and substantial evidence of the first contact between the civilizations of Anatolia and the burgeoning Mediterranean world. Excavations started more than a century ago have established a chronology that is fundamental to the understanding of this seminal period of the Old World and its cultural development. Moreover, the siege of Troy by Mycenaean warriors from Greece in the 13th century B.C., immortalized by Homer in *The Iliad*, has inspired great artists throughout the world ever since.

Troy is located on the mound of Hisarlık, which overlooks the plain along the Turkish Aegean coast, 4.8 km from the southern entrance to the Dardanelles. The famous archaeologist Heinrich Schliemann undertook the first excavations at the site in 1870, and those excavations could be considered the starting point of modern archaeology and its public recognition. Research and excavations conducted in the Troia and Troas region reveal that the region has been inhabited for 8,000 years. Throughout the centuries, Troy has acted as a cultural bridge between the Troas region and the Balkans, Anatolia, the Aegean and Black Sea regions through migration, occupation, trade and the transmission of knowledge.

24 excavation campaigns, spread over the past 140 years, have revealed many features from all the periods of occupation in the citadel and the lower town. These include 23 sections of the defensive walls around the citadel, eleven gates, a paved stone ramp, and the lower portions of five defensive bastions. Those archaeological remains date for the most part from Troy II and VI; however, a section of the earliest wall (Troy I) survives near the south gate of the first defences. In the last 15 years, it has become clear that a Lower City existed south of the mound in all prehistoric periods and extended to about 30 ha in the Late Bronze Age. Several monuments, including the

temple of Athena and the recently excavated sanctuary, are part of the Greek and Roman city of Ilion, at the site of Troy. The Roman urban organization is reflected by two major public buildings on the edge of the *agora* (central market place), the *odeion* (concert hall) and the nearby *bouleuterion* (council house).

The surrounding landscape contains many important archaeological and historical sites, including prehistoric settlements and cemeteries, Hellenistic burial mounds, monumental tumuli, Greek and Roman settlements, Roman and Ottoman bridges and numerous monuments of the Battle of Gallipoli.

Criterion (ii): The archaeological site of Troy is of immense significance in the understanding of the development of European civilization at a critical stage in its early development. It documents an uninterrupted settlement sequence over more than 3,000 years and bears witness to the succession of civilisations. The role of Troy is of particular importance in documenting the relations between Anatolia, the Aegean, and the Balkans, given its location at a point where the three cultures met.

Criterion (iii): The Archaeological Site of Troy bears witness to various civilizations that occupied the area for over 4,000 years. Troy II and Troy VI provide characteristic examples of an ancient oriental city in an Aegean context, with a majestic fortified citadel enclosing palaces and administrative buildings, surrounded by an extensive fortified lower town. Several other monuments and remains reflect the characteristics of Roman and Greek settlements, and other distinct attributes bear witness to the Ottoman settlements.

Criterion (vi): The Archaeological Site of Troy is of exceptional cultural importance because of the profound influence it had on significant literary works such as Homer's *Illiad* and Virgil's *Aeneid*, and on the arts in general, over more than two millennia.

Integrity

The inscribed property contains all the necessary elements to express its Outstanding Universal Value. The archaeological remains still allow for an impressive insight into the Bronze Age city with its fortifications, palaces and administrative buildings. Of the Greek and Roman periods, two major public buildings on the edge of the *agora* have survived in almost complete condition.

Authenticity

The authenticity of the archaeological site is high, since there have been very few reconstructions. Those that have taken place on the defences have been carried out in strict accordance with the principles of anastylosis. The authenticity of the surrounding landscape is also high, and represents an organic development from prehistory to the present century that has not been subject to any obtrusive tourism development.

Protection and management requirements

The 1968 Decree No 3925 of The Superior Council of Immovable Cultural and Natural Property, under the authority of the Ministry of Culture and Tourism, designated the Archaeological Site of Troy as a historic site. The Antique City of Troy was also registered as first-degree archaeological site and a conservation zone was created in 1981 by Decision No 12848 of The Supreme Council of the Immovable Ancient Objects and Monuments. The limits of the Antique City of Troy have been defined by the 1995 decision No 2414 of the Edirne Conservation Council of Cultural and Natural Properties and were made to coincide with those of the World Heritage property. It is thus protected under the provisions of Law No 2863 of the Republic of Turkey on the Conservation of Cultural and Natural Property. Under this legislation, sites and the movable properties discovered on them are State property and no works may be carried out without the authorization of the related Regional Council. With the Cabinet Decree No 8676 of 1996, the antique city of Troy and the surrounding landscape were inscribed as a "National Historical Park". To date, the majority of archaeologically relevant areas of Troy are owned by the State and thus protected by law. Following the compulsory purchase of a number of holdings in 1994, 75% of the lower town and the cemeteries are now in State ownership and further appropriation measures are currently in progress. The remaining land in private ownership is under cultivation.

The overall responsibility for the protection and conservation of the designated sites rests with the General Directorate of Cultural Heritage and Museums. Collaborating institutions at regional level are the Çanakkale Council for the Preservation of the Cultural Heritage, the Governorship of Çanakkale and the Çanakkale Museum.

The National Parks Department of the Ministry of Forests collaborates with the Ministry of Culture on issues regarding the surrounding landscape. A plan for its preservation was prepared by the Department in 1971, revised in 2010, and constitutes the primary planning document for the management of the property.

State Party: Property	Turkey: City of Safranbolu
Id. N°	614
Date of inscription	1994

Brief synthesis

The City of Safranbolu is a typical Ottoman city, with typical buildings and streets, and played a key role in the caravan trade over many centuries. The settlement developed as a trading centre after the Turkish conquest in the 11th century, and by the 13th century, it had become an important caravan station. Its layout demonstrates the organic growth of the town in response to economic expansion, and its buildings are representative of its evolving socio-economic structure up to the disappearance of the traditional caravan routes and beyond.

Safranbolu consists of three distinct historic districts; the market place area of the inner city, known as Çukur, the area of Kiranköy, and Bağlar (the Vineyards). Çukur lies in the lower part of the town and has a triangular shape defined by two rivers. Its centre is the market place, surrounded by the houses and workshops of craftsmen. The segregation of the city centre is very typical for Anatolian cities. Kiranköy was formerly a non-Muslim district, with a socio-architectural pattern similar to that in contemporary European towns, with the artisans and tradesmen living above their shops. The houses in this district are built of stone, in contrast to the wooden houses in Çukur, which illustrates how the separation of Muslim and non-Muslim quarters during the Ottoman Period enabled each community to establish settlements according to their own traditions.

The pattern of settlement in Bağlar (the Vineyards) consists of single houses set within large gardens. This district on the northwest slope of the city, looking to the south, was the summer resort for the city.

The streets in Çukur and Kiranköy are narrow and curved, creating a wider view at the corners following topographic lines, and the various consoles of the houses contribute to creating interesting street perspectives. The streets feature stone paving, sloping inwards to evacuate surface water, and older houses are half-timbered, while the spaces between the timbers are filled with various building materials. There are no windows on the street frontage, so that stone walls resemble extensions of garden walls. The main rooms on the first floors are usually panelled with built-in cupboards, fireplaces, shelves and benches. Many of the ceilings are lavishly carved and painted. The rooms serve different purposes and are connected together with halls called “sofa”, which are very important elements of the house.

Criterion (ii): By virtue of its key role in the caravan trade over many centuries, Safranbolu enjoyed great prosperity. As a result, it set a standard in public and domestic architecture that exercised a great influence on urban development over a large area of the Ottoman Empire.

Criterion (iv): For centuries, the caravan trade was the main commercial link between the Orient and Europe. As a result, characteristic towns developed along its route. With the emergence of railways in the 19th century, these towns abruptly lost their *raison d'être*, and most of them were adapted to other economic purposes. After the collapse of the caravan trade, Safranbolu's proximity to the Karabük steel works gave it a new socio-economic role, although it preserved its original form and buildings to a remarkable extent.

Criterion (v): Safranbolu is a typical Ottoman city that displays an interesting interaction between its topography and historic settlement.

Authenticity

There is no doubt about the authenticity of the street layout and the general townscape of Safranbolu, which is evocative of pre-industrial Turkey. However, the level of authenticity in individual buildings is largely related to changes that have occurred in the interior parts as a response to modern needs and industrialization. With tourism growth, there has been a trend to renovate houses and turn them into tourism facilities, e.g. hotels, restaurants, etc. Although this has played an important, revitalising role and contributed to the restoration and use of vacant historic buildings, careful monitoring is required to ensure that conditions of authenticity in terms of form and design continue to be met. Some of the factors that may threaten the authenticity of the property are inadequate tourism practices, predominantly the souvenir shops within the Çarşı region, the decreasing number of experienced local masters performing restoration works, and the deterioration of the traditional houses; those factors require monitoring and appropriate management measures.

Integrity

The architectural features of the buildings and the street patterns continue to convey the Outstanding Universal Value of the property. The integrity of the historic settlement pattern within the three districts, Çukur, Bağlar (the Vineyards) and Kiranköy, are largely intact. Safranbolu has preserved its original appearance and buildings to a remarkable extent and the boundaries of the property are adequate to reflect the site's significance. There have been no major changes to the integrity of the property since its inscription, but it remains vulnerable to external pressures, and continuous efforts are needed to better preserve the traditional townscape and retain its integrity.

Protection and management requirements

The site was declared as urban and natural site according to the National Conservation Law No 2863. Management of the historic areas of Safranbolu is under the responsibility of the Municipality of Safranbolu and the approval of the Regional Conservation Council must be obtained for physical interventions and functional changes in registered buildings and conservation sites.

The Regional Conservation Council approved a conservation plan. In order to provide more efficient and integrated conservation within the property, a buffer zone was defined during the preparation process of the conservation plan and approved by the conservation council in 2008. With the conservation plan, detailed conservation and restoration principles and standards were defined and different interventions have been carried out, attempting to balance conservation and use.

Resources for conservation, maintenance and protection action are derived from tourism activities, and are reinforced by amendments to the conservation legislation.

In addition, there is a Faculty of Architecture and a Vocational High School dedicated to restoration in Safranbolu, which provide technical support to the Municipality in the field of conservation. NGOs and the University contribute to raise public awareness in the City of Safranbolu.

The management and conservation of the property require sustained investment and monitoring in order to safeguard its Outstanding Universal Value. Management and conservation tools need to be continuously revised to continue to respond to emerging trends and threats.

State Party: Property	Turkey: Hattusha the Hittite Capital
Id. N°	377
Date of inscription	1986

Brief synthesis

Hattusha: the Hittite Capital is located in Boğazkale District of Çorum Province, in a typical landscape of the Northern Central Anatolian Mountain Region. It lies at the south end of the Budaközü Plain, on a slope rising approximately 300 m above the valley, and is divided by the Kızılarkaya creek into the lower city in the north and the upper city in the south.

The property consists of the Hittite city area, the rock sanctuary of Yazılıkaya on the north, the ruins of Kayalı Boğaz on the east and the İbikçam Forest on the south. A monumental enclosure wall of more than 8 km in length surrounds the whole city. There are remains of older walls around the lower city and section walls dividing the large city area in separate districts. The ruins of the upper city's fortification form a double wall with more than hundred towers and, as far as is known today, five gateways: two in the west, the Lion's Gate in the south-west, the King's Gate in the south-east and a procession gate, the Sphinx Gate in the south of the city. The latter is located on top of a high artificial bastion with stone-plastered slopes, with two staircases leading to the gateway at the top and an arched stone tunnel running underneath. The impressive ruins of fortifications, placed on rocky peaks in the centre of the Upper City, bear witness to the complexity of Hittite rock masonry, and the longest known Hittite hieroglyphic inscription from the Hittite Empire can be found in the Upper City at Nişantepe.

The best-preserved ruin of a Hittite Temple from the 13th century B.C., known as Great Temple, is located in the Lower City. Other temples of similar date and shape, albeit generally smaller, are situated in the Upper City, which mostly consisted of a temple city for the gods and goddesses of the Hittite and Hurrian pantheon. The remains of a densely inhabited city district were unearthed in the Lower City, where their foundations and arrangement can still be seen in the area north from Great Temple.

The famous rock sanctuary of Yazılıkaya, which is an open-air temple with two natural chambers cut into the bedrock, lies 2 km northeast of the capital, on a slope of a mountain barrier. The walls of the rock chambers are covered with the richest and most striking samples of Hittite relief art, featuring gods and goddesses and the figures of the Great King Tuthaliya IV. Kayalı Boğaz, first mentioned in cuneiform inscriptions, is a large fortified settlement located 1.5 km east of the King's Gate. It may have served as one of the outposts and strongholds, located in the countryside to watch and control the main roads leading to the city. The İbikçam Forest represents one of the last remaining examples of a dense forest covering the mountains south of the capital in Hittite times.

Hattusha is an archaeological site remarkable for its urban organization, the types of construction and rich ornamentation that have been preserved and for the ensemble of rock art.

Criterion (i): The city's fortifications, along with the Lions' Gate, the Royal Gate and the Yazılıkaya rupestal ensemble and its sculptured friezes, represent unique artistic achievements.

Criterion (ii): Hattusha exerted a dominating influence upon the civilizations of the 2nd and 1st millennia B.C. in Anatolia and northern Syria.

Criterion (iii): The palaces, temples, trading quarters and necropolis of this political and religious metropolis provide a comprehensive picture of a Hittite capital and bear a unique testimony to the now extinct Hittite civilization.

Criterion (iv): Several types of buildings or architectural ensembles are perfectly preserved in Hattusha: the royal residence, the temples and the fortifications.

Integrity

All the attributes necessary to express the Outstanding Universal Value are located within the property. Given the location of the property, there are no detrimental effects or threats from industrial development. Residential areas are also at a considerable distance from the archaeological site and spread to the north and northwest, which implies that urban development is currently not a threat to the property. The setting of the property within its natural environment, without any modern impact, has also been maintained.

Authenticity

Combined archaeological research, long-term restoration and preservation efforts of the German Archaeology Institute, in close cooperation with the Turkish authorities, have uncovered a large variety of buildings such as temples, palaces and dwellings, but also technical and communal installations such as large buried granaries and artificial water ponds. Those discoveries gave access to one of the most fascinating ancient cities of the Near and Middle East. Although interventions have been carried out for conservation purposes, attributes have largely retained their authenticity in terms of form, design and layout, allowing visitors to experience a Bronze Age metropolis and understand the relations between the buildings. Careful consideration to the use of restoration materials and techniques is needed to ensure that these conditions continue to be met.

Protection and management requirements

The ancient city area, Kayalı Boğaz and Yazılıkaya are under the protection of National Conservation Law No 2863. The ancient city area was declared a 1st and 2nd degree archaeological site, while Kayalıboğaz and Yazılıkaya were declared as 1st degree archaeological sites. Furthermore, the area encompassing Kayalıboğaz, Yazılıkaya and the ancient city was declared 2nd and 3rd degree archaeological zones, allowing to control all the interventions and to support the conservation of the inscribed property. The approval of the Regional Conservation Council has to be obtained for all physical interventions within the property. Furthermore, the property is located within the Bogazköy – Alacahöyük National Park, which was approved by the 1988 Council of Ministers' Degree No 13331. This administrative organization guarantees that archaeological, historical, cultural and natural values are protected together to sustain the Outstanding Universal Value of the property. Conservation and protection of the property are carried out jointly by the Turkish Ministry of Culture and Tourism and the Çorum Museum. Furthermore, those authorities control all activities relating to the archaeological site and any infrastructural developments in its immediate surroundings. Decision making is guided by conservation plans for the sites, approved by the Conservation Council's decisions. These planning tools require systematic review to ensure the long-term protection of the property.

State Party: Property	Turkey: Xanthos-Letoon
Id. N°	484
Date of inscription	1988

Brief synthesis

Made up of two neighboring settlements located in the southwestern part of Anatolia, respectively within the boundaries of Antalya and Muğla Provinces, Xanthos-Letoon is a remarkable archaeological complex. It represents the most unique extant architectural example of the ancient Lycian Civilization, which was one of the most important cultures of the Iron Age in Anatolia. The two sites strikingly illustrate the continuity and unique combination of the Anatolian, Greek, Roman, and Byzantine civilizations. It is also in Xanthos-Letoon that the most important texts in Lycian language were found. The inscriptions engraved in rock or on huge stone pillars on the site are crucial for a better understanding of the history of the Lycian people and their Indo-European language.

Xanthos, which was the capital of ancient Lycia, illustrates the blending of Lycian traditions with the Hellenic influence, especially in its funerary art. The rock-cut tombs, pillar tombs and pillar-mounted sarcophagi in Xanthos are unique examples of ancient funerary architecture. Their value was already recognized in Antiquity and they influenced the art of neighboring provinces: the Mausoleum of Halicarnassus is for instance directly influenced by the Xanthos Nereid Monument. The fact that some architectural and sculptural pieces of the sites were taken to England in the 19th century, including the Monument of Harpy, the Tomb of Payava and the Nereid Monument, led to their world-wide recognition, and consequently the Xanthos marbles became an important part of the history of ancient art and architecture.

East of the Xanthos River (Eşen Çayı), the first monumental zone includes the old Lycian Acropolis, which was remodeled during the Hellenistic and Byzantine periods. At that time, a church was built at the northeast corner,

while an advanced defensive structure fortified the western side of the citadel along the river. Directly north of the Acropolis stands a very beautiful theatre that dominates the Roman agora. This area also features great Lycian funerary monuments imitating woodwork, which are characteristic of the archaeological landscape of Xanthos and rise up spectacularly from the ruins. There is a second, more complex archaeological zone that extends between the Vespasian Arch to the south and the Hellenistic Acropolis to the north. The lower part of the town, which includes the Hellenistic Agora and Byzantine churches, was located in this part of the site.

Letoon, on the other hand, was the cult center of Xanthos, the ancient federal sanctuary of the Lycian province and Lycian League of Cities. As many inscriptions found at the site demonstrate, the federal sanctuary was the place where all religious and political decisions of the ruling powers were declared to the public. The famous trilingual inscription, dating back to 337 B.C., features a text in Lycian and Greek as well as an Aramaic summary and was discovered near the temple of Apollo. In the sanctuary of Letoon, three temples are dedicated to Leto, Artemis and Apollo. In addition, the site includes the ruins of a nymphaeum dating back to Hadrian, built on a water source that was considered sacred.

Criterion (ii): Xanthos-Letoon directly influenced the architecture of the principal ancient cities of Lycia such as Patara, Pinara, and Myra, as well as the neighboring provinces. The Halicarnassus Mausoleum, which was ranked as one of the Seven Wonders of the Ancient World, is directly influenced by Xanthos' Nereid Monument.

Criterion (iii): Xanthos-Letoon bears exceptional testimony to the Lycian civilization, both through the many inscriptions found at the two sites and through the remarkable funerary monuments preserved within the property. The longest and most important texts in the Lycian language were found in Xanthos-Letoon. The inscriptions, most of which were carved in rock or on huge monoliths, are considered exceptional evidence of this unique and long-forgotten Indo-European language. The rock art tombs, pillar tombs and pillar-mounted sarcophagi represent a novel type of funerary architecture. The rich series of Lycian tombs in Xanthos and Letoon enable us to fully understand the successive acculturation phenomena that took place in Lycia from the 6th century onwards.

Integrity

The inscribed property includes all the necessary attributes, mainly original monuments and archaeological remains, which convey its Outstanding Universal Value. All components remain largely intact and are not affected by the negative effects of tourism or modern settlements.

Today, the only factor threatening the integrity of the property is the paved road that has crossed the antique city for many years. Within the framework of the revised Conservation Legislation put into force in 2004, the Regional Council for Conservation of Cultural Heritage decided to close this road in 2010. In addition, wire fence was used to surround the area. However, as these measures could not be implemented efficiently, further action is necessary to ensure that the integrity of the property is no longer impacted. These include the rerouting of the road according to suggestions made in the Conservation Plan.

Authenticity

Xanthos-Letoon has retained the authenticity of its features, largely due to the property's distance from any modern settlement.

The monuments revealed during archaeological excavations have gone through important restoration and conservations works, which have not impacted their authenticity in terms of design and layout. The most important project was the reconstruction of the temple of Leto in its original setting between 2000 and 2007. The architectural pieces that belonged to the temple of Leto, which were found during excavations carried out since 1950s, enabled the successful completion of this project. Some important restoration, conservation and consolidation works were also carried out on the Early Christian Church and monumental nymphaeum.

Protection and management requirements

The Antique City of Xanthos and Letoon was registered as a 1st degree archaeological site and is subject to National Conservation Legislation. The inscribed property is also within the boundaries of "Environment Protection Zone", under the responsibility of the Ministry of Environment and Urbanization. The Regional Conservation Council and Special Environmental Protection Agency approved the conservation plan for Xantos in 2001 and the related Regional Conservation Council approved the Conservation Plan for Letoon in 2006. Both planning tools have been implemented and require systematic monitoring and review to ensure their efficiency for the management of the property.

The monuments and archaeological remains within the sanctuary of Letoon are threatened by seasonal rising of the ground water table. Mitigation efforts were made in 2006 with the construction of water channels to lessen the level of water during excavation works. Another issue for Letoon is the visual pollution created by many greenhouses in the fertile alluvial lands of the site. As for Xanthos, the presence of the paved road cutting through the site requires additional measures to be fully addressed.

The Ministry of Culture and Tourism has started works for the preparation of a Landscaping Project for Xanthos and Letoon that will address the issues of the property, including environmental control and the preservation of the monuments. Within the framework of this project, the site of Letoon will be equipped with recreation and

promenade areas. This project will also address questions of visitor management, develop awareness-raising policies, and aim to actively involve both the local communities and the visitors.

State Party: Property	Ukraine: Kiev: Saint-Sophia Cathedral and Related Monastic Buildings, Kiev-Pechersk Lavra
Id. N°	527bis
Date of inscription	1990

Brief synthesis

The Saint-Sophia Cathedral and Related Monastic Buildings and Kiev-Pechersk Lavra represent two outstanding complexes of cultural heritage monuments from the Middle Ages and Early Modern period (Kievan Rus and Hetmanate Periods).

The property consists of two separate components: Saint-Sophia Cathedral and its related monastic buildings and the monastic complex of Kiev-Pechersk Lavra with the Church of the Saviour at Berestovo.

Saint-Sophia Cathedral, located in the historic centre of Kiev, is one of the major monuments representing the architectural and the monumental art of the early 11th century. The Cathedral was built with the participation of local builders and Byzantine masters during the reign of the Great Prince of Kiev, Yaroslav the Wise, as the main Christian Church of the Kievan Rus capital. The Cathedral has preserved its ancient interiors and the collection of mosaics and frescoes of the 11th century is unique for its integrity. Its masterpieces include the Pantocrator, the Virgin Orans, the Communion of the Apostles, the Deisis and the Annunciation. The architecture and monumental art of the Cathedral had a wide influence on the architecture and decoration of the Kievan Rus temples. Monastic buildings constructed in the 17th and 18th centuries in the Ukrainian Baroque style surround the Cathedral. The architectural ensemble includes the bell tower, Metropolitan's house, the refectory, the Zaborovsky gate, the south entrance tower, the cells of cathedral elders and the seminary encircled by a stone wall. Over the centuries, the Cathedral and monastic buildings have expressed a unique harmony of architectural and natural forms, and national spirit and have held a significant place in the traditional historic landscape of Kiev.

The Kiev-Pechersk Lavra is an architectural ensemble of monastic buildings situated on the plateau overlooking the right bank of the Dnieper River. The ensemble was formed over many centuries in organic combination with the landscape, and acts as a general urban dominant. Founded by St. Anthony and St. Theodosy in the 11th century, the monastery became a prominent spiritual and cultural centre that made a significant contribution to the development of education, art and medicine. The architectural ensemble of Kiev-Pechersk Lavra comprises unique surface and underground churches from the 11th to the 19th centuries, in a complex of labyrinthine caves that expands more than 600m, as well as domestic and household buildings from the 17th to the 19th centuries. The architectural ensemble acquired its modern aspect as a result of construction activities in the 17th to the 18th centuries in the heyday of the Ukrainian Baroque. The main monuments of the Kiev-Pechersk Lavra ensemble are the Dormition Cathedral, the Trinity Gate Church, the Great Bell Tower, the Church of All Saints, the Refectory Church, the monastery defensive walls with towers, the cave complexes of St. Anthony (Near) and St. Theodosy (Far) with surface churches, the Exaltation of the Cross and the Nativity of the Virgin and the Church of the Saviour on Berestovo.

For centuries, the Kiev-Pechersk Monastery, with relics of saints buried in caves, has been one of the most important Christian pilgrimage centres in the world.

Criterion (i): Kiev: Saint-Sophia Cathedral and Related Monastic Buildings, Kiev-Pechersk Lavra represents a masterpiece of human creative genius in both its architectural conception and its remarkable decoration.

Saint-Sophia Cathedral is a unique monument of architecture and monumental art of the early 11th century having the biggest preserved collection of mosaics and frescoes of that period. The Cathedral's architecture is distinguished by supplementary naves added to the five-nave core and pyramidal spatial composition of the cross dome church. The monumental decoration of the Cathedral composes an ensemble unique for its conceptual design that reflects the major theological ideas of the time and is an outstanding example of Byzantine art. The huge pantheon of Christian saints depicted in the Cathedral has an unrivaled multiplicity among Byzantine monuments of that time. The mural paintings of the Cathedral also include a complex of unique secular frescoes in the stair towers made in the tradition of Byzantine art.

The ensemble of Kiev-Pechersk Lavra is a masterpiece of Ukrainian art that was definitely formed during the Baroque period. It integrates unique surface and underground buildings and structures of the 11th-19th centuries combined with a rich landscape.

Criterion (ii): The property is a result of the cultural interaction of the Kievan Rus, the Byzantine Empire and Western Europe. Architecture and monumental painting at the property reflect the changes of Byzantine

architectural and artistic traditions that acquired a new sense under the influence of local vision. It revealed, in spiritual tradition as well as in architectural planning, encompassing the tradition of underground Orthodox cult architecture of Kiev-Pechersk Lavra. The Dormition Cathedral was an example for the construction of similar churches in the Eastern Europe region during the 12th to 15th centuries.

Criterion (iii): Kiev: Saint-Sophia Cathedral and Related Monastic Buildings, Kiev-Pechersk Lavra bears exceptional testimony to the centuries-old Byzantine cultural traditions of neighboring countries in general and of Kievan Rus in particular. Over the centuries the property had a major spiritual influence in Eastern Europe.

Criterion (iv): Saint-Sophia Cathedral is a unique edifice that reflects in its architecture and mural decoration the peculiarities of churchwarden order. The construction of the Cathedral laid the foundation of an architectural school that influenced the cult architecture and monumental art of Kievan Rus and then of Eastern Europe.

Kiev-Pechersk Lavra is an exceptionally valuable architectural ensemble formed over the course of almost nine centuries, which reflects changes in stylistic trends in architecture, as well as the process of the improvement of engineering structures.

Integrity

All important elements and attributes necessary to convey the Outstanding Universal Value are contained within the boundaries of the property and are preserved.

According to the original design, Saint-Sophia Cathedral was built as a dominant architectural element of the urban environment open to a wide and overall view. In the 19th century, the setting of the Cathedral changed due to the modification of the traditional urban fabric.

The integrity of the ensemble of the Kiev-Pechersk Lavra suffered during the Second World War, when the Dormition Cathedral, the main Lavra church, was almost entirely destroyed, with the exception of its southeast tower. In 1999-2000, the Cathedral was reconstructed according to the architectural forms of the period of the Ukrainian Baroque in the late 18th century.

With regards to the hydrogeological conditions, the Kiev-Pechersk Lavra caves require a constant monitoring over the state of their preservation and the implementation of preventive measures.

Rapid urban development, particularly from high-rise buildings, and the lack of protection and planning mechanisms can threaten the immediate surroundings of the property. The integrity of the property in terms of spatial links between its components and their relationship with the surrounding urban and monastic river landscapes also requires a structured planning to address any potential threat.

Authenticity

The property's attributes reflect its Outstanding Universal Value. All built elements are restored by using original materials.

Reconstruction works undertaken at Saint-Sophia were awarded the "European Gold Medal for the Protection of Historic Monuments" in 1987. Saint-Sophia Cathedral and Related Monastic Buildings are used as a museum for educational purposes and for state events.

Kiev-Pechersk Lavra is used for museum purposes as well as for religious practices that correspond to its original purpose.

Although the dominance of the silhouette of the ensemble has been diminished by urban development, the traditional panoramas and silhouettes of Kiev-Pechersk Lavra along the Dnieper River are preserved.

Protection and management requirements

Kiev-Pechersk Lavra was declared a "State historical and cultural reserve" in 1926 and Saint-Sophia Cathedral with Related Monastic buildings in 1934.

The property is managed according to the relevant legislation, including the Laws of Ukraine "On Protection of Cultural Heritage", "On Protection of Archeological Heritage". In addition, various Decrees of the Cabinet of Ministers of Ukraine are providing the site-specific legal framework for the protection, conservation and use of the property.

The National Conservation Area "Saint-Sophia of Kiev" and the National Kiev-Pechersk Historical and Cultural Reserve are managed by the Ministry of Culture of Ukraine, which is now responsible for the unified operational management of the whole property.

According to the national legislation Plans of the Territory Organization of both components of the property (National Conservation Area "Saint-Sophia of Kiev" and Kiev-Pechersk National Historical and Cultural Reserve) were developed. These plans define the boundaries and regimes for the buffer zone of the property, the action plan for restoration, conservation and protection of the property. The above-mentioned plans correspond to the Conservation Plan. Moreover, annual plans of restorations of monuments, territories and engineering systems of the property are approved at the national level.

In order to secure the preservation of the Varangian caves, a draft conservation program and an action plan have been developed for those sections of the caves that require preventive and rehabilitation measures.

To address conservation and management challenges, the Management Plan will need to be fully operational. Enforcement of legislative and regulatory measures will be crucial to ensure that the Outstanding Universal Value of the property is sustained. Planning tools will need to be coordinated to ensure that a policy, based on studies of the urban landscape and defined views, is in place to control development within the buffer zone and its wider setting.

State Party: Property	United Kingdom of Great Britain and Northern Ireland: Historic Town of St George and Related Fortifications, Bermuda
Id. N°	983
Date of inscription	2000

Brief synthesis

The Town of St George is of Outstanding Universal Value as an authentic and the earliest example of the English colonial town in the New World. Its associated fortifications graphically illustrate the development of English military engineering from the 17th to the 20th century, adapted to take into account the development of artillery over this period. Some of these are unique as surviving examples of the first defensive works built by early European colonists, few examples of which now remain intact. The later associated forts represent an excellent example of a continuum of British coastal fortifications.

The permanent settlement of St George began in August 1612. The inscribed area consists of the Town of St George on St George Island as well as fortifications on the Island and on a number of small islands commanding access to the Town and to the anchorage of Castle Harbour, at the eastern end of the Bermuda Islands in the North Atlantic. The layout of the Town is one that has grown organically over nearly four centuries. At its heart is King's Square (or Market Square), adjacent to the harbour, and providing the link between the harbour and the two main east-west roads that connect the Town with the rest of Bermuda: Water Street, giving access to the quays, and York Street to the north, the main street of the Town. The streets to the north provide a network of what began as narrow, winding lanes and alleys. The architecture of Bermuda is unique, and has changed little in its basic elements since the end of the 17th century. Different from other European-founded cities of the New World, St George has maintained the individually separated house for habitation, so typical of the English settlements in North America. Because of the nature of the soft limestone that continues to be used for construction, walls, including roofs, are white-washed. Buildings rarely exceed two storeys and many are only one storey in height. Since sources of water are scarce on the island, the white colour of the roofs and pitch are designed to collect rain water into cisterns through gutters and other conduits adding to the unique appearance of the Town.

St George was a garrison town from its earliest days, and military installations developed on the eastern side of the Town. The first of many barracks were built on Barrack Hill in 1780, and ancillary buildings, such as residences for senior officers, officers' messes, hospitals and a garrison chapel followed during the course of the 19th century. These were constructed in the standard British military style but using local materials. The related fortifications began in the early 17th century, with forts on Paget, Governor's, Charles, and Castle Islands. These were repeatedly reconstructed and strengthened during the course of the 17th and 18th centuries. At the end of the American Revolution, Britain made St George's Island its main New World naval base. The existing fortifications were radically redesigned and rebuilt in the 1780s and 1790s. Work began on the dockyard at the turn of the century, necessitating further drastic changes in the system of fortifications, with the construction of Forts George, Victoria, St Catherine, Albert, and Cunningham (on Paget Island). The advent of rifled artillery in the 1850s led to yet further modifications and strengthening of the fortifications.

Criterion (iv): The Historic Town of St George with its related fortifications is an outstanding example of a continuously occupied, fortified, colonial town dating from the early 17th century, and the oldest English town in the New World.

Integrity

The inscribed property contains all the elements necessary to express its Outstanding Universal Value and is of adequate size to ensure the complete representation of the features which convey its significance.

To complete the continuum of fortifications in Bermuda, consideration should be given at a future date to adding the remaining fortifications to the list, especially the major fort at the Dockyard. The integrity is high but work is needed on the maintenance of some of the forts.

Authenticity

Adoption of retrospective Statements
of Outstanding Universal Value

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The town is of high authenticity, as are some of the fortifications, especially those built early in the 17th century. The Historic Town of St George is picturesque and distinct, typifying what is characteristic of Bermuda both in form and design and in its materials and substance. Today about 65% of the buildings in the town date from before 1900. Of these early structures, about 40% were built prior to 1800. Many of the significant buildings fall into this last category. St George is one of the few founding cities of a colony that has remained small, containing a high percentage of its early structures, while maintaining a continuity in its character, retaining its use and function to the present day.

Of the forts on the isolated islands, Southampton Fort, dating from 1621, stands unaltered for the most part, though a ruin. In comparable condition on Castle Island are the impressive remains of King's Castle and the Devonshire Redoubt, built by 1621. Much of the early masonry construction of these forts remains, with only additional 18th century batteries added nearby. With the exception of the Landward Fort on Castle Island, dating from the later part of the 17th century, and the 1612 archaeological remains of Paget Fort, the other forts in the property are mostly 19th century and many are accessible to the public. It will be important to ensure that further forts are not adapted for re-use in ways which damage their authenticity, as has happened at Fort Victoria converted into a hotel recreation facility.

Protection and management requirements

As a self-governing colony of the United Kingdom, Bermuda has enacted laws protecting historic and cultural properties throughout the islands. As early as 1950, the Bermuda legislature enacted legislation for the protection of buildings of "Special Interest" and in 1974 passed the Development and Planning Act, since revised, that called for the listing of buildings of "special architectural or historical interest" and for the appointment of "historic areas" in which controls were implemented for development. There are currently 176 listed buildings in the inscribed area.

The 2008 revision of the Bermuda Plan replaced the previous development plan for the Island, the Bermuda Plan 1992. The Bermuda Plan 2008 greatly expanded the policies relating to the Island's historic environment. The Bermuda Plan 2008 was given final approval by the Legislature in 2010. Historic Protection Areas were added to four sites within the World Heritage property: St David's Battery, Paget Fort, Smith's Fort and Fort Cunningham, to ensure that all parts of the World Heritage property were protected. In addition, policies relating to listed buildings, archaeological sites and the World Heritage property were added to the Bermuda Plan 2008 Planning Statement, which also included design policies specific to the Town of St George and the World Heritage Site Buffer Zone (WHSBZ). To coincide with the publication of the Bermuda Plan 2008, planning policy guidance notes were also prepared including guidance notes on the submission of Archaeological Assessments, Alterations or Additions to Listed Buildings and/or buildings located within Historic Areas and Development in the Town of St George.

The Development and Planning Act 1974 and the Bermuda Plan 2008 therefore provide effective control over the development of land and buildings within the World Heritage property. The Development Applications Board makes decisions on planning applications and is advised by the Historic Buildings Advisory Committee. The Development Applications Board must be satisfied that any development proposal located within the World Heritage property or its buffer zone will not adversely impact on the Outstanding Universal Value of the World Heritage property. In addition, the St George's Preservation Authority is consulted on all planning applications within the historic area under the jurisdiction of the St George's Corporation including any property located in the World Heritage property.

Furthermore, the Bermuda National Parks Act 1986 was amended to include additional national parks and to offer more protection to the historic terrestrial environment by regulating activities, such as metal detecting and treasure seeking within historically designated areas.

The Government has made it a priority to conserve and promote the historic fortifications within the World Heritage property. The property has a Management Plan, which provides the framework for managing change in a way that preserves and enhances the integrity of the World Heritage property. The Plan has been divided into nine specific task areas which range from managing the forts, town, traffic, to preservation and enhancement. Each task has a set of objectives which provides a broad work plan for each relevant stakeholder where proposed actions are outlined. The Management Plan requires that an annual action plan and progress report be produced for the World Heritage property. The Management Plan contains conservation management guidelines for the forts and historically significant sites within the National Park System. This plan includes all of the main fortifications within the World Heritage property, with the exception of Fort Albert, William and Victoria, which is under lease. Developed in two parts, the first part of the Management Plan sets out the vision, management, guidelines and priorities for restoration; the second part sets out guidelines for treatment and maintenance procedures for historic sites.

Additionally, management plans are prepared for significant fortifications to provide detailed guidance and direction. As examples, a comprehensive design brief was completed for the restoration of the Martello Tower and a phased management plan for Fort St Catherine was developed in 2009. These were followed by major restorations, which included restoration of Seawalls, roof and window restorations, the restoration of the artillery collection, new exhibits including the Carronade Room, Artillery Exhibit, Magazine Exhibits and Victorian Soldier Room. Management plans are developed for Castle Island and Southampton Island as they are vulnerable to storm damage and invasive plant species.

In order to oversee and effectively manage the World Heritage property and related fortifications, the World Heritage Property Committee was formed in 2000, which is made up of a selection of technical officers from various Governmental departments and representatives from the Corporation of St George's, the Bermuda National Trust, the St George's Foundation and other such relevant organisations. During its monthly meetings, the World Heritage Property Committee reviews a standard order of business and addresses various matters. Given the multitude of stakeholders involved, the Bermuda Government appointed a Heritage Officer since 2005 to provide the necessary coordination. Further, this officer is mandated to ensure that the Management Plan is implemented and specific projects are on track.

The care and conservation of the forts is currently undertaken by the Government Parks Department and the Department of Conservation Services, which includes the enhancement and upgrading of a number of fortifications located within the World Heritage property. Forts which have recently undergone restoration works include the Martello Tower in Ferry Reach, St David's Battery, Fort George, Alexandra Battery, and Fort St Catherine as well as Fort Scaur (located outside of the property). These works range from structural repairs, interpretive signage, development of exhibits, restoration of cannons, culling of invasive vegetation, graffiti removal to general site improvements. Additional maintenance measures involve the review of fortifications after every major storm event to ensure that the structural integrity of the forts remains intact.

State Party: Property	United States of America: Cahokia Mounds State Historic Site
Id. N°	198
Date of inscription	1982

Brief synthesis

Located in Collinsville, Illinois near the city of St. Louis, this largest pre-Columbian settlement north of Mexico is the pre-eminent example of a cultural, religious, and economic center of the Mississippian culture (800–1350), which extended throughout the Mississippi Valley and the southeastern United States. This agricultural society may have had a population of 10,000–20,000 at its peak between 1050 and 1150, which was equivalent to the population of many European cities at that time. It once covered more than 1,600 hectares and included some 120 mounds.

Cahokia Mounds State Historic Site includes 51 platform, ridgetop, and conical mounds; residential, public, and specialized activity areas; and a section of reconstructed palisade, all of which together defined the limits and internal symmetry of the settlement. Dominating the community was Monks Mound, the largest prehistoric earthen structure in the New World. Constructed in fourteen stages, it covers six hectares and rises in four terraces to a height of 30 meters. The mounds served variously as construction foundations for public buildings and as funerary tumuli. There was also an astronomical observatory ("Woodhenge"), consisting of a circle of wooden posts. Extensive professional excavations have produced evidence of construction methods and the social activities of which the structures are further testimony.

Criterion (iii): Dating from the Mississippian period (800–1350 at this site), Cahokia Mounds is the largest pre-Columbian archaeological site north of Mexico; it is also the earliest of the large Mississippian settlements. It is the pre-eminent example of a cultural, religious, and economic center of the prehistoric Mississippian cultural tradition.

Criterion (iv): Cahokia graphically demonstrates the existence of a pre-urban society in which a powerful political and economic hierarchy was responsible for the organization of labor, communal agriculture, and trade. This is reflected in the size and layout of the settlement and the nature and structure of the public and private buildings.

Integrity

Within the boundaries of the property are located the main elements necessary to understand and express the Outstanding Universal Value of Cahokia Mounds State Historic Site, including the central mounds, the palisade, most of the "Woodhenge" and the functional areas. All three types of mounds are preserved, as well as borrow pits. The course of the palisade remains almost completely intact. Large areas adjacent to the core of the site have been acquired, reclaimed from development, and restored to preserve the historic setting. The property is thus of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance, and it does not suffer from adverse effects of development and/or neglect. Although there is no official buffer zone, designation by the federal government of a larger area as a National Historic Landmark (1964), now containing additional State-owned property, provides equivalent protection.

Authenticity

Cahokia Mounds State Historic Site is authentic in terms of its forms and designs, materials and substance, and location and setting. Although some mounds have been damaged by past cultivation or development, many are merely truncated, and the mound bases remain. Contemporary structures, such as the interpretive center, have been erected on concrete slabs so as not to disturb the underlying archaeological resources. A major highway and railroad traverse the site, but both are minimally visible. The highway is built in the Cahokia Creek floodplain where it does not greatly affect major subsurface archaeological features, and the railroad is built on an embankment.

Known and potential threats to the property include erosion due to both natural and human causes, development, flooding (and flood control actions), and damage to subsurface archaeological features from deep-rooted plant species.

Protection and management requirements

The property is owned by the State of Illinois and designated by Illinois law as a State Historic Site specifically for its preservation and public interpretation. The core of the State Historic Site has been preserved as a protected public site since 1925. Its archaeological resources are further protected by State law and regulation. The Illinois Historic Preservation Agency, an agency of the State of Illinois, manages the entire property. The updated Master Management Plan (2008) addresses the protection, preservation, interpretation, restoration, and research of the State Historic Site and the State provides professional staff to manage and interpret it for the public. A staffed interpretive center opened in 1989.

The Master Management Plan and a monitoring program are part of a long-term strategy for the property to aid in addressing known and potential vulnerabilities such as erosion, development, flooding (and flood control), and damage to subsurface archaeological features from deep-rooted plant species.

State Party: Property	United States of America: Chaco Culture
Id. N°	353rev
Date of inscription	1987

Brief synthesis

Chaco Culture is a network of archaeological sites in northwestern New Mexico which preserves outstanding elements of a vast pre-Columbian cultural complex that dominated much of what is now the southwestern United States from the mid-9th to early 13th centuries. It includes Chaco Culture National Historical Park, the associated sites at Aztec Ruins National Monument, and five additional protected archaeological areas. The Chacoan society reached its height between about 1020 and 1110. These sites were a focus for ceremonies, trade, and political activity and they are remarkable for their monumental public and ceremonial buildings and distinctive multi-storey "great houses." The sites were linked by an elaborate system of carefully engineered and constructed roads, many of which can still be traced. These achievements are particularly remarkable given the harsh environment of the region.

The highly organized large-scale structures, featuring multi-storey construction and sophisticated coursed masonry, illustrate the increasing complexity of Chaco social structure, which distinguished itself within the regional culture of the ancestral Pueblo and dominated the area for more than four centuries. The high incidence of storage areas indicate the probability that the Chacoans played a central economic role, and the great size and unusual features of the ceremonial kivas suggest that complex religious ceremony may have been significant in their lives.

Criterion (iii): The Chaco Canyon sites graphically illustrate the architectural and engineering achievements of the Chacoan people, who overcame the harshness of the environment of the southwestern United States to found a culture that dominated the area for more than four centuries.

Integrity

Within the boundaries of the property are located all the elements necessary to understand and express the Outstanding Universal Value of Chaco Culture, including walls built of sandstone and mud mortar standing more than five storeys tall, pine roof beams, and well-preserved archaeological remains that provide a comprehensive picture of the Chaco culture, all having survived due to high-quality craftsmanship and the dry, remote location. The property is of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance. Further evidence of the Chacoan system, including road traces and outlier communities with "great houses," extends well beyond the property boundaries, but was not considered for inclusion at the time of inscription. There is no buffer zone. Since the property's inscription, efforts such as partial site reburial, fencing, and patrolling have dramatically slowed the rate of deterioration. However, threats to its integrity from adjacent development (including associated utilities and roads), energy exploration, extraction, as

well as transportation projects and proposals have increased. The property does not otherwise suffer from adverse effects of development and/or neglect.

Authenticity

Chaco Culture is authentic in terms of its forms and designs, materials and substance, and location and setting. The property's good state of preservation means that many walls, tools, personal goods, datable material, and other objects of information remain in their original context. A careful policy of stabilization has ensured that the original fabric and design of the structures is preserved for continuing research and interpretation.

Protection and management requirements

The property is comprised of the acreage to which the federal government had surface title in 1987 located within seven components: Chaco Canyon, formerly a National Monument (1907) and now Chaco Culture National Historical Park (1980); Aztec Ruins, a National Monument (1923, expanded in 1928, 1930, 1948, 1988); and five Chaco Culture Archaeological Protection Sites (1980). The inclusion of Chaco Canyon and Aztec Ruins in the National Park system gives them the highest possible level of protection, and assures them a high standard of interpretation and public access. The legislation designating these components requires that the preservation of cultural resources be given high priority. Each Park unit has a General Management Plan and other related documents that address resource and land management and visitor use. The National Park Service's general policies in these areas supplement the site-specific plans. The five Chaco Culture Archaeological Protection Sites are owned and managed for conservation by the Bureau of Land Management, a sister agency in the U.S. Department of the Interior. The property is subject to a suite of federal laws protecting archaeological properties. An Interagency Management Group established by federal law represents all federal, state, tribal, and local governments managing the property's components. This group assures consistent and coordinated management through review of management decisions, sharing of technical expertise, and assistance with necessary legislation.

A long-term goal for the property is to ensure that interventions that may occur within or adjacent to the property – including development, energy exploration, extraction, and transportation projects – do not have a negative impact on the property's Outstanding Universal Value, authenticity and integrity.

State Party: Property	United States of America: Independence Hall
Id. N°	78
Date of inscription	1979

Brief synthesis

The Declaration of Independence was adopted and the Constitution of the United States of America framed in this fine early 18th-century building in Philadelphia. These events, which took place respectively in 1776 and 1787, were conceived in a national context, but the universal principles of freedom and democracy set forth in these two documents have had a profound impact on lawmakers and political thinkers around the world. They became the models for similar charters of other nations, and may be considered to have heralded the modern era of government. Independence Hall was designed by attorney Andrew Hamilton in collaboration with master builder Edmund Woolley to house the Assembly of the Commonwealth (colony) of Pennsylvania. Begun in 1732 and finished in 1753, it is a dignified brick structure with a wooden steeple that once held the Liberty Bell. The building has undergone many restorations, notably by architect John Haviland in the 1830s and under the direction of the National Park Service beginning in the 1950s, returning it to its appearance during the years when the new country's Declaration of Independence and Constitution were debated and signed. In the Assembly Room, the momentous events that occurred there are explained and their international impact as well as the spread of democracy are discussed.

Criterion (vi) : The universal principles of the right to revolution and self-government, as expressed in the United States of America's Declaration of Independence (1776) and Constitution (1787), which were debated, adopted, and signed in Independence Hall, have profoundly influenced lawmakers and politicians around the world. The fundamental concepts, format, and even substantive elements of the two documents have influenced governmental charters in many nations and even the United Nations Charter.

Integrity

Within the boundaries of the property (the city block known as Independence Square) are located all the elements necessary to understand and express the Outstanding Universal Value of Independence Hall. The actions to adopt the Declaration of Independence and frame the Constitution took place within this building, which has been preserved as a historic site since the early 19th century. It is in the highest possible state of preservation, both structurally and externally, and has benefited from careful and comprehensive conservation studies and expert

technical advice. Steel supports were carefully inserted in the mid-20th century to stabilize the structure, and interior restoration was based on thorough research. The impacts of heavy visitation are carefully managed. The 2 ha property is of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance, and does not suffer from adverse effects of development and/or neglect. There is no official buffer zone, but the 18 ha Independence National Historical Park provides equivalent protection.

Also in Independence Square but not contributing to the Outstanding Universal Value of Independence Hall are the two-storey East and West wings and the brick arcades linking them to the Hall, which were built in 1897-98 as approximate representations of long-vanished subsidiary structures that originally housed offices and connecting passageways; Congress Hall, built in 1787-89 as a county court house; and Old City Hall, built in 1790-91.

Authenticity

Independence Hall is substantially authentic in terms of its forms and designs, materials and substance, and location and setting. Almost all of the exterior elements of the Hall's structure and design are original material; the interior spaces that housed significant events are intact, as are some of the original interior finishes. The wooden steeple of the bell tower was erected in 1828 to replace an earlier structure. The larger National Historical Park surrounding the property preserves low-scale 18th and 19th-century structures that reinforce the Hall's context.

The most significant pressures on the authenticity of the property relate to the large number of visitors, the degradation of the building due to air pollution and acid rain, and commercial development in the vicinity.

Protection and management requirements

Independence Hall is owned by the City of Philadelphia and administered by the National Park Service as a part of Independence National Historical Park under a formal agreement with the City. The 1948 law creating the National Park has as its express purpose the preservation of the historic structures. Inclusion of Independence Hall in the National Park system gives it the highest possible level of protection, as it is maintained by the federal government. Furthermore, as the country's most important historical site, its preservation will always be of paramount importance, and periodic work is undertaken to further protect it.

The property is managed at the national level by the National Park Service. A comprehensive General Management Plan for the National Historical Park (1998) incorporates the World Heritage status of the Hall as an important aspect, and addresses interpretation as well as issues such as carrying capacity. In the 1990s, new fire detection and suppression and security systems were added. Visitor screening and other enhanced security measures were implemented in 2002, and a major rehabilitation project for the steeple was completed in 2013.

Sustaining the Outstanding Universal Value of the property over time will require managing the large number of visitors, the degradation of the building from environmental pollutants, and urban development pressures in the vicinity.

State Party: Property	United States of America: Mesa Verde National Park
Id. N°	27
Date of inscription	1978

Brief synthesis

The Mesa Verde landscape is a remarkably well-preserved prehistoric settlement landscape of the Ancestral Puebloan culture, which lasted for almost nine hundred years from c. 450 to 1300. This plateau in southwest Colorado, which sits at an altitude of more than 2,600 meters, contains a great concentration of spectacular Pueblo Indian dwellings, including the well-known cliff dwellings. This rich landscape provides a remarkable archaeological laboratory for enhancing our understanding of the Ancestral Puebloan people.

Some 600 cliff dwellings built of sandstone and mud mortar have been recorded within Mesa Verde National Park – including the famous multi-storey Cliff Palace, Balcony House, and Square Tower House – and an additional 4,300 archaeological sites have been discovered. The cliff dwelling sites range in size from small storage structures to large villages of 50 to 200 rooms. Many other archaeological sites, such as pit-house settlements and masonry-walled villages of varying size and complexity, are distributed over the mesas. Non-habitation sites include farming terraces and check dams, field houses, reservoirs and ditches, shrines and ceremonial features, as well as rock art. Mesa Verde represents a significant and living link between the Puebloan Peoples' past and their present way of life.

Criterion (iii): The exceptional archaeological sites of the Mesa Verde landscape provide eloquent testimony to the ancient cultural traditions of Native American tribes. They represent a graphic link between the past and present ways of life of the Puebloan Peoples of the American Southwest.

Integrity

Within the boundaries of the property are located all the elements necessary to understand and express the Outstanding Universal Value of Mesa Verde National Park, including habitation and non-habitation archaeological sites and features, as well as settlement patterns. Excavated sites have been stabilized and undergo routine monitoring, condition assessment, and preservation treatment, based on continuing research and consultation. The property is of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance, and does not suffer from adverse effects of development and/or neglect. There is no buffer zone for the property.

Authenticity

Mesa Verde National Park is authentic in terms of its forms and designs, materials and substance, location and setting, and spirit. Large portions of the sandstone and mud-mortar multi-storey buildings have survived intact in form and materials, a tribute to the engineering skills of these early peoples as well as the dry environment of the mesa's alcoves. These architectural remains reflect the range of ancient Pueblo construction techniques as well as settlement patterns. Extensive research on both the structures and many artifacts has provided a wealth of information about the lifestyles of the former occupants.

Increased erosion following wildland fires poses a continuing threat to the property's cultural values. However, management policies are in place to protect the resources to the greatest extent possible. The introduction of non-native invasive plant species has become a major problem. Furthermore, the potential exists for future development in the corridor along Highway 160, the northern boundary of the property.

Protection and management requirements

Mesa Verde National Park was established by an Act of Congress in 1906, before the existence of the National Park Service itself, and was the first archaeological area in the world to be recognized and protected in this way. The eventual inclusion of the area within the National Park system gives it the highest possible level of protection, as it is owned and maintained by the federal government, and assures a high standard of interpretation and public access. Park staff consults regularly on interpretive materials, research and preservation of archaeological resources, and proposed construction plans with representatives from 26 culturally affiliated and traditionally associated Native American tribes and pueblos who consider Mesa Verde their ancestral home.

There is a General Management Plan for Mesa Verde National Park (1979). A long-term plan for the preservation of the 600 alcove sites was made possible through an Archaeological Site Conservation Program (1994).. Ongoing efforts to enhance baseline information, condition assessments, and architectural documentation continue to inform both management decisions and interpretive materials. Carrying capacity and visitor impacts are carefully monitored, with policies in place to limit the impacts. Other plans on topics such as interpretation supplement the National Park's General Management Plan.

Sustaining the Outstanding Universal Value of the property over time will require protecting resources from erosion and other damage caused by wildland fires and other effects of climate change; managing invasive plant species that harm or may harm cultural resources; and ensuring that any development adjacent to the property does not have a negative impact on the property's value, authenticity and integrity.

State Party: Property	United States of America: Monticello and the University of Virginia in Charlottesville
Id. N°	442
Date of inscription	1987

Brief synthesis

Monticello was the plantation home of Thomas Jefferson (1743–1826), author of the American Declaration of Independence and third President of the United States. He designed both the plantation home (1769–1809) and his ideal Academical Village (1817–28) situated eight km away in Charlottesville, in central Virginia. The Academical Village still forms the heart of the University of Virginia, and exhibits a unique U-shaped plan dominated by the Rotunda with pavilions, hotels, student rooms, and gardens arrayed in rows to its south. The buildings are excellent and highly personalized examples of Neoclassicism, shown in their relationship to the natural setting and their blending of functionalism and symbolism. They were inspired by deep study of classical

and contemporary examples and reflect Jefferson's aspirations for the character of the new American republic. Both works have drawn international attention from the time of their construction.

Jefferson's Monticello and his Academical Village precinct are notable for the originality of their plans and designs and for the refinement of their proportions and décor. His house at Monticello, with its dome, porticos supported by Doric columns, and cornices and friezes derived from classical Roman buildings, and his Academical Village, with its Rotunda modeled on the Pantheon and its ten pavilions each offering a different lesson in the classical orders and architecture as drawn from published classical models, together invoke the ideals of ancient Rome regarding freedom, nobility, self-determination, and prosperity linked to education and agricultural values.

Criterion (i): Both Monticello and the University of Virginia reflect Jefferson's wide reading of classical and later works on architecture and design and also his careful study of the architecture of late 18th-century Europe. As such they illustrate his wide diversity of interests.

Criterion (iv): With these buildings Thomas Jefferson made a significant contribution to Neoclassicism, the 18th-century movement that adapted the forms and details of classical architecture to contemporary buildings.

Criterion (vi): Monticello and the key buildings of the University of Virginia are directly and materially associated with the ideas and ideals of Thomas Jefferson. Both the University buildings and Monticello were directly inspired by principles derived from his deep knowledge of classical architecture and philosophy.

Integrity

Within the boundaries of Monticello and the University of Virginia in Charlottesville are located all the elements necessary to understand and express the Outstanding Universal Value of the property, including, at Monticello, both the house and the core area of the estate, which preserves the house's setting in the scenic Southwest Mountains in the Virginia Piedmont; and, at the University of Virginia, all the key buildings of Jefferson's Academical Village and its associated landscape features. The property is thus of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance. There is no buffer zone for the property.

The house at Monticello is intact and unchanged beyond some mid 20th-century physical repairs, which include the insertion of steel beams to support the floors and the addition of temperature and humidity controls. Land has been acquired, much of it placed in conservation easement, to secure views from the mountaintop. The University of Virginia continues to raise its standards for the stewardship of the Jeffersonian precinct and has instituted systematic actions to curate and maintain the buildings. The overall integrity of the many components is remarkably good, considering their constant use. The property does not suffer from adverse effects of development and/or neglect.

Authenticity

"Monticello and the University of Virginia in Charlottesville" is substantially authentic in terms of its forms and designs, materials and substance, and locations and settings, as well as, for the University's Academical Village, its uses and functions. The property owned by the Thomas Jefferson Foundation at Monticello is largely part of the original tract of land owned by Jefferson. Monticello was never greatly altered after his death. Additionally, the Foundation has undertaken archaeological investigations to determine the locations of roads, gardens and other landscape features.

The Jeffersonian precinct of the University has been in continuous use for its original purposes since its construction. Only the Rotunda has been much changed: a serious fire that nearly destroyed the building in 1895 was followed by a restoration and reconfiguration designed by architect Stanford White with the full understanding of the sources of Jefferson's inspiration. A Jeffersonian interior was recreated in the Rotunda in the 1970s. Extensions have been made to the rear of most of the pavilions, and the gardens behind them were redesigned in the mid 20th century in a Colonial Revival style based on early 19th-century garden layouts and heirloom plants.

The greatest threats to the property are commercial development in Monticello's extensive view shed and, for the Academical Village, relative humidity, pollution and invasive species. The Thomas Jefferson Foundation is addressing development issues, and the University is addressing continuing humidity issues, has installed scrubbers on its coal power plant to reduce emissions, and is inoculating trees against the Emerald Ash Borer.

Protection and management requirements

Monticello is owned and administered by the Thomas Jefferson Foundation, Inc., a private, non-profit organization. Jefferson's Academical Village precinct, administered as part of the University of Virginia, is owned by the Commonwealth of Virginia. Monticello and the University of Virginia Historic District (which includes the Academical Village and the University's Rotunda) were designated by the Secretary of the Interior as National Historic Landmarks in 1960 and 1971, respectively. The Rotunda was also individually designated in 1965.

The Thomas Jefferson Foundation's express purpose is to preserve and maintain Monticello as a national memorial, and it has a staff of professionals to support this work. A detailed strategic plan (2012), including a tourism plan, is supplemented by a Historic Structures Report (1991) and a restoration master plan (1996). The Foundation also has a strong working relationship with the local governing bodies. A visitor center provides

services and interpretation as well as ticketing and visitor amenities. The University of Virginia, an agency of the Commonwealth of Virginia, is advised by the Virginia Department of Historic Resources, which under State law reviews all major changes to the Academical Village, as does the Virginia Art and Architecture Review Board. The University employs a multi-disciplinary team of preservation professionals and tradespersons to plan, manage, and execute work on the buildings and landscape in the historic precinct. The Historic Preservation Advisory Committee includes preservation professionals and University of Virginia faculty members, and advises the Architect for the University on proposed projects. A Historic Structure Report exists for the Academical Village and others have been commissioned for nine of the individual buildings within the precinct. Part I of a Cultural Landscape Report for the precinct has also been completed. Archaeological investigations precede any significant subsurface disturbance related to either building or landscape projects. The University adopted in 2011 a "Planning Framework and Design Guidelines for the Academical Village". The "University of Virginia Historic Preservation Framework Plan" (2007) provides also guidance for post-Jefferson structures in the precinct. The Academical Village precinct does not yet have a formal management plan, nor does the World Heritage property as a whole. There is nevertheless a strong cooperative and collaborative relationship between Monticello and the University of Virginia. Sustaining the Outstanding Universal Value of the property over time will require an integrated planning approach thereby ensuring that the authenticity and integrity of the property are not compromised by identified or potential threats, including development and environmental factors.

State Party: Property	United States of America: Statue of Liberty
Id. N°	307
Date of inscription	1984

Brief synthesis

The Statue of Liberty, a hollow colossus composed of thinly pounded copper sheets over a steel framework, stands on an island at the entrance to New York Harbor. It was designed by sculptor Frédéric Bartholdi in collaboration with engineer Gustave Eiffel, and was a gift from France on the centenary of American independence in 1876. Its design and construction were recognized at the time as one of the greatest technical achievements of the 19th century and hailed as a bridge between art and engineering. Atop its pedestal (designed by American architect Richard Morris Hunt), the Statue has welcomed millions of immigrants to the United States since it was dedicated in 1886.

The Statue is a masterpiece of colossal statuary, which found renewed expression in the 19th century, after the tradition of those of antiquity, but with intimations of Art Nouveau. Drawing on classical elements and iconography, it expressed modern aspirations. The interior iron framework is a formidable and intricate piece of construction, a harbinger of the future in engineering, architecture, and art, including the extensive use of concrete in the base, the flexible curtain-wall type of construction that supports the skin, and the use of electricity to light the torch. Édouard René de Laboulaye collaborated with Bartholdi for the concept of the Statue to embody international friendship, peace, and progress, and specifically the historical alliance between France and the United States. Its financing by international subscription was also significant. Highly potent symbolic elements of the design include the United States Declaration of Independence, which the Statue holds in her left hand, as well as the broken shackles from which she steps.

Criterion (i): This colossal statue is a masterpiece of the human spirit. The collaboration between the sculptor Frédéric Bartholdi and the engineer Gustave Eiffel resulted in the production of a technological wonder that brings together art and engineering in a new and powerful way.

Criterion (vi): The symbolic value of the Statue of Liberty lies in two basic factors. It was presented by France with the intention of affirming the historical alliance between the two nations. It was financed by international subscription in recognition of the establishment of the principles of freedom and democracy by the United States of America's Declaration of Independence, which the Statue holds in her left hand. The Statue also soon became and has endured as a symbol of the migration of people from many countries into the United States in the late 19th and the early 20th centuries. She endures as a highly potent symbol – inspiring contemplation, debate, and protest – of ideals such as liberty, peace, human rights, abolition of slavery, democracy, and opportunity.

Integrity

Within the boundaries of the property are located all the elements necessary to understand and express the Outstanding Universal Value of the Statue of Liberty. The Statue has been maintained through its lifetime with no major change. Deformations related to the galvanic interaction of metals were corrected in an extensive restoration undertaken for its centennial in 1986, which included reproducing the original deteriorated torch, which is now preserved in the museum. There have been periodic updates to the internal mechanical and security systems. The 5.95 ha property is of sufficient size to adequately ensure the complete representation of the

features and processes that convey the property's significance, and does not suffer from adverse effects of development and/or neglect. There is no official buffer zone for the property, but its island location within the urban setting provides equivalent protection. The property, which is the whole of Liberty Island, also houses a number of administrative structures.

Authenticity

The Statue of Liberty is authentic in terms of its location and setting, form and design, materials and substance, use and function, and spirit and feeling. The Statue's design and purpose have been preserved from the time of its construction. The interior iron strapwork supporting the metal skin was replaced in 1986 with stainless steel that will prevent corrosion. All repairs were made with great fidelity to the original design and materials. Periodic mechanical, circulation, and security updates have not affected the sculptural and symbolic values of the monument, and have been done to ensure the safety of visitors. There is a formal monitoring program for the property. The known and potential threats to the authenticity of the property include pollution, severe weather, and large numbers of visitors.

Protection and management requirements

The Statue of Liberty is owned by the Government of the United States of America. The Statue was designated as a National Monument in 1924 (the National Monument additionally includes Liberty Island [1937] and Ellis Island [1965]), and is administered by the National Park Service. These measures give it the highest possible level of protection. The existing General Management Plan (1982), which addresses physical preservation and interpretation, has been supplemented in recent years by a comprehensive study on life-safety and emergency management (2009), the recommendations of which have been implemented. The Statue receives a large number of visitors, and has substantial professional staff and facilities that include a Visitor Information Center, an exhibit on the Statue's history, and the nearby Ellis Island Immigration Museum. Access is by ferry, which includes security screening of visitors; maintaining the security of the property is an ongoing concern.

Sustaining the Outstanding Universal Value of the property over time will require continuing to monitor and manage the known and potential threats, including pollution, severe weather, and large numbers of visitors.

C.3 LATIN AMERICA AND THE CARIBBEAN/AMERIQUE LATINE ET CARAÏBES

State Party: Property	Bolivia: City of Potosí
Id. N°	420
Date of inscription	1987

Brief synthesis

Potosí is the example *par excellence* of a major silver mine of the modern era, reputed to be the world's largest industrial complex in the 16th century. A small pre-Hispanic-period hamlet perched at an altitude of 4,000 m in the icy solitude of the Bolivian Andes, Potosí became an "Imperial City" following the visit of Francisco de Toledo in 1572. It and its region prospered enormously following the discovery of the New World's biggest silver lodes in the Cerro de Potosí south of the city. The major colonial-era supplier of silver for Spain, Potosí was directly and tangibly associated with the massive import of precious metals to Seville, which precipitated a flood of Spanish currency and resulted in globally significant economic changes in the 16th century. The whole industrial production chain from the mines to the Royal Mint has been conserved, and the underlying social context is equally well illustrated, with quarters for the Spanish colonists and for the forced labourers separated from each other by an artificial river. Potosí also exerted a lasting influence on the development of architecture and monumental arts in the central region of the Andes by spreading the forms of a baroque style that incorporated native Indian influences.

By the 17th century there were 160,000 colonists living in Potosí along with 13,500 Indians who were forced to work in the mines under the system of *mita* (mandatory labour). The Cerro de Potosí reached full production capacity after 1580, when a Peruvian-developed mining technique known as *patio*, in which the extraction of silver ore relied on a series of hydraulic mills and mercury amalgamation, was implemented. The industrial infrastructure comprised 22 *lagunas* or reservoirs, from which a forced flow of water produced the hydraulic power to activate 140 *ingenios* or mills to grind silver ore. The ground ore was amalgamated with mercury in refractory earthen kilns, moulded into bars, stamped with the mark of the Royal Mint and taken to Spain.

The city and region retain evocative evidence of this activity, which slowed significantly after 1800 but still continues. This includes mines, notably the Royal mine complex, the biggest and best-conserved of the some 5,000 operations that riddled the high plateau and its valleys, dams that controlled the water that activated the ore-grinding mills, aqueducts, milling centres and kilns. Other evidence includes the superb monuments of the colonial city, among them 22 parish or monastic churches, the imposing *Compañía de Jesús* (Society of Jesus) tower and the Cathedral. The *Casa de la Moneda* (Royal Mint), reconstructed in 1759, as well as a number of patrician homes, whose luxury contrasted with the bareness of the *rancherías* of the native quarter, also remain. Many of these edifices are in an “Andean Baroque” style that incorporates Indian influences. This inventive architecture, which reflects the rich social and religious life of the time, had a lasting influence on the development of architecture and monumental arts in the central region of the Andes.

Criterion (ii): The “Imperial City” of Potosí, such as it became following the visit of Francisco de Toledo in 1572, exerted lasting influence on the development of architecture and monumental arts in the central region of the Andes by spreading the forms of a baroque style incorporating Indian influences.

Criterion (iv): Potosí is the one example *par excellence* of a major silver mine in modern times. The industrial infrastructure comprised 22 *lagunas* or reservoirs, from which a forced flow of water produced the hydraulic power to activate the 140 *ingenios* or mills to grind silver ore. The ground ore was then amalgamated with mercury in refractory earthen kilns called *huayras* or *guayras*. It was then molded into bars and stamped with the mark of the Royal Mint. From the mine to the Royal Mint (reconstructed in 1759), the whole production chain is conserved, along with the dams, aqueducts, milling centres and kilns. The social context is equally well represented: the Spanish zone, with its monuments, and the very poor native zone are separated by an artificial river.

Criterion (vi): Potosí is directly and tangibly associated with an event of outstanding universal significance: the economic change brought about in the 16th century by the flood of Spanish currency resulting from the massive import of precious metals in Seville.

Integrity

Within the boundaries of the property are located all the elements necessary to express the Outstanding Universal Value of the City of Potosí, including the ensemble’s industrial mining and urban components such as the system of artificial lakes, the mines, the mineral processing mills, the architecture and urban form and the natural environment, all dominated by the majestic presence of Cerro de Potosí. No buffer zone for the property has been delimited.

Authenticity

The City of Potosí is authentic in terms of the ensemble’s forms and designs, materials and substances, and location and setting. Still dominated by the majestic Cerro de Potosí, the “Imperial City” of Potosí’s streets, squares, civic and religious buildings, parishes and churches remain as faithful witnesses of its great splendour and tell the important history of mining in the Americas.

The degradation of Cerro de Potosí (also called Cerro Rico [Rich Mountain] or Sumaj Orcko) by continuing mining operations has long been a concern, as hundreds of years of mining have left the mountain porous and unstable. The Bolivian Mining Corporation included the preservation of the form, topography and natural environment of the mountain as one of the objectives for its future exploitation. Nevertheless, recommendations by a World Heritage Centre/ICOMOS technical mission in 2005 to improve the security and stability of the property, as well as other conditions necessary to allow for sustainable mining activities, were not addressed and portions of the summit of the mountain have collapsed. The authenticity of the property is thus threatened, and urgent and appropriate action must be taken to protect human lives, to improve working conditions and to prevent further deterioration of this vulnerable component of the property.

Protection and management requirements

The City of Potosí is protected under the *Constitución Política del Estado* (Political Constitution of the State), Art. 191; *Ley del Monumento Nacional* (National Monument Act), 8/5/1927; *Normas Complementarias sobre patrimonio Artístico, Histórico, Arqueológico y Monumenta* (Complementary Standards on Artistic, Historical, Archaeological and Monumental Heritage), *Decreto Supremo* (D.S.) No. 05918 of 6/11/1961; *Créase la Comisión Nacional de Restauración y Puesta en Valor de Potosí* (Establishment of the National Commission for the Restoration and Revitalization of Potosí), D.S. No. 15616 of 11/7/1978; *Normas sobre defensa del Tesoro Cultural de la Nación* (Standards for the Protection of the National Cultural Treasure), *Decreto Ley* (D.L.) No. 15900 of 19/10/1978; and Act No. 600 of 23/2/1984 to finance the implementation of the designation of the City of Potosí as a “Monumental City of America” by the General Assembly of the Organization of American States in 1979. In addition are the *Plan de Rehabilitación de las Áreas Históricas de Potosí* (PRAHP), its Regulations and several studies. There is no participatory conservation management plan for the property.

Restoration work is realized by international support from UNESCO, the Organization of American States and the governments of Spain and the Federal Republic of Germany. The Ministry of Culture of the Plurinational State of Bolivia is in charge of conservation and preservation work. The *Proyecto de la calle Quijarro* (Quijarro Street Project) was developed in 1981 to encourage rehabilitation of homes in the historic downtown areas; basic services are provided in collaboration with the Municipal Mayor of Potosí. However, it should be noted that there

is a strong economic downturn in the region. It is expected that cultural tourism will help provide social, economic and educational support.

Sustaining the Outstanding Universal Value of the property over time will require fully implementing the emergency and other measures identified by the 2011 technical mission; finalizing and implementing an approved Strategic Emergency Plan, including rationalization and planning of industrial exploitation in the area; developing and implementing approved measures to ensure the structural stability of the top of the mountain; modifying Article 6 of Supreme Decree 27787 to halt all exploration, extraction and any other interventions under and above ground between altitudes 4,400 m and 4,700 m; completing an analysis and modelling based on recent geophysical studies to further identify the anomalies affecting the mountain; putting in place a monitoring system; finalizing and submitting a participatory Management Plan for the property; and delimiting a buffer zone for the property.

State Party: Property	Brazil: Brasilia
Id. N°	445
Date of inscription	1987

Brief synthesis

Laid out along a monumental east-west axis, crossed by a north-south axis curved to follow the topography as a transportation thoroughfare, Brasilia is a definitive example of 20th century modernist urbanism. Created as the Brazilian capital in the central western part of the country from 1956 to 1960 as part of President Juscelino Kubitschek's national modernization project, the city brought together ideas of grand administrative centres and public spaces with new ideas of urban living as promoted by Le Corbusier in six storey housing blocks (quadras) supported on pylons which allowed the landscape to flow beneath and around them. The city's planning is noteworthy for the remarkable congruence of Lucio Costa's urban design (the 'Plano Piloto') and Oscar Niemeyer's architectural creations, most powerfully reflected in the intersection between the monumental and thoroughfare axes, which stands as the determining factor of the city's urban scheme and underscores the representative character of Three Powers Square (Praça dos Três Poderes) and the Esplanade of the Ministries (Esplanada dos Ministérios), also manifest in the geometry of the National Congress and in the new approach to urban living embodied in the Neighborhood Units (Unidade de Vizinhança) and their corresponding Superblocks (Superquadras).

Criterion (i): Brasilia is a singular artistic achievement, a prime creation of the human genius, representing, on an urban scale, the living expression of the principles and ideals advanced by the Modernist Movement and effectively embodied in the Tropics through the urban and architectural planning of Lucio Costa and Oscar Niemeyer. The Brazilian experience is notable for the grandiosity of the project, one which not only brought to a definitive close a particular historical epoch, but which was closely tied to an ambitious development strategy and to a process of national self-affirmation before the world.

Criterion (iv): Brasilia is a unique example of urban planning brought to fruition in the 20th century, an expression of the urban principles of the Modernist Movement as set out in the 1943 Athens Charter, in Le Corbusier's 1946 treatise *How to Conceive Urbanism*, and in the architectural designs of Oscar Niemeyer, including the buildings of the three powers (Presidential Palace, Supreme Court and Congress with its twin highrise buildings flanked by the cupola of the Senate building and by the inverted one of the House of Representatives), and the Cathedral with its 16 paraboloids 40 metres in height, the Pantheon of Juscelino Kubitschek and the National Theatre.

Integrity

The urban framework of Brasilia includes all of the elements required to demonstrate outstanding universal value. A city that is at once urbs and civitas, Brasilia has preserved its original guiding principles intact, as reflected in the protection of its urban scales, legally protected by local and federal organisms of government of the country.

The city finds itself today in the midst of a process of consolidation, in accordance with its dual function as city and capital, through the continuing implementation of new urban services and structures. The World Heritage property is vulnerable to urban development pressure including increased traffic and public transport requirements. The city's various sectors, as laid out in the initial plan, are now in the process of being supplemented and, indeed, concluded, in line with the original urban principles. These changes in no way jeopardize the singular and outstanding value of Lucio Costa's Pilot Project (Plano Piloto), which remains wholly preserved, both physically and symbolically.

It is possible based on the still undeveloped areas around Brasilia, the surrounding green spaces, and the location's topography, to clearly distinguish the city's limits from the territorial expanse in which it was introduced,

singular attributes that enable analysis of the site without losing any of the basic information critical to transmitting its continued outstanding universal value.

Authenticity

The authenticity of Brasília is guaranteed through maintenance of its architecture, urban design, and landscapes, all of which represent a new approach to urban living, reaffirmed by Lucio Costa and Oscar Niemeyer on the basis of the Modernist Movement's principles for 20th century architecture and urbanism.

The primary attributes of the Pilot Project (Plano Piloto) which converge to attribute universal and outstanding value to Brasília include: the intersection of two axes and the hierarchical distribution of the road system, the division of the city into sectors with their respective characteristics and end uses, the network of open and green spaces, the Esplanade of the Ministries and representative structures that make up the Monumental Axis (Eixo Monumental), the superblocks organized on the basis of neighborhood units, and, lastly, Oscar Niemeyer's architectural designs of the key representative buildings.

These attributes are best understood on the basis of the four scales identified by Lucio Costa at the time of Brasília's designation as a heritage site and preserved as the guiding benchmarks of the Pilot Project (Plano Piloto)'s original design: a monumental scale, which confers on Brasília its status as a capital city in which the nation's administrative functions are performed; a residential scale, which embodies a new approach to living, centered on the Thoroughfare Axis (Eixo Rodoviário) along which the Neighborhood Units are distributed and divided into a North and South Wing (Asa Norte and Asa Sul); a social scale, situated at the intersection of the two axes – Monumental and Thoroughfare – where the bank, hotel, business, and service sectors converge to form the city's central section; and a bucolic scale, which permeates the other three and is composed of large open and green spaces that provide the city with its unique city-park aspect.

Protection and management requirements

Brasília's importance was recognized from the time of its conception. In 1960, prior to the new capital's inauguration, the Organic Law of the Federal District (Lei Orgânica do Distrito Federal) provided that any proposed changes to the Pilot Project (Plano Piloto) must be submitted to the Federal Senate for review. The question only took on relevance beginning in the early 1980s with the city's rapid growth. In 1981, the Working Group for the Preservation of the Historical, Cultural, and Natural Heritage of Brasília (Grupo de Trabalho para Preservação do Patrimônio Histórico, Cultural e Natural de Brasília) was established. Composed of representatives of the National Pro-Memory Foundation (Fundação Nacional Pró-Memória), currently the National Institute of Historical and Artistic Heritage (Instituto Nacional de Patrimônio Histórico e Artístico – IPHAN), the Federal District Government (GDF), and the University of Brasília (UnB), the entity's studies were critical to Brasília's inclusion on UNESCO's List of World Heritage Sites in 1987, providing the basis for the technical dossier which accompanied the city's candidacy.

At the time, primary responsibility for preserving the site resided with the Secretary of Culture of the GDF, through its Department of Historical and Artistic Heritage (Departamento de Patrimônio Histórico e Artístico – DePHA). This determination was founded on Decree 10829/GDF of October 14, 1987, a legislative instrument submitted by the Brazilian Government to the World Heritage Committee to serve as a binding guarantee for the protection of Brasília which remains in force to this day. Further, in response to an explicit request from UNESCO that same year the GDF decreed the protection of the city's four scales, while also delimiting the 120 square kilometer area on which the 1990 federal designation of Brasília as a historical site was founded.

In 1990, the Urban Framework of Brasília was officially recognized as a national historical heritage site. The designation was formally enacted through SPHAN/PróMemória Directive 04/90, subsequently replaced by IPHAN Directive 314/92, which remains in force.

Currently, the Federal District Government and the Federal Government exercise shared responsibility for the management and protection of Brasília through the Secretariat of State for Urban and Housing Development (Secretaria de Estado de Desenvolvimento Urbano e Habitação – SEDHAB) and the Federal District Superintendence of the National Institute of Historical and Artistic Heritage (Instituto do Patrimônio Histórico e Artístico Nacional – IPHAN), respectively.

The challenge of preserving Brasília requires assessing present-day issues and demands relating to the city based on its singular urban plan. This necessitates adopting a forward-looking vision for the city, which protects its Outstanding Universal Value while enabling sustainability.

Protection of the Urban Framework of Brasília is governed by a series of legal instruments intended to ensure its preservation on three operational levels: local, federal, and global. At the local level, a set normative instruments consisting of specific laws aimed at protecting the heritage site as well as highly complex body of technical and operational urban legislation based on the Federal District's Urban and Land Settlement Policy have been put in place.

Some of the principal sources of pressure exerted on the heritage site include real estate development, the illegal occupation of public areas and green spaces, the implementation of activities inconsistent with the end use of particular sectors, the encroachment of private property on the lakefront, increased urban traffic, and inadequate public transportation associated with social-spatial segregation across the metropolitan region. Add to this the

urban dynamic of surrounding areas in connection with the Federal District's outward push, which has placed intense pressure on the Pilot Project (Plano Piloto), requiring that special attention be devoted to the city's urban landscape as well as the function and use of the corresponding spaces, where the vast majority of public services, jobs, and regional investments are concentrated but less than 10% (9.6%) of the Federal District's population resides.

To address these challenges and recognizing that the preservation and protection of the Urban Framework of Brasília cannot be disassociated from the city's urban development, an Urban Framework Preservation Plan for Brasília (Plano de Preservação do Conjunto Urbanístico de Brasília – PPCUB) will be the primary instrument for planning, preserving, and managing the protected area and for coordinating the measures and agents involved in Brasília's urban development.

State Party: Property	Brazil: Historic Centre of Salvador de Bahia
Id. N°	309
Date of inscription	1985

Brief Synthesis

Founded in 1549 on a small peninsula that separates Todos os Santos Bay from the Atlantic Ocean on the northeast coast of Brazil, Salvador de Bahia became Portuguese America's first capital and remained so until 1763. Its founding and historic role as colonial capital associate it with the theme of world exploration. Salvador de Bahia's historic centre – an eminent example of Renaissance urban structuring adapted to a colonial site – is the Cidade Alta (Upper Town), a defensive, administrative and residential neighbourhood perched atop an 85-m-high escarpment. This densely built colonial city par excellence of the Brazilian northeast is distinguished by its religious, civil and military colonial architecture dating from the 17th to the 19th centuries. Salvador de Bahia is also notable as one of the major points of convergence of European, African and American Indian cultures of the 16th to 18th centuries.

The settlement of Salvador de Bahia, strategically situated overlooking an immense bay on the Brazilian coast, was aimed at centralising the activities of the metropolis in Portuguese America and facilitating trade with Africa and the Far East. The city grew quickly, becoming Brazil's main seaport and an important centre of the sugar industry and the slave trade. The historic centre's main districts are Sé, Pelourinho, Misericórdia, São Bento, Taboão, Carmo and Santo Antônio. Pelourinho is characterized by its fidelity to the 16th-century plan, the density of its monuments and the homogeneity of its construction. In addition to major buildings dating to the 17th and 18th centuries such as the Catedral Basílica de Salvador and the churches and convents of São Francisco, São Domingos, Carmo and Santo Antônio, the Historic Centre of Salvador de Bahia retains a number of 16th-century public spaces, including the Municipal Plaza, the Largo Terreiro de Jesus and the Largo de São Francisco, as well as baroque palaces, among them the Palácio do Arcebispado, Palácio Saldanha and Palácio Ferrão. There are many streets lined with brightly coloured houses, often decorated with fine stucco-work, that are characteristic of the colonial city. Salvador de Bahia was also, from 1558, the first slave market in the New World, with slaves arriving to work on the sugar plantations. Echoes of this multicultural past survive to the present day in the historic centre's rich tangible and intangible heritage.

Criterion (iv): Salvador de Bahia is an eminent example of Renaissance urban structuring adapted to a colonial site having an upper city of a defensive, administrative and residential nature which overlooks the lower city where commercial activities revolve around the port. The density of monuments, with Ouro Preto (included on the World Heritage List in 1980), makes it the colonial city par excellence in the Brazilian northeast.

Criterion (vi): Salvador de Bahia is one of the major points of convergence of European, African and American Indian cultures of the 16th to 18th centuries. Its founding and historic role as capital of Brazil quite naturally associate it with the theme of world exploration already illustrated by the inclusion on the World Heritage List of the Old Havana (1982), Angra do Heroísmo (1983), San Juan de Puerto Rico (1983), and Cartagena (1984).

Integrity

Within the boundaries of the Historic Centre of Salvador de Bahia are located all the elements necessary to express its Outstanding Universal Value, including the escarpment that divides it into Upper and Lower towns; the Pelourinho district's underlying 16th-century urban plan; and the web of streets with rows of uniform houses interwoven with notable examples of religious, administrative, military and commercial and monumental architecture dating from the 17th to the 19th centuries. The city's 78.28-ha historic centre is of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance. The Historic Centre of Salvador de Bahia does not suffer from adverse effects of development and/or neglect. Nevertheless, the greater city's population has grown quickly since 1966 due to the region's industrial development, resulting in the historic centre becoming enclosed on three sides by a very dense urban zone.

Authenticity

The Historic Centre of Salvador de Bahia has a high degree of authenticity in terms of location and setting, forms and designs, and materials and substances. In the 1990s, some 1,350 properties were restored in the Pelourinho district with the objective of developing the economic potential of the area by exploiting tourism. Concurrently, the number of residents in the historic centre decreased from 9,853 in 1980 to 3,235 in 2000 in a process of depopulation.

Protection and management requirements

The Historic Centre of Salvador de Bahia is protected by laws enacted by the three levels of government: Decree-Law 25/1937, implemented by the federal government through the Instituto do Patrimônio Histórico e Artístico Nacional (National Institute of Historical and Artistic Heritage – IPHAN); Law 3660/1978, passed by the Bahia state government through the Instituto do Patrimônio Artístico e Cultural da Bahia (Artistic and Cultural Institute of Bahia – IPAC); and Municipal Law 3289/1983, setting forth Specific Municipal Legislation for the Protection of Cultural Property, through which a protection area encompassing the IPHAN-designated cultural site is established and joint reviews by the three levels of government of all proposed projects within the protected zone are required. The 2008 Plano Diretor Urbano de Salvador (Urban Master Plan for Salvador – PDDU) formally certifies the existing federally designated heritage areas and those covered under the Specific Municipal Legislation statute (Law 3289/1983). In addition, the Escritório Técnico de Licenciamento e Fiscalização (Technical Licensing and Oversight Office – ETELF) was created to facilitate the implementation of concerted and coordinated measures and oversight by the three levels of government in the Historic Centre of Salvador de Bahia, with a view to enhancing integration in this area.

The 2010 Plano de Reabilitação Participativo do Centro Antigo de Salvador (Participatory Rehabilitation Plan for the Old Centre of Salvador) aims to address the economic, social, environmental and urbanistic issues that were inadequately addressed in the rehabilitation programmes undertaken from the 1960s to the 1990s, which invariably centred on proposed increases in tourism and other tertiary activities in the Pelourinho district, draining the historic centre of its key management, administrative and business functions and leading to a progressive population exodus and a corresponding deterioration of the urban landscape.

Sustaining the Outstanding Universal Value of the property over time will require continuing the integrated efforts to revitalize the area and reverse the process of urban decay; advancing residential revitalization of the historic centre to counteract the progressive population exodus and to sustain the area as a living organism within the urban landscape; and establishing monitoring indicators for these and any future interventions, to ensure that such interventions do not have a negative impact on the Outstanding Universal Value, authenticity and integrity of the property.

State Party: Property	Brazil: Historic Centre of São Luís
Id. N°	821
Date of inscription	1997

Brief synthesis

Located on the promontory formed by the Rivers Anil and Bacanga, northwest of São Luís Island, the Historic Centre of São Luís do Maranhão is characterized by its urban grid of streets lined with residential buildings of various heights, many with tiled roofs, painted ornamented cornices, tall narrow windows set in decorated surrounds and balconies with forged or cast iron railings. They date from the 1615 plan laid out by Portugal's chief engineer in Brazil, following conquest of the fort that had been established on the site by the French in 1612. Harmoniously expanded through the 18th, 19th and 20th centuries, the historic centre is an outstanding example of a Portuguese colonial town adapted to the climatic conditions of Equatorial America, with traditional Portuguese architecture adapted to incorporate raised piers and shuttered, wooden verandas. The singularity of the construction techniques employed is expressed in the elegance of the traditional Portuguese azulejos tile work applied both as insulation and decoration; in the modulated use of occupied and empty spaces reinforced by crafted stonework; and in the sharp contrast between the dense ornamentation of the facades overhanging the streets and porches that open wide from side to side into interior patios, lined by a continuous series of venetians, lattices, and frames.

Criterion (III): The Historic Centre of São Luís bears exceptional testimony to Portuguese colonial civilisation.

Criterion (IV): The Historic Centre of São Luís is an outstanding example of a Portuguese colonial town adapted to the climatic conditions of equatorial South America.

Criterion (V): The Historic Centre of São Luís is an outstanding example of a colonial town which has preserved its urban fabric, harmoniously integrated with its natural setting, to an exceptional degree.

Integrity

The urban texture of the Historic Centre of São Luís remains intact, reflecting elements that date to the city's founding and consolidation. While São Luís has been subject to expansion by virtue of its status as a living city and specific role as the state capital of Maranhão until the end of the 19th century, it has not lost the essence of its origins, reflected in the preservation of the historical centre and the 17th century architectural complex and urban grid. These elements serve to illustrate the city's importance to the region's territorial settlement. The Historic Centre is however extremely vulnerable to abandonment and neglect, and measures are being taken to address this issue, despite the urban rehabilitation initiatives to restore the architectural and enhance the area's landscape value.

Authenticity

The overlay of the various periods in the evolution of the Historic Center of São Luís, from inception of the original site in the 16th century, reflected in the French fortifications; through growth of the Portuguese city in the 17th century; to its splendid moment in the 18th century as the capital of Grão Pará; and its rise as the homogenous aristocratic commercial metropolis of the 19th century, remain in evidence in the historic centre's structural elements. The authenticity of materials and substance in buildings, street pattern and layout, and urban spaces is high, and is respected by official bodies and inhabitants alike. Traditions, uses, and customs directly linked to Brazilian cultural identity continue to be maintained.

Protection and management requirements

The urban management of São Luís' Historic Centre is performed at the three levels of government: federal, state, through the municipal policies governing the preservation of local historical heritage property.

Following the city's registration on UNESCO's World Heritage List in 1997, there was a substantial increase in the demand for public measures to preserve the site and in the interest of government institutions to raise public awareness regarding the issue. To this end, the São Luís Municipal Government began developing the necessary instruments to safeguard the city's heritage, establishing in 1998 the Cultural Heritage Coordination (Coordenação de Patrimônio Cultural).

In 2003, the local government created the Historic Centre Management Centre (Núcleo Gestor do Centro Histórico) through Decree-Law 25441 to serve as an umbrella for the competent public agencies (municipal, state, and federal), organized civil society stakeholders, and private institutions to: integrate municipal measures and leverage the ties and partnerships forged between the various administrative and management levels; organize the delivery of public services to the Historic Centre; take steps to settle immediate problems arising in the area; propose activities and projects to spur local economic activity and ensure the sustainability of production and consumption patterns in the historical site, among other initiatives.

By virtue of this effort, the Municipal Foundation for Historical Heritage (Fundação Municipal de Patrimônio Histórico – FUMPH) was established in 2005 for the purpose of implementing operational planning and executing municipal historical heritage policies, as well as local policy initiatives aimed at safeguarding and protecting the municipality's cultural heritage, as mandated in the Fundamental Law of São Luís.

In 2008, the Historic Center Management Centre (Núcleo Gestor do Centro Histórico) was dissolved due to a lack of effective policy coordination among the different spheres of government. While in operation, it did, however, provide a concrete experience in joint collaboration between the three levels of government.

The applicable urban administration and management regulations aimed at preserving the Cultural Heritage Site include the Municipal Master Plan of São Luís (Plano Diretor do Município de São Luís – 2006), through which protection of the site was integrated to the planning and territorial settlement process as part of the Municipal.

Other municipal ordinances serve to incentivize the preservation and maintenance of properties in the city centre as well, including Law 3836 of June 21, 1999, which waives local property tax assessments (Imposto sobre a Propriedade Predial e Territorial Urbana – IPTU) for well-conserved and preserved properties. Additional legislative instruments have been enacted to address the problem of property abandonment and inadequate maintenance, among them Law 4478/2005, which regulates articles 1275 and 1276 of the Brazilian Civil Code (Código Civil Brasileiro) governing property abandonment.

In the context of the effort to strengthen the specific applicable legislation, the following instruments must still be updated and adequately adapted: the Zoning Law (Lei de Zoneamento), the Urban Land Use and Occupation Ordinance (Uso e Ocupação do Solo Urbano – 1992), the Urban Building Code (Código de Posturas – 1968).

Beyond these initiatives, an additional provision still required within the scope of the specific municipal legislation governing the Historic Centre include standardizing the procedures for intervening in public buildings and spaces located in the protected zone, with a view to facilitating coordination among the responsible public agents. Further the process of population exodus caused by the relocation of traditional functions and uses to other areas of the city has led to the progressive abandonment and underutilization of buildings, which has exacerbated the problem of irregular occupation and the attendant risks. This challenging problem has been addressed on two fronts: first, through a review of the applicable municipal urban guidelines, with a view to augmenting the area's attractiveness as a functional urban space; second, through the promotion of initiatives to constrain ongoing population exodus.

and abandonment – including the São Luís Historic Centre Revitalization Program (Programa de Revitalização do Centro Histórico de São Luís – PROCIDADES) – IADB and São Luís Municipal Government (under negotiation); the National Tourism Development Program (Programa Nacional de Desenvolvimento do Turismo – PRODETUR) – Maranhão State Government (under negotiation); and the Growth Acceleration Program for the Expansion of Historic Cities (Programa de Aceleração do Crescimento das Cidades Históricas – PAC Cidades Históricas) (under negotiation) – an effort encompassing a diversity of actions aimed at protecting and preserving the Historic Center, as agreed to between IPHAN and the State and Municipal Governments under the 2010-2013 Plans of Action and the applicable Cultural Heritage Preservation Agreements (Acordos de Preservação do Patrimônio Cultural).

State Party: Property	Brazil: Historic Centre of the Town of Diamantina
Id. N°	890
Date of inscription	1999

Brief synthesis

In the heart of arid and rocky mountains in north-east Minas Gerais, the Historic Center of Diamantina rises 150m up the side of a steep valley, with winding and uneven streets following the natural topography. The Baroque architecture differs from that of other Brazilian towns in being of wood, and is distinguished by its geometry and details indicating transference on a modest scale of Portuguese architectural features. Churches have similar colours and textures as civil buildings, and most have only one tower. The regularly aligned 18th and 19th century semi-detached houses with one or two floors are painted in bright colours on a white ground, and contrast with the grey flagstone paving of the streets.

The historic centre testifies to the conquest of Brazil's interior regions, illustrating how explorers, diamond prospectors, and representatives of the Portuguese Crown forged an original culture in the 18th century, adapting their origins to the realities of the Americas.

Criterion (ii): Diamantina shows how explorers of the Brazilian territory, diamond prospectors, and representatives of the Crown were able to adapt European models to an American context in the 18th century, thus creating a culture that was faithful to its roots yet completely original.

Criterion (iv): The urban and architectural group of Diamantina, perfectly integrated into a wild landscape, is a fine example of an adventurous spirit combined with a quest for refinement so typical of human nature.

Integrity

The Portuguese inspired architectural patterns and urban outline of the Historic Center of Diamantina remains well preserved, both elements ingeniously etched into the surrounding rocky hillsides of varying altitudes that give rise to a stratified city separated from its highest to its lowest points by as much as 150 meters. This association between the natural environment and the urban space created a landscape in which the rugged surrounding territory merges seamlessly with the artistic body of the urban complex.

Authenticity

The urban complex is exemplified by a special configuration marked by the implementation of structures in continuous fashion, cadenced and scaled to the uneven terrain, giving expression to an urban fabric which has been preserved since its formation in the 18th century, as recorded in a variety of maps from the period.

The city's churches were built based on the same logic applied to the surrounding constructions, reinforcing the architectural complex and a homogeneity characterized by a sober and basic, yet refined, aesthetic of geometric facades.

The historical formation of the former Arraial do Tijuco, continuous appropriation of the related spaces and public roadways through the centuries by traditional religious festivals, and the predominantly residential use of the area are the key elements underlying the attributes that confer on the site its singularity and outstanding universal value.

Protection and management requirements

Protection of the Historical Center of Diamantina was first introduced in 1938 following recognition as a Brazilian Cultural Heritage Site under Process 64-T-38 and effective application of that protection through Decree-Law No. 25/37. Since the 1950s, the National Institute of Historical and Artistic Heritage (Instituto do Patrimônio Histórico e Artístico Nacional – IPHAN) has worked with the city, including through an emergency works team active at the site.

In 1982 and 1986, the National Historical and Artistic Heritage Service (Serviço do Patrimônio Histórico e Artístico Nacional – SPHAN/National Pro-Memory Foundation (Fundação Nacional Pró-Memória) developed two technical guidelines (Guidelines No. 01/82 and 01/86) for Vila Santa Isabel, a new section created from removal of land from the Santa Casa de Caridade of Diamantina, with a view to organizing the implementation of new structures to ensure more effective integration of the area with the landmarked site.

The Diamantina Master Plan (Municipal Law No. 035/99), the object of recommendations by ICOMOS for purposes of recognition as a UNESCO Historical Site, establishes parameters for land use and occupation in both the Historical Site and surrounding areas, including at the foot of the Cristais Mountains. An addition safeguard in the legislation involved creation of the Technical Support Group (Grupo de Apoio Técnico – G.A.T) in order to promote joint review between IPHAN and the Municipal Government of new construction projects in areas surrounding the Historical Site.

In 2002, the IPHAN-MG superintendence issued Directive 12/2002 governing the limits and rules for urban-architectural intervention in the city's architectural and urban complex and the surrounding areas. Among other measures, the Directive enhanced key municipal provision on land use and occupation in areas around the Historical Site.

The State Institute of Historical and Artistic Heritage (Instituto Estadual do Patrimônio Histórico e Artístico – IEPHA) designated the Cristais Mountains a Natural Property through a Provisional Landmark Designation approved on December 14, 2000, and a Permanent Landmark Designation approved by the State Cultural Heritage Council (Conselho Estadual do Patrimônio Cultural – CONEP on November 19, 2010, expanding the legal protection of the natural monument, a landscape recognized as inseparable from the Historical Site.

The Monumenta Program, a joint initiative between IPHAN/Ministry of Culture and the Municipal Government has devoted significant financial resources toward management of the cultural heritage and the recovery of essential public and private historical landmark spaces and buildings in the city.

Land marking studies in connection with the Cristais Mountains by IPHAN are currently under development, with a view to strengthening protection of the natural monument, one critical to understanding the context and singularity of the Diamantina Historical Site as a unique landscape.

State Party: Property	Brazil: Historic Centre of the Town of Goiás
Id. N°	993
Date of inscription	2001

Brief synthesis

The Historic Centre of the Town of Goiás is built between two series of hills, along a small river, the Rio Vermelho. The areas on the right bank are tight up against the north-western hills, and have a popular character, indicated by the church of Rosario, which was traditionally reserved for slaves. The areas on the left bank, limited by the hills to the south-east, are reserved for the more representative groups of buildings, including the parish church (today the cathedral) of Santana, the Governor's Palace, the barracks, the Casa de Fundição (foundry), extending to the Praça do Chafariz and climbing towards the hill of Chapeu do Padre. Here are also to be found the historic residential quarter and a characteristic market place.

The urban layout is an example of the organic development of a mining town, adapted to the conditions of the site. Although modest, both public and private architecture form a harmonious whole, due to the coherent use of local materials and vernacular techniques.

Goiás testifies to the occupation and colonization of the lands of central Brazil in the 18th and 19th centuries. The origins of the town of Goiás are closely related with the history of the more or less official expeditions (bandeiras), which left from São Paulo to explore the interior of the Brazilian territory. It was the first officially recognized urban core, the first borough to be planned West of the demarcation line of the Treaty of Tordesillas that defined the boundaries of the Portuguese possessions.

Criterion (ii): In its layout and architecture the Historic Center of the Town of Goiás is an outstanding example of a European town admirably adapted to the climatic, geographical and cultural constraints of central South America. This is demonstrated by the urban plan adapted to the topography either side of the river, the architectural features and layouts, materials and building techniques.

Criterion (iv): The Historic Center of the Town of Goiás represents the evolution of a form of urban structure and architecture characteristic of the colonial settlement of South America, making full use of local materials and

techniques and conserving its exceptional setting. It is the last remaining example of the occupation of the interior of Brazil, as it was practiced in the 18th and 19th centuries. The Historic Center of the Town of Goiás is characterized by the harmony of its architecture, due to the proportions and types of buildings.

Integrity

The Historic Center of the Town of Goiás went through a long period of stagnation from the 19th century until recent times. Its townscape has therefore not been subject to any major changes in modern times. Otherwise, it is a good example of the appearance of the mining town of the 18th and 19th centuries, including its natural environment, which has remained intact. The few constructions that have taken place since the 19th century have been made using for the most part traditional techniques and building materials, or their size and architectural expression do not jeopardize the integrity of the place.

Authenticity

The Historic Center of the Town of Goiás and its hinterland bear a rich cultural tradition that includes not only architecture and construction techniques but also music, poetry, gastronomy, and popular events. Many of these traditions continue and form a substantial part of the cultural identity of Goiás. The historic centre has an important meaning for the local community, not only on account of its urban and architectural values but also for its rich social and cultural life. The relatively modest development of tourism reinforces the genuineness and authenticity of these cultural manifestations. For that reason, the Historic Center of the Town of Goiás is considered to have well preserved its historical authenticity.

Protection and management requirements

The applicable legislation governing the protection of the Historic Center heritage site is set out in the Brazilian Federal Constitution (1988), in particular articles 20, 23-24, 30, 182, 215-216, and 225. In 1978, the Historic Center of the Town of Goiás was designated a federal heritage site by the National Institute of Historical and Artistic Heritage (Instituto do Patrimônio Histórico e Artístico Nacional – IPHAN), although individual structures had been protected since the 1950s. At the federal level, protected heritage properties are governed by Decree-Law 259 (1937) and IPHAN Directive 001 (1993). In response to the recommendations of the International Council on Monuments and Sites – ICOMOS, the protected perimeter was expanded in 2003 to include an additional 300 properties and 6 urban farmsteads which surround the city to form a “green belt” of protection. In 2010, IPHAN issued Directive 187, which sets forth the procedures for investigating and ascertaining administrative violations arising from conduct and activities that cause damage to the architectural heritage. In addition, the Historic Center of the Town of Goiás is protected at the state and municipal levels through State Law 8915 (1980) and Municipal Law 206 (1996), respectively. Review of the city’s Master Plan is still pending.

IPHAN’s Goiás Technical Office has primary responsibility for day-to-day enforcement of the heritage site, a task accomplished primarily through ongoing monitoring and surveillance of the site. Staff of the agency’s Goiás State Superintendence conduct regular visits to the city, providing the local Technical Office with the necessary support.

In regard to the flooding that affected the Historic Center of the Town of Goiás less than a month after its designation as a World Heritage Site, specific guidance from ICOMOS provided invaluable support to the effort to address specific cases of cultural properties found in degraded and poor condition, spurring the execution of emergency repair work and subsequent rehabilitation of structures damaged by the disaster. Surviving knowledge and continuing use of traditional construction techniques by local builders has been central to maintaining the integrity of the site. All measures to date have been conducted in exemplary fashion by the working group established under IPHAN and the related goals and objectives fully achieved.

Significant urban restoration and rehabilitation efforts have been implemented with budget resources from IPHAN and the Monumenta Program. Indeed, the financial resources extended through the Program to privately owned properties have played a particularly significant role in enhancing the city’s urban framework. Moreover, IPHAN has provided a crucial contribution by training qualified personnel in restoration and refurbishment work, while indirectly contributing to job creation in the city through the contracting of public projects. Educational initiatives have also been sponsored with a view to transforming the local population into a primary guardian of local cultural heritage, guided by the recognition that this objective is inextricably bound to the local community’s knowledge and understanding of that heritage. In late 2009, the federal government launched the Growth Acceleration Program for Historical Cities (Programa de Aceleração do Crescimento para as Cidades Históricas – PAC-CH), which encompasses the city of Goiás. The program serves as an important management tool, through which guidelines, measures, and goals aimed at fostering integrated action within the pertinent government agencies in coordination with organized civil society are set forth based on a clearly defined strategic plan. In particular, the measures seek to endow historical cities with the means to adapt themselves to the needs of contemporary life while preserving their cultural heritage.

Current challenges include promoting enhanced coordination between government agencies and civil society organizations to address the cultural issues associated with the environmental context in which the city is embedded.

State Party: Property	Brazil: Historic Centre of the Town of Olinda
Id. N°	189
Date of inscription	1982

Brief Synthesis

The exceptional ensemble of landscape, urbanism and architecture found in the Historic Centre of the Town of Olinda is an eloquent reflection of the prosperity nourished by the sugar economy. Founded in 1535 on hillsides overlooking the Atlantic Ocean on Brazil's northeast coast, close to the isthmus of Recife where its port is situated, Olinda served from the last years of the 16th century onward as one of the most important centres of the sugarcane industry, which for almost two centuries was the mainstay of the Brazilian economy. This former capital of the Portuguese administrative division (capitania) of Pernambuco became the symbol of sugar and of the wealth it procured. Its historic centre today is marked by a number of architecturally outstanding buildings set in the lush vegetation of gardens, hedgerows and convent precincts, a mass of greenery bathed in tropical light with the sandy shore and ocean below.

Rebuilt by the Portuguese after being looted and burned by the Dutch, Olinda's existing historic fabric dates largely from the 18th century, although it incorporates some older monuments such as the 16th-century church of São João Batista dos Militares. Olinda became a remarkable nucleus, first as an economic, architectural and artistic centre, and later as a centre for the renewal of ideas. The harmonious balance between its buildings, gardens, convents, numerous small passos (chapels) and about twenty baroque churches all contribute to the Historic Centre of the Town of Olinda's particular charm. It is dominated by the Catedral Alto da Sé, the former Jesuit church and college (now the church of Nossa Senhora da Graça), the Palácio Episcopal, the Misericórdia church, the convents of the Franciscans, Carmelites and Benedictines, and various public buildings ranging from the 17th to 19th centuries. The studied refinement of the decor of these architectural works contrasts with the charming simplicity of the houses, many of which are painted in vivid colours or faced with ceramic tiles. All are located in an informal web of streets and alleyways and set within a lush tropical forest landscape overlooking the ocean that differentiates this town and gives it its unique character.

Criterion (ii): The historic centre of Olinda contains a number of buildings that are outstanding from the point of view of both their architecture and decoration, including the Catedral Alto da Sé, the church of Nossa Senhora da Graça and examples of civil architecture ranging from the 17th to 19th centuries. The lush vegetation of the roadsides, gardens, hedgerows and convent precincts all form a landscape in which the salient feature is the town nestling in a mass of greenery, bathed in tropical light, with the sandy shore and ocean below.

Criterion (iv): From the last years of the 16th century onward, Olinda served as one of the most important centres of the sugarcane industry, which for almost two centuries was the mainstay of the Brazilian economy, and became the symbol of sugar and of the wealth it procured. The exceptional ensemble of landscape, urbanism and architecture in Olinda's historic centre is an eloquent reflection of the prosperity nourished by the sugar economy.

Integrity

Within the boundaries of the Historic Centre of the Town of Olinda are located all the elements necessary to express its Outstanding Universal Value, including its grand churches erected on the hilltops, imposing multi-storey structures and network of houses within a tree-covered landscape laid over an urban fabric delightfully moulded to the contours of the topography. The town's 190.9-ha historic centre is of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance. The Historic Centre of the Town of Olinda does not suffer from adverse effects of development and/or neglect. Continued controls on the possible negative effects of urban development have been effectively maintained.

Authenticity

The Historic Centre of the Town of Olinda has a high degree of authenticity in terms of location and setting, forms and designs, and materials and substances. Its historical location and design, the materials employed in its construction and the predominance of its original residential character are reaffirmed in the oldest surviving document on Olinda, the Foral Charter (Carta Foral), which includes the city's first "master plan," and in Dutch cartography and the engravings of Frans Post (17th century). Its defining attributes remain fully intact, having been preserved in their essence and constituting an intelligible unit, whether taken as a whole or separately.

The authenticity of the property has been threatened by processes that have destabilised the hill slopes, including the centuries-long slow movement of the slopes, which has affected foundations and caused cracks in buildings; and, in recent years, rising water levels in the soil coupled with a poor or non-existent rainwater and sewage drainage system, the removal of vegetation, and the creation of unstable embankments and cuts for housing construction.

Protection and management requirements

The Historic Centre of the Town of Olinda is protected by instruments enacted through a series of specific standards and laws: inscriptions no. 412 in the Livro do Tombo Histórico, no. 487 in the Livro do Tombo de Belas Artes and no. 044 in the Livro do Tombo Arqueológico, Etnográfico e Paisagístico in 1968, designating the Historical Site of Olinda as a Brazilian cultural heritage site, implemented by the federal government through the Instituto do Patrimônio Histórico e Artístico Nacional (National Institute of Historical and Artistic Heritage – IPHAN); Federal Notification of 1979, delimiting the protected site and surrounding areas; and the Sistema Municipal de Preservação (Municipal Preservation System), created by means of Municipal Law No. 4119/1979 and consisting of a Foundation, Council (composed of representatives of the municipal, state and federal governments) and Preservation Trust Fund. National Monument designation was conferred by the state in 1980, with a view to protecting the site's physical assets in recognition of its history, art and landscape.

Various administrative and management instruments include a revised federal standard governing the preservation of heritage sites, issued in 1985; a municipal historic preservation law, drafted in 1992; and a review of the Municipal Preservation System, undertaken in 2010. The Monumenta Program and IPHAN have carried out urban renovation measures on a broad scale and facilitated the allocation of public funding to private properties for the purpose of preserving and restoring historical housing structures. The Plano de Ação para as Cidades Históricas (Action Plan for Historic Cities), launched by IPHAN in 2010, involves federal and state institutions to support the development, restoration and revitalization of historic cities in the country, among them the Historic Centre of the Town of Olinda.

Sustaining the Outstanding Universal Value of the property over time will require developing strategies and actions based on scientific analysis to eliminate or mitigate the processes that have destabilised the hill slopes; maintaining effective controls on the possible negative effects of urban development; and establishing monitoring indicators related to these and other future interventions, to ensure that such interventions do not have a negative impact on the Outstanding Universal Value, authenticity and integrity of the property.

State Party: Property	Brazil: Historic Town of Ouro Preto
Id. Nº	124
Date of inscription	1980

Brief synthesis

Founded in the early 18th century 513km north of Rio de Janeiro, the Historic Town of Ouro Preto (Black Gold) covers the steep slopes of the Vila Rica (Rich Valley), centre of a rich gold mining area and the capital of Minas Gerais Province from 1720-1897. Along the original winding road and within the irregular layout following the contours of the landscape lie squares, public buildings, residences, fountains, bridges and churches which together form an outstanding homogenous group exhibiting the fine curvilinear form of Baroque architecture. The Historic City of Ouro Preto was the symbolic center of the Inconfidência Mineira in 1789, a Brazilian independence movement, and home to exceptional artists responsible for many of the most significant works of the Brazilian Baroque period, including the Church of São Francisco of Assisi by the distinguished architect and sculptor Antonia Francisco Lisboa (Aleijadinho). The area's isolation for the better part of the 19th and 20th centuries generated economic stagnation, fostering preservation of the original colonial constructions and urban pattern.

Criterion (I): Set in a remote and rugged landscape, the aesthetic quality of the vernacular and erudite architecture and irregular urban pattern of Ouro Preto makes the town a treasure of human genius. The most notable of the city's architectural works are represented by the religious monuments and administrative buildings, including the Palácio dos Governadores (Governors' Palace), today the School of Mines, and the former Casa de Câmara e Cadeia (Administrative and Prison House), home to the Inconfidência Museum. The Baroque churches carry sculptures by Antônio Francisco Lisboa, Aleijadinho, colonial Brazil's greatest artist, and the ceiling paintings of Manuel da Costa Athaide among others. These were the representatives of the initial expressions of an artistic form deemed genuinely national and developed in a region marked by difficult access and a scarcity of materials and labor in the 18th century.

Criterion (III): The built heritage of the Historic City of Ouro Preto bears exceptional testimony to the creative talents of a society built on pioneering mining wealth under Portuguese colonial rule. Although the architecture, paintings, and sculptures are based on underlying models introduced by Portuguese immigrants, the works vary significantly from the contemporary European art, not only with respect to their spatial conception, but in their decorative treatment, in particular the stone sculptures carved on the facades, distinctive for their originality and design and in the combined use of two materials, gneiss and soapstone. The absence of formal convents or monasteries, due to the edict of the Portuguese Crown which prohibited the establishment of religious orders in Minas Gerais, led to the construction of churches and chapels displaying the full splendor, quality, and originality of the syncretized artistic traditions of two cultures.

Integrity

The Historic Town of Ouro Preto retains its urban nucleus built in the colonial period, including the diversity of civic and religious buildings marked by refined aesthetic and architectural qualities that express Outstanding Universal Value. Not all of these are in a good state of conservation; some houses and churches suffer from neglect.

The historic town is vulnerable to urban growth, traffic, industrialization and tourist impact. The expansion of Ouro Preto to the surrounding hillsides, occupying geologically unstable terrains, green areas, archaeological areas, and public spaces, poses a threat of irreversible damage to the urban setting.

Authenticity

The relevant examples of religious and civic architecture and the accompanying works of art within Ouro Preto have been preserved in terms of form and design, materials and immediate setting. Controlled growth of the city's surrounding areas and limits on the scale of new buildings have served to maintain the urban landscape of the 18th and 19th centuries within the property largely unaltered. In regard to the city's residential and commercial constructions, inevitable modifications have been authorized while safeguarding the original facades. The preservation measures adopted by the Federal Government with the support of the local government, based on urban planning norms and successive conservation and recovery projects have ensured the authenticity of the cultural property.

Protection and Management requirements

Since the 1930s, the Historic City of Ouro Preto has been targeted for protection through a series of government initiatives. The first involved Municipal Decrees 13 of 1931 and 25 of 1932 issued by Mayor João Velloso, which mandated the "preservation of the colonial façade." A year later, President Getúlio Vargas designated the city a National Monument. Creation of the National Historical and Artistic Heritage Service (Serviço do Patrimônio Histórico e Artístico Nacional – SPHAN), today the National Institute of Historical and Artistic Heritage (Instituto do Patrimônio Histórico e Artístico Nacional – IPHAN), and enactment of Decree-Law 25 of November 30, 1937, put in place the necessary legal instruments, which continue in effect to the present day, to ensure the protection of all cultural property determined to be of outstanding value to the nation. Based on the Decree, the Architectural and Urban Framework of Ouro Preto was formally entered in the Fine Arts Heritage Registry (Livro de Tombo de Belas Artes) on January 20, 1938.

Beginning in the 1950s, the city experienced significant expansion and a rise in heavy traffic flows in the light of the region's emerging economic development, a direct consequence of intensified steel production and mining activities. In response, the Federal Government built a highway around the city named after SPHAN's first director, Rodrigo Mello Franco de Andrade. A second measure implemented to protect the city from excessive vehicle traffic involved construction of a bus terminal on the outskirts of Ouro Preto to clear the central section of intra- and interstate and tourist buses. With a view to enhancing management of Ouro Preto's cultural heritage, IPHAN opened a Technical Office in the city in the 1980s staffed with a multidisciplinary team of professionals. In the light of these measures, the Brazilian Government submitted an application to UNESCO requesting designation of Historic Town of Ouro Preto as a World Heritage Site. On September 5, 1980, the city became Brazil's first cultural property entered on the World Heritage List. On September 15, 1986, IPHAN expanded the site's heritage designation through inscription in the Historical Landmark Registry and the Archeological, Ethnographic and Landscape Registry.

In the 1990s, the Technical Advisory Group (Grupo de Assessoramento Técnico – GAT) was established, composed of technical experts representing IPHAN and the Municipal Government, in addition to other government agencies devoted to the city's preservation efforts. The group developed a series of guidelines to control land use and occupation in the city center, officially referred to as the Special Protection Zone (Zona de Proteção Especial). These guidelines were formally consolidated in a specific IPHAN Directive issued in 2004.

Similarly, a set of regulations agreed to by the different levels of government served to reinforce the initial version of the Municipal Master Plan approved through Complementary Law 1 of December 19, 1996. Ten years later, the Master Plan was submitted to review and updated through a specific Complementary Municipal Law.

In addition to these legislative initiatives, the Municipality adopted a number of other measures to regulate urban land use, in particular through the introduction of model Architectural Projects based on "Community Design Plans" ("Plantas Populares") for construction work within the Municipality of Ouro Preto, but outside the area entered on UNESCO's Heritage List, and the establishment of the Municipal Public Engineering and Architectural Service (Serviço Municipal de Engenharia e Arquitetura Pública), tasked with providing low-income families with free public technical assistance on the design and oversight of social interest housing building projects.

With a view to strengthening shared management of the site, in 2006 the Municipality established the Municipal Secretariat of Urban Heritage and Development (Secretaria Municipal de Patrimônio e Desenvolvimento Urbano), an agency composed of a multidisciplinary team of professionals. The Secretariat provides support to the Municipal Cultural and Natural Heritage and Urban Policy Councils (Conselhos Municipais de Patrimônio Cultural e Natural e de Políticas Urbanas) and is financed through the Heritage Preservation Fund (Fundo de Preservação do Patrimônio).

In 2010, IPHAN issued rules setting forth criteria for the preservation of Ouro Preto's Architectural and Urban Framework, regulating interventions in the federally protected area, and repealing, in the process, all previous regulations governing (includes the declared area) the related questions. Also in 2010, IPHAN issued two normative rules aimed at enhancing the city's management: Directive 187 of June 11, 2010, governing the procedures for conducting investigations into alleged administrative violations involving conduct and acts which are deemed to be harmful to or damage the city's cultural heritage structures, and Directive 420 of December 22, 2010, which sets out the procedures for authorizing interventions in protected heritage structures and the respective surrounding areas.

A number of challenges remain to ensure proper management of the city, enhance urban expansion planning through additional controls on the occupation of the surrounding hillsides, regulate general traffic planning in the urban zone surrounding the protected area, and effectively develop the area's tourist-cultural potential, transforming the city into an international cultural destination, recognized for its rich cultural heritage.

The substitution of traditional materials and techniques with new ones and the occupation of open spaces at the back of existing lots and within the heart of the complex has been spurred by demands for new housing, a contributing factor for which has been the significant expansion of the Federal University and local Technical School. Measures have been taken at both the federal and municipal levels to stem this trend, an effort which has secured modest success to date.

Throughout the period described above, the Historic City of Ouro Preto has received significant investments aimed at conserving and restoring its cultural heritage and ensuring, in this way, the site's perpetuation and use for current and future generations.

State Party: Property	Brazil: Sanctuary of Bom Jesus do Congonhas
Id. N°	334
Date of inscription	1985

Brief synthesis

Standing high on a platform reached by a slightly curved, divided staircase carrying on its parapets statues of the twelve prophets in soapstone (pedra sabão), the Sanctuary of Bom Jesus de Congonhas is approached via a ramped forecourt between six chapels marking Stations of the Cross (the Passos). Dating from the second half of the 18th century, the church with its magnificent Italian rococo interior is a masterpiece of the Baroque style reflecting in its architecture and ornamentation the transition period in which it was built. The soapstone statues together with the polychrome wooden sculptures depicting scenes of Christ's Passion housed in the chapels stand as a crowning achievement of the creative genius of Francisco Antônio Lisboa, Aleijadinho, who bequeathed to humanity a truly impressive body of work.

Criterion (I): The architectural and sculptural complex of the Sanctuary of Bom Jesus de Matozinhos represents a singular artistic achievement, a jewel of the human genius, reflecting the apex of Christian art in Latin America, as expressed in the work of Aleijadinho, a thoroughly original and expressive work of the Baroque style transported to the tropics.

Criterion (IV): The Sanctuary of Bom Jesus de Matozinhos in Congonhas marks a crossroads in the evolution of mid-17th century religious architecture in Portuguese America, more specifically Minas Gerais, as reflected in the basilica's flame-like, slightly recessed towers and innovative rococo style façade which converge to form an important example of Baroque art in Latin America.

Integrity

The Sanctuary of Bom Jesus de Congonhas remains in good condition. The material whole continues to express the full significance of the values attributed to the cultural property, representing a unique artistic achievement and outstanding example of 18th century Brazilian architecture. Despite the changes brought on by the urban growth of Congonhas, the Sanctuary remains intact and survives to this day as a religious icon of the region.

Authenticity

The architectural and sculptural complex of the Sanctuary of Bom Jesus do Matozinhos in Congonhas has maintained its intrinsic values thanks to the effective conservation of its constituent elements including: the church of Bom Jesus, completed in 1772; the staircase, decorated with soapstone sculptures of the prophets; and the chapels marking the stations of the Cross with expressive sculptural groups representing the Passion of Christ. Despite the changes brought on by Congonhas' urban growth, the Sanctuary remains intact and continues to stand as a focus for pilgrimage throughout the region.

Protection and management requirements

Since the Sanctuary's federal designation in 1939 as an historical site, officially recognized through its registration on UNESCO's World Heritage List, the National Institute of Historical and Artistic Heritage (Instituto do Patrimônio Histórico e Artístico Nacional – IPHAN) has worked assiduously to protect and conserve the location, with a view to preserving the cultural property's significance and the attendant values attributed to it.

The Sanctuary of Bom Jesus de Matozinhos in Congonhas was designated a federal heritage site by IPHAN on September 8, 1939. The votive offering room in the Sanctuary's interior, also known as the Room of Miracles, where the faithful deposit objects as thanks for the blessings obtained through Our Father Bom Jesus's divine intercession, was designated a federal heritage site by IPHAN on January 29, 1981.

Construction is underway on a space designed to value the architectural and landscaping complex of the Sanctuary of Bom Jesus de Matozinhos in Congonhas and house the Baroque and Stonework Studies Reference Center (Centro de Referência do Barroco e Estudos da Pedra). The project is an initiative of IPHAN in partnership with the Congonhas Municipal Government and the UNESCO Brazil Office.

Proposals have been put forward to expand the protected area around the site to include not just the immediate surrounding areas, but a substantial perimeter encompassing the Architectural and Urban Complex of the city of Congonhas, which has progressively become a center for religious pilgrimage, due principally to the Sanctuary of Bom Jesus de Matozinhos. IPHAN has implemented a series of measures in partnership with the Monumenta Program and the Congonhas Municipal Government in an effort to reclaim and value the heritage monuments located in the Architectural Complex. The Monumenta Program is an urban cultural heritage reclamation program operated by the Ministry of Culture and funded by the Inter-American Development Bank (IADB) through which substantial financial investments have been made, in conjunction with IPHAN, to enhance the capacity of the municipal government to manage local cultural properties and reclaim significant historical spaces and buildings throughout the city.

The municipal government is currently in the process of approving the designation of the Serra de Santo Antônio as a heritage site, establishing guidelines on its occupation, including surrounding areas, with a view to reinforcing the protection of this critical element of the Congonhas cultural landscape.

The current Congonhas Master Plan, enacted through Law 2457/2004, sets out rules and guidelines for the use and occupation of areas around the municipality's historical monuments. New construction projects in the municipality are subject to joint reviews by IPHAN's Technical Office in Congonhas and the Municipal Government, a measure intended to mitigate the degradation of the areas around the Sanctuary's perimeter.

The key challenge identified in the process is the need to adopt a management approach for the historic center centered on fostering the site's integration with the surrounding urban landscape through a process of active inclusion of the various communities.

State Party: Property	Cuba: Archaeological Landscape of the First Coffee Plantations in the South-East of Cuba
Id. N°	1008
Date of inscription	2000

Brief Synthesis

The First Coffee Plantations in the Southeast of Cuba is a cultural landscape illustrating colonial coffee production from the 19th to early 20th centuries. It includes not only the architectural and archaeological material evidence of 171 old coffee plantations or cafetales, but also the infrastructure for irrigation and water management, and the transportation network of mountain roads and bridges connecting the plantations internally and with coffee export points. The topography, dominated by the steep and rugged slopes of the Sierra Maestra foothills, speaks to the plantation owners' (primarily of French and Haitian origin) ingenuity in their exploitation of the natural environment through the sweat and blood of their African slaves. The inscribed property occupies a total area of 81,475 hectares within the two provinces of Guantanamo and Santiago de Cuba. The Sierra Maestra Grand National Park encompasses the area of the inscribed property located in Santiago de Cuba.

Individual plantations exist in varying states of preservation from the restored museum of La Isabelica coffee plantation farm to plantation ruins that are no more than archaeological sites. Typically, plantations include the owner's house, terraced drying floors, production areas for milling and roasting, and workers' quarters. Other outbuildings such as workshops are found on the larger plantations. The coffee processing system of wet pulping, developed exclusively by the French in this area required specific hydraulic infrastructure of cisterns, aqueducts and viaducts which are still visible in the landscape. Surviving vegetation illustrates the integration of coffee

growing shaded by the natural forest or under fruit trees as well as French-style formal gardens that integrated local flora.

Criterion (ii): The remains of the 19th and early 20th century coffee plantations in eastern Cuba are unique and eloquent testimony to a form of agricultural exploitation of virgin forest, the traces of which have disappeared elsewhere in the world.

Criterion (iv): The production of coffee in eastern Cuba during the 19th and early 20th centuries resulted in the creation of a unique cultural landscape, illustrating a significant stage in the development of this form of agriculture.

Integrity

The Landscape of the First Coffee Plantations in the Southeast of Cuba has survived intact primarily due to the fact that the area was mostly abandoned in the early 20th century as this region's traditional coffee growing techniques were increasingly unable to compete with new methods adopted elsewhere in Latin America. The large area included within the inscribed property, of 171 plantations in over 800 square kilometres, has permitted the preservation of a cultural landscape for coffee production from the agricultural level, to its processing, and the roads, trails and bridges that linked the product to market. Individual plantations include the owner's house (often based on Basque traditions), aqueducts, flourmills, fermentation tanks, drying sheds, and barracks.

Current threats to the inscribed property are primarily due to its status as a largely abandoned archaeological site and the reclamation of the landscape by nature. Efforts have been made to clear and fence plantations in order to protect them from intrusions. The region is an active tectonic zone with a history of earthquakes. In future, this area may come under increased threat from uncontrolled tourism and the exploitation of natural resources although currently accessibility to the majority of the cultural properties is very limited due to its isolation. Additional potential threats to the site are the possible effects of climate change on coffee plantations, particularly drought.

Authenticity

The cafetales within the inscribed area illustrate a rich and complete history of an era of agricultural industry with significant material cultural. Surviving evidence includes examples of the ingenious system aqueducts and viaducts as well as of cisterns and mills used to pulp the berries required for the wet system of coffee production. Plantation owners typically were of French or Haitian origin and created a distinct regional culture in their music, dance and gastronomy which continues to survive.

Authenticity during the restoration process is maintained through careful excavation and study of some fifty archaeological sites along with the examination of written documentation such as wills, diaries, travellers' accounts in Cuban and French archives.

The abandoned plantations exist in a variety of states of restoration. While the plantations have common features, each is distinct with its own unique elements.

Restoration projects undertaken at various plantations have been based on detailed archaeological and documentary research and applied authentic materials and techniques. Such projects have included the development of La Isabelica museum in the 1960s, and more recently the owner's house at Ti Arriba plantation museum and the garden at San Juan de Escocia. Some of the original road infrastructure has been upgraded although most remain in their original form as simple mule tracks and footpaths.

Requirements for protection and management

The components of the inscribed property are owned by the Cuban government through various institutions of the Ministry of agriculture (Minagri). The national government provides for legal protection and conservation of the system of ruins from the French coffee plantation settlements through the National Monuments Commission. At the provincial level, this is the responsibility of the Provincial Cultural Heritage Centres with the involvement of the Santiago City Curator's Office.

Strong legislative protection is in force in the region, in particular within the Sierra Maestra Grand National Park (1980). Plantations within Guantanamo Province have special protection as part of regional planning regulations as part of the Nipe-Sagua-Baracoa mountain ridge area.

Tourism development plans are focused on controlled tourism in defined areas linked by footpaths where motorized transportation is not possible. Additional undertakings, designed to improve the region's socio-economic situation, have included economic development and soil use studies.

Exceptionally, the inscribed property does not include a buffer zone due to its extent of territory covered with the inclusion of the 171 plantations along with the landscape between them.

State Party: Property	Cuba: San Pedro de la Roca Castle, Santiago de Cuba
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Id. N°	841
Date of inscription	1997

Brief synthesis

San Pedro de la Roca Castle, a multi-level stone fortress built into a rocky promontory (*El Morro*) at the south-eastern end of the island of Cuba, has guarded the entrance to Santiago de Cuba Bay since 1638. This exceptional fortress and its associated defensive works were constructed in response to the aggressive commercial and political rivalries that menaced the Caribbean during the 17th and 18th centuries; today, they constitute the largest and most comprehensive example of the principles of Renaissance military engineering adapted to the requirements of European colonial powers in the Caribbean. A classic bastioned fortification in which geometrical form, symmetry and proportionality between sides and angles predominate, the Castle is an outstanding representative of the Spanish-American school of military architecture.

San Pedro de la Roca Castle and its associated batteries of La Estrella, Santa Catalina and Aguadores protect the entrance to the bay and port of San Diego de Cuba, which was of great importance because of its geographical situation, its favourable currents and its protected anchorages. As conflicts between Spain and England grew in the 17th century, the town's governor ordered the construction of a stone fortress on a strategic point where an earlier ravelin existed, following the designs of the renowned Italian military engineer Juan Bautista (Giovanni Battista) Antonelli. The fortress was built into the promontory's steep cliffs in a progression of terraces, one above another, linked by a series of stairways. At the lowest level, just above high-water mark, is a fortified gun platform, powder magazine, command building and guard post. Next is the Santísimo Sacramento Platform, which includes gun emplacements, a powder magazine and quarters for its garrison. Above it are the El Aljibe, De Adentro and Napoles platforms. This part of the castle took its present form during a mid 18th-century reconstruction, when the North and South Bastions were added. The Santísima Trinidad Platform is the highest level of the main castle, and was built in the 1660s. To the north lies La Avanzada Fort, which completes the chain of smaller defensive works down the north side of the promontory, consisting of La Estrella Fort and two smaller forts built in the 1660s. Added later were the Semaphore Tower, the Chapel of Santo Cristo and the Lighthouse, all built in 1840, and two batteries, Scopas Alta and Vigia, built in 1898. The fortress – which has been repaired, reconstructed and consolidated numerous times due to earthquakes and attacks – declined during the early 20th century due to lack of maintenance, but was restored in the 1960s. This intricate complex of forts, magazines, bastions and batteries, all based on Italian and Renaissance design principles, is today the most complete and best-preserved example of this Spanish-American school of military architecture.

Criterion (iv): Constructed in response to the aggressive commercial and political rivalries that menaced the Caribbean during the 17th and 18th centuries, the Castle of San Pedro de la Roca and its associated defensive works are of exceptional value because they constitute the largest and most comprehensive example of the principles of Renaissance military engineering adapted to the requirements of European colonial powers in the Caribbean.

Criterion (v): The Castle, a classic bastioned fortification in which geometrical form, symmetry and proportionality between sides and angles predominate, is an outstanding representative of the Spanish-American school of military architecture.

Integrity

Within the boundaries of San Pedro de la Roca Castle, Santiago de Cuba, are located all the elements necessary to express its Outstanding Universal Value, including the Castle fortress complex and its associated forts, magazines, bastions and batteries, as well as the rocky promontory *El Morro* on which the Castle is located. (Not all the elements that make up the property have been fully documented.) The 94 ha property is of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance, and it does not suffer from adverse effects of development and/or neglect.

Many aggressive atmospheric agents and sources of pollution have been registered that may threaten or damage the property, as well as its environment.

Authenticity

The authenticity of San Pedro de la Roca Castle, Santiago de Cuba, is high in terms of location and setting, forms and designs, and materials and substances. It underwent little change from the late 19th century, when its use as a fortress ceased, to the 1960s, when restoration work was undertaken according to the 1964 Venice Charter.

A number of conservation problems were noted in 1997. The most serious related to the wooden elements of the monument, where the choice of inappropriate timbers combined with pest attack resulted in severe degradation. The eroded walls needed stabilisation treatment, the vaults beneath the Santísimo Sacramento Platform required consolidation, and there was unsightly and potentially damaging vegetal growth in many of the walls.

The property is in an active seismic zone (Site Class A, hard rock).

Protection and management requirements

San Pedro de la Roca Castle, Santiago de Cuba, is owned by the Cuban state. The responsible national agency is the *Consejo Nacional del Patrimonio Cultural* (National Council of Cultural Heritage). The inscribed property is protected by provisions in the *Constitución de la República de Cuba* (Constitution of the Republic of Cuba) of 24 February 1976 and by National Monuments Commission Resolutions 9/1979 and 147/1997 designating it as a National Monument, in application of the *Ley de Protección al Patrimonio Cultural* (Law on the Protection of Cultural Property, Law No. 1 of 4 August 1977), and the *Ley de Monumentos Nacionales y Locales* (Law on National and Local Monuments, Law No. 2 of 4 August 1977). It is also part of Turquino Peak (Sierra Maestra) National Park. The property is managed by the *Centro Provincial del Patrimonio Cultural de Santiago de Cuba* (Provincial Centre for the Cultural Heritage of Santiago de Cuba), and the Castle has been occupied by the *Museo de la Piratería* (Piracy Museum) since 1978.

The National Park in which the inscribed property is located has a management plan that takes into account the cultural sites within the park, as well as tourism pressures. In addition, a plan was prepared in 19?? for the monument itself by the provincial Technical Office for Monuments and Historic Sites and the provincial Physical Planning Administration. This plan has been approved by the municipality of Santiago de Cuba.

Sustaining the Outstanding Universal Value of the property over time will require registering and documenting all the elements that make up the property; addressing the identified and potential agents and sources of pollution that threaten the property and its environment; undertaking appropriate conservation interventions related to the severe degradation of the wooden elements of the monument; stabilising eroded walls; consolidating the vaults beneath the Santísimo Sacramento Platform; removing any potentially damaging vegetal growth in the walls; preparing a risk reduction and emergency preparedness plan for this active seismic zone; and establishing monitoring indicators related to these and other actions that may have an impact on the Outstanding Universal Value, authenticity and integrity of the property.

State Party: Property	Cuba: Urban Historic Centre of Cienfuegos
Id. N°	1202
Date of inscription	2005

Brief Synthesis

Cienfuegos was established in 1819 on the Caribbean coast of south central Cuba. Although located in Spanish territory, many of its first settlers were of French origin from Bordeaux and French colonies such as Louisiana. A commercial port town, located in the heart of a fertile agricultural region producing sugar, cane, mango, tobacco and coffee, its prosperity was primarily linked to the 19th-century sugar boom. By the 1860s, Cienfuegos was the third most important city in Cuba, by economical wealth.

The city's original centre was composed of 25 blocks, laid out in a grid plan with absolute geometric regularity, inspired by the Spanish Enlightenment. As an example of modern urbanism in Spanish American, this planned town reflected new socio-economic and cultural trends related to urban order, the role of public spaces, and public hygiene requirements for natural light and ventilation.

Public functions were focused on Parque José Martí (formerly Square of Arms) the site of the church and public and government buildings. Notable amongst the 19th-century Neoclassical buildings are the Santa Iglesia Catedral Púsima Concepción (Holy Church Pure Concepción Cathedral), the Tomás Terry Theater, the Spanish Casino, Palatino Tavern (or White Palace), the House Lions, "The Union" Hotel, the house-warehouse of the Spanish merchant José García of the Noceda, and the Customs Building.

Buildings dating from the early 20th century followed a more eclectic design but maintained certain proportions, construction materials and stylistic features creating harmony. residential buildings, for example, are one or two storey's in height with plain facades, generally without porches. Masterful metalwork of wrought and cast iron is present in elegant grills, railings and fences.

The inscribed historic centre covers 70 hectares surrounded by a buffer zone of 105 hectares that extends south along the eastern side of the port.

Criterion (ii): The Historic town of Cienfuegos exhibits an important interchange of influences based on the Spanish Enlightenment, and its is an outstanding early example of their implementation in urban planning in Latin America, in the 19th century

Criterion (iv): Cienfuegos is the first and an outstanding example of an architectural ensemble representing the new ideas of modernity, hygiene and order, in urban planning as these developed in the Latin America, from the 19th century

Integrity

The historic centre of Cienfuegos has retained its early 19th century urban fabric to a high degree. The grid plan defined the city's formal composition and spatial structure of plazas, square and wide avenues and has been respected and extended as the city grew beyond its original 25 block design. Integrity is also evident in the retention of many 19th century buildings along with the minimal alterations to the original building stock. Moreover, later buildings have largely respected the established height and general design proportions creating an overall harmony.

One of the greatest threats to the historic centre is the pace of urban growth. To date, the historic core has retained its form and has not undergone any drastic changes. Due to its situation as a coastal community in a tropical region, Cienfuegos is at the risk of natural disasters such as hurricanes.

Authenticity

The historic centre of Cienfuegos continues to function as a vital urban area, the heart of the modern city. It has retained its original grid pattern an illustration of the philosophical ideas of the Spanish Enlightenment on which it was based. The continuity of its urban form is visible in its present spatial structure with the larger piazzas, smaller squares, wide streets, and streetscapes of classically-styled residences.

Authenticity of the building stock within the inscribed area has been maintained in part through the use of traditional building material and construction techniques in both the rehabilitation and renovation of original building and new development. Consistency of use is evident throughout the area, in particular through the retention of port facilities and warehouses that speak to its ongoing value as a commercial port.

As the city on the island whose founders were French, Cienfuegos has preserved a cultural link to these early settlers not only with the visible urban fabric but intangibly within an ethnic mix that also includes Spanish, African and Chinese heritage.

Protection and management requirements

Legal protection exists at both the national and municipal levels. At the national level, principal legislation includes Protection of Cultural Heritage (1977), the law for National and Local Monuments (1977), and the 1995 declaration of Urban Historic Centre of Cienfuegos as a national monument. Additional protection includes Territorial Classification and Urban development (2001) and archaeological site preservation and conservation through the National Commission of Monuments of the Ministry of Culture (1979). The municipal government is also responsible for regular monitoring of the historic centre with the participation of several provincial level organizations.

A management plan for Cienfuegos, completed in 2004, provides some policy to address areas of urban growth and tourism. The "interventions program" includes several levels of appropriate intervention including restoration of historic buildings with new compatible uses and infill construction in empty lots. The Office of Monuments and Historic Sites manages municipal legislation as well as development and management plans that focus on actions of inventory, conservation and restoration. Specifically, this body provides support at all levels of rehabilitation from research to support and training courses related to traditional building techniques and materials.

State Party: Property	Cuba: Viñales Valley
Id. N°	840rev
Date of inscription	1999

Brief synthesis

The Viñales Valley in the Sierra de los Organos near the western end of the island of Cuba is an outstanding karst landscape encircled by mountains and dotted with spectacular dome-like limestone outcrops (mogotes) that rise as high as 300 m. Colonised at the beginning of the 19th century, the valley has fertile soil and a climate conducive to the development of stock-raising and the cultivation of fodder and food crops. Traditional methods of agriculture have survived largely unchanged on this plain for several centuries, particularly for growing tobacco. The quality of this cultural landscape is enhanced by the vernacular architecture of its farms and villages, where a rich multi-cultural society survives, its architecture, crafts and music illustrating the cultural development of Cuba and the islands of the Caribbean.

The striking karst landscape of the Viñales Valley is notable for its mogotes, a series of tall, rounded hills that rise abruptly from the flat plain of the valley. It is also significant for its cultural associations, particularly its traditional agricultural practices related to growing tobacco. Because mechanical methods of cultivation and harvesting lower the quality of tobacco, time-honoured methods such as animal traction are still used. The lush landscape is

largely rural in character. Most of the buildings scattered over the plain are simple, built of local and natural materials and used as homes or family farms. The village of Viñales, strung out along its main street, has retained its original layout and many interesting examples of colonial architecture, mostly one-storey wooden houses with porches. The valley is home to an original culture, a synthesis of contributions from indigenous peoples, Spanish conquerors and African slaves who once worked the tobacco plantations. An excellent illustration is the musical expression of the field worker (veguero), of which Benito Hernández Cabrera (known as the Viñalero) was the main interpreter. Traditional crafts also flourish here. Cubans identify strongly with the Viñales Valley because of the beauty of the site and its historical and cultural importance. In the visual arts, the valley has been transformed into a symbol of the Caribbean landscape by various artists.

Criterion (iv): The Viñales Valley is an outstanding karst landscape in which traditional methods of agriculture (notably tobacco growing) have survived unchanged for several centuries. The region also preserves a rich vernacular tradition in its architecture, its crafts, and its music.

Integrity

Within the boundaries of the Viñales Valley cultural landscape are located all the natural and cultural elements necessary to express its Outstanding Universal Value, including the karst landscape's defining features, the agricultural usage patterns and the vernacular architecture, as well as the land tenure, traditional agricultural methods of farming and associated infrastructure that support the cultural landscape's related intangible heritage. The 132-km² property is of sufficient size to adequately ensure the complete representation of the features and processes that convey the property's significance, and it does not suffer from adverse effects of development and/or neglect. Tourism development is expected to represent a future threat to the integrity of the property.

Authenticity

Viñales Valley is a "living landscape" with a high degree of authenticity in terms of location and setting, forms and designs, materials and substances, uses and functions, traditions and techniques, and spirit and feeling. It has been able to preserve its specific character, while adapting to modern conditions of life and receiving flows of visitors. The property's attributes thus express its Outstanding Universal Value truthfully and credibly.

There are risks that can threaten the integrity and authenticity of the property as a cultural landscape, including factors such as frequent natural disasters affecting the country (hurricanes), reduction of the source of water supply due to climate change and the increasing pressures for urban socioeconomic development needs.

Protection and management requirements

About 92 percent of the property is in the hands of private owners, with 30 percent owned by individual farmers and the rest by the Asociación Nacional de Agricultores Pequeños (National Association of Small Farmers). The Viñales Valley is protected by provisions in the Constitución de la República de Cuba (Constitution of the Republic of Cuba) of 24 February 1976 and by the Declaration of 27 March 1979 designating it as a National Monument, in application of the Ley de Protección al Patrimonio Cultural (Law on the Protection of Cultural Property, Law No. 1 of 4 August 1977), and the Ley de Monumentos Nacionales y Locales (Law on National and Local Monuments, Law No. 2 of 4 August 1977). The karst landscape of the Viñales Valley is also part of Viñales National Park. The high authority responsible for management is the Consejo Nacional de Patrimonio Cultural (National Council of Cultural Heritage). Local supervision is ensured by the Provincial Centre for Cultural Heritage of Pinar del Río, the provincial branch of the Ministry of Science, Technology and the Environment, the provincial branch of the Ministry of Tourism and the provincial branch of the Ministry of Agriculture, all of them as part of the Council of Provincial Administration.

The Management Plan for the property was approved in 1999 by the Consejos de la Administración Provincial y Municipal (Councils of Municipal and Provincial Administration). The National Monuments Commission is the institutional entity responsible for the review and approval of all Management Plans and projects developed for the property. The Management Plan contains 67 projects through nine sub-programs: administration; training; construction; protection; agricultural resource management; research, monitoring and scientific cooperation; public use; interpretation and environmental education; and institutional cooperation and collaboration. There is a scarcity of financial and material resources for implementing part of the plans.

Sustaining the Outstanding Universal Value of the property over time will require controlling the effects of increased tourism by devising and executing appropriate management strategies in this regard; developing and implementing an emergency action plan to eliminate or mitigate the harmful effects of hurricanes and other natural disasters; developing and implementing strategies to address any negative consequences arising from climate change; addressing the increasing pressures associated with urban socioeconomic development needs; and establishing monitoring indicators related to these and other actions that may have an impact on the Outstanding Universal Value, authenticity and integrity of the property.

Etat partie: Bien	Dominican Republic: Ville coloniale de Saint-Domingue
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N° Id.	526
Date d'inscription	1990

Brève synthèse

Premier établissement permanent du "Nouveau Monde" et capitale des Indes occidentales, la Ville Coloniale de Saint-Domingue – la seule du XV^{ème} siècle dans les Amériques –, a été le point de départ du rayonnement culturel européen et de la conquête du continent. De son port sont partis les conquérants Ponce de León, Juan de Esquivel, Hernán Cortés, Vasco Núñez de Balboa, Alonso de Ojeda et tant d'autres.

Située à l'embouchure de l'Ozama, sur la côte sud de l'île d'Hispaniola, la Ville Coloniale de Saint-Domingue est le noyau à partir duquel a été fondé Santo Domingo de Guzmán, la capitale de la République Dominicaine. Son établissement a débuté sur la rive orientale de l'Ozama en 1496 et elle a été fondée par Bartolomé Colón en 1498, par disposition des rois catholiques. En 1502, le gouverneur Nicolas de Ovando transfère ses institutions sur la rive occidentale et décide de donner à la ville un plan quadrillé à partir de la Grand-Place (Plaza Mayor). Ce tracé en damier est devenu par la suite une référence pour presque tous les planificateurs urbains du Nouveau Monde.

Ville des premières fois, Saint-Domingue a été le siège des premières institutions dans les Amériques : la cathédrale Sainte-Marie de l'Incarnation, le monastère Saint-François, l'université Sant-Thomas d'Aquin, l'hôpital Nicholas de Bari, la Casa de Contratación. Elle est aussi la première ville fortifiée (forteresse de Saint-Domingue et sa Torre del Homenaje), et le premier siège du pouvoir espagnol dans le Nouveau Monde.

Sur une superficie de 106 ha, limitée par des murailles, bastions et forts, le site inscrit se compose de 32 rues qui découpent 116 pâtés de maisons, où prédominent les bâtiments d'un ou deux étages construits en pierre, en brique et en pisé. Son tracé d'origine, l'échelle de ses rues et de ses édifices sont presque intacts ; elle est le seul centre urbain vivant qui garde ses caractéristiques propres du XVe siècle. Avec son ensemble de patrimoine monumental et ses édifices gothiques uniques dans cette région du continent, la Ville Coloniale de Saint-Domingue maintient, en essence, la structure, les usages et les fonctions qui ont caractérisé les premières constructions de sa fondation, préservant son intégrité et son authenticité.

Ville de rencontres, c'est ici que se sont croisées pour la première fois les cultures autochtones, européennes et africaines et que s'est forgée la main d'œuvre multiculturelle, dans une synchronisation absolue des connaissances, des langues, des croyances et des expériences. Enfin, c'est dans la Ville Coloniale de Saint-Domingue que le moine dominicain, frère Antonio Montesino, a lancé son appel en faveur des droits naturels des autochtones, marquant ainsi le commencement de la lutte pour les droits fondamentaux de l'être humain.

Critère (ii) : La Ville Coloniale de Saint-Domingue a exercé une grande influence sur le développement des villes des Caraïbes et du Continent américain. Son tracé en damier et sa Plaza Mayor ont servi de modèle aux nouvelles villes des Amériques. Ses bâtiments institutionnels datant du XVI^e siècle - Palais du Vice-roi, Cabildo (Mairie), Real Audiencia (Cour de justice royale), Chancellerie et Cathédrale - ont servi de référence aux développements ultérieurs.

Critère (iv) : La trame urbaine initiale de la Ville Coloniale de Saint-Domingue, le "modèle Ovando", est conservée intacte, autant par la régularité de son tracé en damier, ajusté de ci, de là aux impératifs de la topographie, que par la largeur originale de ses rues. Ses édifices monumentaux, qui datent du début du XVI^e siècle, témoignent du déclin du gothique espagnol et de l'apparition des premières manifestations de la Renaissance, comme le démontre de façon éloquent sa cathédrale.

Critère (vi) : Des événements d'une valeur universelle ont vu le jour à Saint-Domingue : c'est d'ici que sont parties les expéditions et conquêtes vers de nouvelles terres ; que l'évangélisation s'est propagée et qu'ont été proclamées et appliquées les premières Leyes de Indias (Lois des Indes).

Intégrité

La Ville Coloniale de Saint Domingue, ceinte par sa muraille, a conservé presque inaltérés l'extension de son territoire, son tracé en damier et la plupart de ses structures architecturales monumentales. À part de rares mais dramatiques exceptions, elle a gardé son échelle traditionnelle, la largeur des rues, le parcellaire et la hauteur des immeubles. Au cours de son devenir historique, elle a incorporé l'architecture de diverses époques avec leurs formes, styles, matériaux et méthodes de construction qui enrichissent la connaissance ainsi que l'interprétation de son évolution économique, sociale et culturelle comme centre historique vivant.

Elle conserve son tissu social, sa grande valeur symbolique et, en essence, les différents usages qui ont caractérisé les premières constructions de sa fondation. Malgré les pressions engendrées par le développement immobilier, les dommages causés par les ouragans et tremblements de terre, les attributs essentiels sur lesquels repose l'intégrité fonctionnelle et physique de la Ville Coloniale sont préservés.

Authenticité

La Ville Coloniale de Saint Domingue a maintenu intact son pourtour originel, conservant une grande partie de ses murailles et de ses forts. Le tracé urbain en damier, le parcellaire et la largeur originelle des rues sont conservés, dans une grande mesure, et permettent une lecture crédible de la ville. Son expression architecturale à petite échelle met en valeur son homogénéité volumétrique.

Les interventions de restauration réalisées se sont efforcées de laisser des preuves de leur exécution. Dans la mesure du possible, les techniques de consolidation employées ont été faites en utilisant des matériaux compatibles avec les originaux.

Quelques-unes des structures de la ville coloniale ont été affectées par les phénomènes naturels et par l'action des hommes, sans que ces actes aient diminué de manière significative leur valeur intrinsèque et leur authenticité.

Mesures de protection et de gestion

La protection de la Ville Coloniale de Saint Domingue est assurée grâce à un vaste ensemble de lois et de décrets d'application nationale, et grâce à des normes et à des réglementations municipales qui consolident sa vision d'ensemble et la préservation de ses éléments. L'article 64 de la Constitution de la République dominicaine (janvier 2010) stipule que les biens historiques et artistiques du pays font partie du patrimoine culturel de la nation et sont sous la protection de l'État. En vertu de la loi 318 (1968), la tâche de définir les règles nécessaires à la protection et à la conservation de ce patrimoine culturel a été confiée au pouvoir exécutif qui, en vertu du décret 1397 (1967), a créé l'Office du Patrimoine Culturel dont la responsabilité principale est de développer, de coordonner et de mettre en œuvre les initiatives et les plans nationaux par rapport à son patrimoine monumental. Enfin, l'ordonnance 03-2011 régit le zonage, l'utilisation du sol et les interventions dans la ville coloniale; elle décrit également la partie de la zone tampon qui est située dans le District National.

Toutefois, dans une perspective juridique, il faut accorder une importance particulière à la consolidation des mécanismes destinés à coordonner les divers participants ayant des mandats de surveillance et de gestion. Il s'avère également nécessaire de doter les principaux responsables de la Ville Coloniale – le Ministère de la Culture et la Mairie du District National – d'un personnel technique plus compétent et plus nombreux pour qu'il puisse réaliser un travail efficace.

En ce qui concerne la gestion, les institutions responsables ont adopté le Plan de Revitalisation Intégrale de la Ville Coloniale de Saint-Domingue (approuvé par la municipalité par l'ordonnance 08-2011) comme outil de planification urbaine et locale, afin de faire face aux défis que constituent la rénovation de son infrastructure de base et les pressions suscitées par les menaces réelles ou potentielles associées aux risques naturels, sociaux et économiques (ouragans et tremblements de terre, pressions immobilières et tourisme de masse, entre autres). La coordination des actions de gestion dans la zone tampon est indispensable et s'avère particulièrement importante pour la préservation de la valeur universelle du bien inscrit, compte tenu du fait que deux juridictions municipales sont concernées. C'est là un défi que la République Dominicaine s'engage à relever.

Pour ce faire, il est vital de doter la communauté - les utilisateurs et investisseurs potentiels, la population locale et les visiteurs -, de moyens d'orientations générales et spécifiques afin qu'ils puissent exercer comme il se doit leurs droits et leurs devoirs envers le centre historique. Enfin il faut reconnaître le rôle important que joue la coopération internationale, en particulier par le biais de sa collaboration technique et financière, en appui aux travaux de conservation et de revitalisation durables.

State Party: Property	Panama: Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo
Id. N°	135
Date of inscription	1980

Brief synthesis

The Fortifications on the Caribbean side of Panamá: Portobelo and San Lorenzo are located along the coast of the Province of Colón. There are diverse fortification sites around the Bay of Portobelo, denominated San Fernando fortifications: Lower Battery, Upper Battery and Hilltop Stronghold; San Jerónimo Battery Fort; Santiago fortifications: Castle of Santiago de la Gloria, Battery and Hilltop Stronghold; the old Santiago Fortress; ruins of Fort Farnese; the La Trincheras site; the Buenaventura Battery; and the San Cristóbal site. Forty-three kilometers away, at the mouth the Chagres River stands the San Lorenzo Castle (originally "San Lorenzo el Real del Chagres") with its Upper Battery as a separate structure.

The component parts of the property represent characteristic examples of military architecture developed by the Spanish Empire in its New World territories largely between the 17th and the 18th centuries. The first plans for fortifying the entrance to the Bay of Portobelo and the mouth of the Chagres River were prepared in 1586 by Bautista Antonelli. Following his recommendations, the first fortifications in Portobelo were begun in the 1590's. As

a whole, these structures comprised a defensive line to protect Portobelo's harbour and the mouth of the Chagres River, which were the Caribbean terminals of the transcontinental route across the Isthmus of Panama. The defensive system includes fortifications in different styles, some of them skilfully integrated into the natural landscape as part of its military defensive design. They were also adapted to the changing needs of defensive technologies in the course of three centuries in order to protect the capital resources sent from colonial America to Spain after crossing the Isthmus of Panama. In the earliest constructions, a military style with mediaeval features prevailed, while in the eighteenth century the structures were rebuilt in the neo-classical style, which can be observed at the forts of Santiago, San Jeronimo and San Fernando, and also at San Lorenzo.

On the regional scale, these military compounds belonged to a larger defensive system, including Veracruz (Mexico), Cartagena (Colombia), and Havana (Cuba), to protect the route of commercial trade between the Americas and Spain. Portobelo, where the famous fairs were held, was one of the principal Caribbean ports and played a leading role controlling the imperial trade in the Americas.

The site is a key element to the understanding of the adaptation of European building models and their impact on the New World transformation during the modern era. This property demonstrates the strategic organization of the territory and represents an important concept of defence and technology development mainly between the 17th and 18th centuries.

The town of San Felipe de Portobelo was founded in March 20th, 1597, as a Caribbean Terminal of the trail through the Isthmus of Panama, to replace Nombre de Dios as a port of transit and trans-shipment. The need to ease the overland path along the Isthmus during the rainy season called for an alternative route. The Chagres River-Cruces path, a mixed fluvial and land trail, was the counterpart of Camino Real from Panama City to Portobelo, built as a response to this need.

Criterion (i): The Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo are a masterpiece of human creative genius. Portobelo is a remarkable example of an open fortified town, destroyed and built several times. San Lorenzo underwent the same process of renovations along the colonial era.

Criterion (iv): The Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo, a group of late 16th, 17th and 18th century fortifications, are among the most characteristic adaptations of Spanish military architecture to tropical climate and landscape features, and represent the structural and technological development of military structures in the Caribbean.

Integrity

The key elements that convey the Outstanding Universal Value of the property are located within the original boundaries. These features still illustrate the evolution of military architecture developed by the Spanish colonial empire to protect the commerce route which connected South America with Spain across the Isthmus of Panama. The major components of the fortified system are still visible at Portobelo, where most colonial fortresses continue to be a resemblance of the original; the same applies to the bay, where the forts are emplaced. Likewise, at San Lorenzo the fort and the Chagres river mouth have been maintained.

However, the integrity of the property has been compromised to different degrees by environmental factors, by uncontrolled urban sprawl and development and by the lack of maintenance and management. A number of measures, including conservation works, enforcement of regulations and the operation of a site management unit, will need to be implemented in a sustained manner to prevent the further erosion of the conditions of integrity, particularly at the component parts located in Portobelo.

Authenticity

In terms of form, design, material and setting the components of the property have remained mostly unchanged through time, expressing the essence of the fortified system and the evolution of European models of military architecture from the late 16th to the 18th century in the Americas. The military structures have largely retained the overall original form, although most architectural finishes, decorative elements and some wall sections have been lost as a result of decay. The vulnerability to decay factors will need to be addressed through sustained conservation actions, carried out in accordance with scientific conservation principles and standards.

Protection and management requirements

The Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo are protected by general Panamanian legislation on heritage (Law 14/1982, updated by Law 58/2003) and by specific legal instruments for each site. Underwater historic vestiges are protected nationwide by Law 32/2003.

Existing legislation underscores the protection of Portobelo (Law 91/1976 and Executive Decree 43/1999). Municipal Ordinance 32/2005 addresses long-standing land ownership issues in Portobelo's historic core and surrounding National Park. On December 27, 2011, the National Heritage Directorate established new guidelines for architectural projects in monuments and historic sites in the entire country, which also apply to the Fortifications on the Caribbean side of Panama (Resolution 172-11/DNPH). In the case of San Lorenzo, protection is granted by Law 61/1908, Law 68/1941, and the general heritage legislation mentioned above. However, due to its recent incorporation to the Panamanian administration after 83 years under United States government management, protection policies need to be strengthened.

The Protection and Development Plan for the Interoceanic Region approved by Law 21/1997 also includes conservation norms for San Lorenzo. In April, 2005, the National Environment Authority (ANAM) published a Management Plan for Chagres National Park which includes conservation measures for San Lorenzo.

Both fortified compounds are under the administration of the National Institute of Culture (Instituto Nacional de Cultura - INAC) through the National Heritage Directorate and since 2007 also by the Patronato Portobelo San Lorenzo, a mixed public-private organization currently responsible for management, conservation, and community outreach and fundraising. Its primary goals are protecting the architectural remains and making this heritage accessible to national and international communities.

Among the requirements identified for the proper protection of the property is the creation of a Master Plan to guide all short- and long-term actions and strategies at both sites. Protection mechanisms at San Lorenzo need to be updated in the form of a specific site law (including detailed protective measurements and the enlargement of boundaries and a buffer zone creation); the San Lorenzo component has recently been segregated from Chagres National Park and is in the process of being transferred to INAC's custody. At Portobelo, designation and effective protection and management of buffer zones for each fortified structure, is mandatory to guarantee its protection from the pressures of urban growth.

State Party: Property	Suriname: Historic Inner City of Paramaribo
Id. N°	940rev
Date of inscription	2002

Brief synthesis

Paramaribo is a former Dutch colonial town dating from the 17th and 18th centuries planted on the Northeastern coast of tropical South America. Composed of mainly wooden buildings, the plain and symmetrical architectural style illustrating the gradual fusion of Dutch and other European architectural and later North American influences as well as elements from Creole culture, reflects the multi-cultural society of Suriname. The historic inner city is located along the left bank of the Suriname River and is defined by the Sommelsdijkse Kreek to the north and the Viottekreek to the south. Laid out from 1683 on a grid pattern along an axis running north-west from Fort Zeelandia, the main streets follow shell ridges which provided a naturally drained base for building. At the end of the 18th century, Dutch engineering and town planning skills enabled the town to be extended over marshy land to the north. Important elements in the townscape are Fort Zeelandia built in 1667 and the large public park (Garden of Palms) behind it, wide, tree-lined streets and open spaces; the Presidential Palace (1730) built in stone but with a wooden upper floor, the Ministry of Finance (1841) a monumental brick structure with classical portico and clock tower, the Reformed Church (1837) in Neoclassical style, and the Gothic Revival Roman Catholic Cathedral (1885) built in wood.

Criterion (ii): Paramaribo is an exceptional example of the gradual fusion of European architecture and construction techniques with indigenous South American materials and crafts to create a new architectural idiom.

Criterion (iv): Paramaribo is a unique example of the contact between the European culture of the Netherlands and the indigenous cultures and environment of South America in the years of intensive colonization of this region in the 16th and 17th centuries.

Integrity

At the time of inscription it was recorded that most of the urban fabric of Paramaribo dating from 1680-1800 still survives virtually intact, mainly due to low economic growth in the past three decades. The original urban pattern is still authentic in relation to the historical built environment, because no major infrastructural changes have taken place, no building lines have been altered and no high-rising buildings have been built in the city centre. The timber buildings are vulnerable to fire, and the inner city is vulnerable to lack of enforcement of protective controls as well as neglect due to the socio-economic situation. Since then the integrity of the property has been compromised by insertion of a new flag square, altering the urban pattern around Independence Square and introducing a hard paved surface in place of green landscaping. The property's integrity is vulnerable to Waterfront development, which while having the potential to contribute positively to the town's economy, also has the potential to impact severely on the Outstanding Universal Value of the property if not appropriately designed and located.

Authenticity

There are 291 listed monuments in Paramaribo and in the past three decades only a few have disappeared in favor of new developments. Many of the monuments exhibit high authenticity because of the use of traditional techniques and materials in repair and rehabilitation works, although some timber buildings have been replaced in concrete.

Protection and management requirements

Protection of the about 250 listed monuments of Paramaribo was initially guaranteed under the 1963 Monuments Act. In 2002 this Act was replaced by a new Monuments Bill (S.B. 5 September 2002 No. 72) which provides for the designation of protected historic quarters with controls over interventions and provision for subsidies to owners for conservation works. In 2007 and 2010 two new monuments were added to the monuments list of Paramaribo and in 2011 the list was further enlarged with another 25 official monuments.

For the protection of the site a State Resolution regarding the implementation of article 4 section 2 of the Building Code of 1956 was approved by the President of the Republic of Suriname (S.B. 31 October 2011 No. 74). This resolution established an Expert Building Committee (Special Advisory Committee) and designated the historic inner city and adjacent buffer zones. The Expert Building Committee reviews new building plans within the World Heritage Site according to aesthetic criteria for modern architecture. These special building criteria were published in the Gazette (Advertentieblad van de Republiek Suriname, A.R.S. 29 April 2003 no. 34).

The Paramaribo World Heritage Site Management Plan (PWHSMP) 2011-2015 was officially endorsed by the Council of Ministers on 28 January 2014. However the Management Authority (Surinam Built Heritage Foundation or Stichting Gebouwd Erfgoed Suriname -SGES) formed to implement it has not been properly empowered with adequate staffing, the definition of precise actions, timelines and budgets. The authority of SGES as the Site Manager needs to be reinforced through adequate regulatory and legislative measures and communicated to all governmental levels as well as to all stakeholders and the community.

On October 25th 2011 the 'Stichting Stadsherstel Paramaribo' was created as a predecessor for the "Suriname Conservation Ltd. (Stadsherstel Suriname N.V. established on 25 May 2013. This foundation purchases dilapidated historical buildings/monuments, restores and re-uses them in order to preserve the historic cityscape. The first property, located at the Julianastraat 56' was acquired in January 2012 and has been restored and let. Others have since been purchased.