

Venetian Works of Defence between the 16th and 17th Centuries: *Stato da Terra* – Western *Stato da Mar*

1. World Heritage Property Data

1.1 - Name of World Heritage property

Venetian Works of Defence between the 16th and 17th Centuries: *Stato da Terra* – Western *Stato da Mar*

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Fortified city of Bergamo	45.703 / 9.664	119.61	446.07	565.68	2017
Fortified city of Peschiera del Garda	45.439 / 10.694	36.67	143.85	180.52	2017
City Fortress of Palmanova	45.906 / 13.31	193.73	296.27	490	2017
Defensive System of Zadar	44.112 / 15.23	11.19	240.45	251.64	2017
Fort of St. Nikola, Šibenik-Knin County	43.721 / 15.855	0.85	523.79	524.64	2017
Fortified city of Kotor	42.424 / 18.772	16.32	99.19	115.51	2017
Total (ha)		378.37	1749.62	2127.99	

1.4 - Map(s)

Title	Date	Link to source
Venetian Works of Defence between the 16th and 17th Centuries: <i>Stato da Terra</i> – Western <i>Stato da Mar</i> - Maps of the inscribed property	2017	

1.5 - Web and Social Media data of the property (if applicable)

- [The Venetian Works of Defence between 16th and 17th centuries: *Stato da Terra* - Western *Stato da Mar*](#)

2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	International Register of Cultural Property under Special Protection (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.2	List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.3	The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention))		×
2.1.4	World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme		×
2.1.5	Global Geoparks Network UNESCO Global Geoparks		×

2.2 - Please provide comments on 2.1 if necessary

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

Not applicable

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands

of International Importance (The Ramsar List), if relevant, in the next three years?

Not applicable

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?

Not applicable

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?

Not applicable

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.2	Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.3	Convention on Wetlands of International Importance (Ramsar Convention)	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.4	Man and the Biosphere (MAB) Programme	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.5	UNESCO Global Geoparks	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)

2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

No

2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware

2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

No

2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.

3. Statement of Outstanding Universal Value

3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

Statement of Outstanding Universal Value

Brief Synthesis

The Venetian Works of Defence between the 16th and 17th centuries: *Stato da Terra* – western *Stato da Mar* consists of six components located in Italy, Croatia and Montenegro and spanning more than 1000 km between the Lombard region of Italy and the eastern Adriatic Coast. Together, they represent the defensive works of the *Serenissima* between the 16th and 17th centuries, the most significant period of the longer history of the Venetian Republic; and demonstrate the designs, adaptations and operations of *alla moderna* defences, which were to feature throughout Europe.

The introduction of gunpowder led to significant shifts in military techniques and architecture that are reflected in the design of fortifications – termed *alla moderna*. The organisation and defences of the *Stato da Terra* (protecting the Republic from other European powers to the northwest) and the *Stato da Mar* (protecting the sea routes and ports in the Adriatic Sea to the Levant) were needed to sustain the expansion and power of the Republic of Venice.

The expansive territory of the *Serenissima* was indisputably the near-exclusive setting of the genesis of the *alla moderna* or bastioned system during the Renaissance; and the extensive and innovative defensive networks established by the Republic of Venice are of exceptional historical, architectural and technological significance. The attributes of the Outstanding Universal Value include earthworks and structures of fortification and defence from the Venetian Republic in the 16th and 17th centuries. Strongly contributory to these are the landscape settings, and which strengthen the visual qualities of the six components, as well as urban and defensive structures from both earlier (Medieval) and more recent periods of history (such as the Napoleonic and Ottoman period modifications and additions) that allow the serial components to be truthfully presented and the tactical coherence of each military site in its final state to be recognised.

Criterion (iii): The Venetian Works of Defence provide an exceptional testimony of the *alla moderna* military culture, which evolved within the Republic of Venice in the 16th and 17th centuries, involving vast territories and interactions. Together the components demonstrate a defensive network or system for the *Stato da Terra* and the western *Stato da Mar* centred in the Adriatic Sea or Golfo di Venezia, which had civil, military, urban dimensions that extended further, traversing the Mediterranean region to the Levant.

Criterion (iv): The Venetian Works of Defence present the characteristics of the *alla moderna* fortified system (bastioned system) built by the Republic of Venice following changes that were introduced following the increased use of firearms. Together the six components demonstrate in an exceptional way the characteristics of the *alla moderna* system including its technical and logistic abilities, modern fighting strategies and new architectural requirements within the *Stato da Terra* and the western portions of the *Stato da Mar*.

Integrity

Together, the six components of Venetian Works of Defence within *Stato da Terra* and the western portions of the *Stato da Mar* exhibit the needed attributes of Outstanding Universal Value of this transnational heritage, including their typological variety, visual integrity and state of conservation. This serial property leaves open the potential for a future nomination of examples that can represent in an exceptional and complementary way, the applications of the *alla moderna* technologies through the extent of the Venetian Republic in this period of history in the eastern or Levante *Stato da Mar*. The state of conservation of the individual components is generally good, although their integrity is variable, and in some cases vulnerable, due to past and present development and tourism pressures. Although some further expansions could be made to the buffer zones (particularly for the components in Zadar and Kotor), the boundaries of the six components are appropriate.

Authenticity

The Venetian Works of Defence within *Stato da Terra* and the western portions of the *Stato da Mar* and the phenomenon of *alla moderna* military architecture have been extensively studied, supported by extensive archival materials, documents, architectural drawings, maps and models. Because of their purposes and locations, many changes have occurred to the selected components, including damage through different periods of conflict from the Napoleonic, Austrian and Ottoman periods and the 20th century.

Protection and management requirements

Legal protection of the components of the Venetian Works of Defence within the *Stato da Terra* and the western portions of the *Stato da Mar* has been established at national and regional/local levels in each of the three States Parties. The frameworks for legal protection include cultural heritage and environmental protection laws. In Italy, the three components are protected by the 'Cultural and Landscape Heritage Code' (2004) which establishes the national regulation framework for conservation works, including the protection of significant landscape elements; and each is further protected by regional and municipal Territorial Plans and local protection measures that regulate urban transformations. In Croatia, the two components are protected by the 'Act on the Protection and Preservation of Cultural Property', and inscription in the Register of Cultural properties; as well as local protection measures that regulate urban transformations. In Montenegro, the selected component is protected by the 'Law on the Protection of Cultural Property' and subordinate ordinances; and the 'Law on Spatial Planning and Construction' and local protection measures that regulate urban transformations.

Management of the transnational serial property is organised at transnational, national and local levels of responsibility and activity. A transnational Memorandum of Understanding (December 2015) provides coordination between the three States Parties and establishes the International Coordination Team responsible for coordination, implementation and regular updating of the Transnational Management Plan. Shared heritage management objectives, a framework for heritage impact assessment, and a summary of current projects are provided by the Transnational Management Plan. Risk Preparedness is established by the States Parties for the risks of relevant natural disasters, including earthquakes, forest fires and sea level rise. Due to the complex pressures and high levels of tourism at some of the components of this serial property, site-level Conservation and Management Plans are needed, including visitor management plans and tourism carrying capacity studies.

The International Coordination Team is supported by National Coordination Groups in each country, made up of relevant national and local authorities. The financial resources and the sources of expertise and training for the conservation of the components of this serial property have been outlined. An overarching system of monitoring has been established, but could be expanded by the work of the International Coordinating Team, particularly in relation to visitor pressures.

3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Bulwark	✗			
3.2.2	Platform	✗			

3.2.3	Gate	×			
3.2.4	Curtain and "tenaglia"	×			
3.2.5	Embrasure	×			
3.2.6	Venetian gallery	×			
3.2.7	Napoleonic fortifications (French lunettes)	×			
3.2.8	Works on water (lake and river)	×			
3.2.9	Wells water cistern	×			
3.2.10	Isolated sea fort	×			
3.2.11	Use of specific materials in construction - use of different materials important in fortification function - stone for stability and bricks to more effectively counteract cannon balls	×			
3.2.12	Architectural elements network	×			
3.2.13	Size and completeness	×			
3.2.14	Visual integrity	×			
3.2.15	Shared typological variety	×			

3.3 - Comments, conclusions and/or recommendations related to Statement of Outstanding Universal Value

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive ✕	×	×	×				📈
🔴 Negative ✕	×	×		×		➡	

4.1.2 - Commercial development

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive ✕		×	×				📈
🔴 Negative							

4.1.3 - Industrial areas







Relevant			✕ Not relevant				
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4.1.4 - Major visitor accommodation and associated infrastructure

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive ✕	×	×	×	×			📈
🔴 Negative ✕	×		×	×			📈

4.1.5 - Interpretative and visitation facilities


✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive ✕	×	×	×				📈

 Negative 							
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4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

4.2. Transportation Infrastructure


4.2.1 - Ground transport infrastructure

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative 							

4.2.2 - Underground transport infrastructure

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

4.2.3 - Air transport infrastructure

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

4.2.4 - Marine transport infrastructure

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative 							


4.2.5 - Effects arising from use of transportation infrastructure

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative 							

4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively











4.3. Services Infrastructures

4.3.1 - Water infrastructure

Relevant	 Not relevant
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4.3.2 - Renewable energy facilities

 Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative							

4.3.3 - Non-renewable energy facilities










Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Relevant	✕ Not relevant
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4.3.5 - Major linear utilities

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative							

4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

4.4. Pollution

4.4.1 - Pollution of marine waters

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕			✕			

4.4.2 - Ground water pollution












Relevant	✕ Not relevant
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4.4.3 - Surface water pollution

Relevant	✕ Not relevant
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4.4.4 - Air pollution

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕			✕			
 Negative ✕	✕		✕	✕			














4.4.5 - Solid waste

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative ✕	✕		✕				

4.4.6 - Input of excess energy

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Relevant	 Not relevant
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4.5.2 - Aquaculture














Relevant	 Not relevant
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4.5.3 - Land conversion

Relevant	 Not relevant
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4.5.4 - Livestock farming/Grazing of domesticated animals

 Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

4.5.5 - Crop production

Relevant	 Not relevant
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4.5.6 - Commercial wild plant collection

Relevant	 Not relevant
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4.5.7 - Subsistence wild plant collection

Relevant	 Not relevant
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4.5.8 - Commercial hunting

Relevant	 Not relevant
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4.5.9 - Subsistence hunting

Relevant	 Not relevant
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4.5.10 - Forestry/Wood production

Relevant	 Not relevant
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4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

4.6. Physical resource extraction

4.6.1 - Mining

Relevant	 Not relevant
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4.6.2 - Quarrying

Relevant	 Not relevant
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4.6.3 - Oil and gas

Relevant	 Not relevant
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4.6.4 - Water (extraction)

Relevant	✕ Not relevant
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4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕			✕		→	

4.7.2 - Relative humidity

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕		✕	✕			↗

4.7.3 - Temperature

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕	✕	✕			↗

4.7.4 - Radiation/Light

Relevant	✕ Not relevant
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4.7.5 - Dust

Relevant	✕ Not relevant
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4.7.6 - Water (rain/water table)

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕			✕			↗

4.7.7 - Pests

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕			✕		→	

4.7.8 - Micro-organisms

Relevant	✕ Not relevant
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4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

<input checked="" type="checkbox"/> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Negative							

4.8.2 - Society's valuing of heritage

<input checked="" type="checkbox"/> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Negative							

4.8.3 - Indigenous hunting, gathering and collecting

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.8.4 - Changes in traditional ways of life and knowledge system

<input checked="" type="checkbox"/> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

4.8.5 - Identity, social cohesion, changes in local population and community

<input checked="" type="checkbox"/> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

4.8.6 - Impacts of tourism/Visitation/Recreation

<input checked="" type="checkbox"/> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			






4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

4.9. Other human activities




4.9.1 - Illegal activities

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.2 - Deliberate destruction of heritage

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕		✕			

4.9.3 - Military training

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative							

4.9.4 - War

Relevant				✕ Not relevant			
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4.9.5 - Terrorism

Relevant				✕ Not relevant			
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

4.9.6 - Civil unrest

Relevant				✕ Not relevant			
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4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

4.10. Climate change and severe weather events

4.10.1 - Storms

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕		✕			

4.10.2 - Flooding

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕		✕			

4.10.3 - Drought

Relevant				✕ Not relevant			
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4.10.4 - Desertification

Relevant				✕ Not relevant			
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4.10.5 - Changes to oceanic waters

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							

Negative ✕		✕		✕			
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4.10.6 - Temperature change

✕ Relevant	Not relevant						
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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕	✕	✕		✕			

4.10.7 - Other climate change impacts

✕ Relevant	Not relevant						
------------	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕	✕	✕		✕			

4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Relevant	✕ Not relevant
----------	----------------

4.11.2 - Earthquake

✕ Relevant	Not relevant						
------------	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕	✕	✕	✕	✕			

4.11.3 - Tsunami/Tidal wave

Relevant	✕ Not relevant
----------	----------------

4.11.4 - Avalanche/Landslide

Relevant	✕ Not relevant
----------	----------------

4.11.5 - Erosion and siltation/Deposition

✕ Relevant	Not relevant						
------------	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕	✕			✕			

4.11.6 - Fire (wildfire)

✕ Relevant	Not relevant						
------------	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive ✕		✕		✕			
Negative							

4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively












4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.12.2 - Invasive/Alien terrestrial species

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
 Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				

4.12.3 - Invasive/Alien freshwater species

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.12.4 - Invasive/Alien marine species

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.12.5 - Hyper-abundant species

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.12.6 - Modified genetic material








Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

4.13. Management and institutional factors











4.13.1 - Management system/Management plan

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
 Negative							











4.13.2 - Legal framework

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
 Negative							

4.13.3 - Governance

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
 Negative							

4.13.4 - Management activities

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕				
 Negative							

4.13.5 - Financial resources

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕				
 Negative							

4.13.6 - Human resources

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.13.7 - Low impact research/monitoring activities

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.13.8 - High impact research/monitoring activities

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative							




4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact			Origin		Trend
4.1 Buildings and Development						
4.1.1 Housing						
						
4.1.2 Commercial development						
4.1.4 Major visitor accommodation and associated infrastructure						

4.1.5 Interpretative and visitation facilities						
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
4.2.2 Underground transport infrastructure						
4.2.3 Air transport infrastructure						
4.2.4 Marine transport infrastructure						
4.2.5 Effects arising from use of transportation infrastructure						
4.3 Services Infrastructures						
4.3.2 Renewable energy facilities						
4.3.5 Major linear utilities						
4.4 Pollution						
4.4.1 Pollution of marine waters						
4.4.4 Air pollution						
4.4.5 Solid waste						
4.4.6 Input of excess energy						
4.5 Biological resource use/modification						
4.5.4 Livestock farming/Grazing of domesticated animals						
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
4.7.2 Relative humidity						
4.7.3 Temperature						
4.7.6 Water (rain/water table)						
4.7.7 Pests						
4.8 Social/Cultural uses of heritage						

4.8.1 Ritual/Spiritual/Religious and associative uses						
4.8.2 Society's valuing of heritage						
4.8.4 Changes in traditional ways of life and knowledge system						
4.8.5 Identity, social cohesion, changes in local population and community						
4.8.6 Impacts of tourism/Visitation/Recreation						
4.9 Other human activities						
4.9.2 Deliberate destruction of heritage						
4.9.3 Military training						
4.10 Climate change and severe weather events						
4.10.1 Storms						
4.10.2 Flooding						
4.10.5 Changes to oceanic waters						
4.10.6 Temperature change						
4.10.7 Other climate change impacts						
4.11 Sudden ecological or geological events						
4.11.2 Earthquake						
4.11.5 Erosion and siltation/Deposition						
4.11.6 Fire (wildfire)						
4.12 Invasive/alien species or hyper-abundant species						
4.12.2 Invasive/Alien terrestrial species						
4.13 Management and institutional factors						
4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.3 Governance						

4.13.4 Management activities						
4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
4.13.8 High impact research/monitoring activities						
Legend	Current	Potential	Negative	Positive	Inside	Outside







4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors










4.1 Buildings and Development

Name	Impact			Origin		Trend
4.1.1 Housing						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
	Increasing

Name	Impact	Origin	Trend
4.1.2 Commercial development	  	 	

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input checked="" type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input checked="" type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.1.4 Major visitor accommodation and associated infrastructure	  	 	
	 	 	








Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input checked="" type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing





Name	Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.2 Transportation Infrastructure




Name	Impact			Origin		Trend
4.2.1 Ground transport infrastructure						
						

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact			Origin		Trend
4.2.2 Underground transport infrastructure						









Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic

	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin	Trend
4.2.3 Air transport infrastructure					

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing

×	Static
	Increasing

Name	Impact	Origin	Trend
4.2.4 Marine transport infrastructure	 		
	 		

Spatial scale - Area affected by the factor

	Restricted
×	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
×	Frequent
	On-going

Impact - Impact on the attributes












×	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years

	Decreasing
×	Static
	Increasing

Name	Impact	Origin	Trend
4.2.5 Effects arising from use of transportation infrastructure	  	 	
	  	 	

Spatial scale - Area affected by the factor

	Restricted
	Localised
×	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic




	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.3 Services Infrastructures

Name	Impact			Origin		Trend
4.3.2 Renewable energy facilities						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	

	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.3.5 Major linear utilities	 		

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread





Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.4 Pollution

Name	Impact	Origin	Trend
4.4.1 Pollution of marine waters			
	 		

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread






Temporal scale - Occurrence of the impact	
---	--

✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.4.4 Air pollution	<div>+</div> <div>⚠</div> <div></div>	<div></div> <div>↻</div>	<div>→</div>
	<div>-</div> <div>⚠</div> <div></div>	<div>⊙</div> <div>↻</div>	<div>↗</div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.4.5 Solid waste						
						





Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.4.6 Input of excess energy						
						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
---	--

	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing





4.5 Biological resource use/modification

Name	Impact			Origin		Trend
4.5.4 Livestock farming/Grazing of domesticated animals	+	!		+		→





Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity

	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.7 Local conditions affecting physical fabric






Name	Impact	Origin	Trend
4.7.1 Wind			
	 		 

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.7.2 Relative humidity						
						





Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive

	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.7.3 Temperature			
			
			

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity

	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.7.6 Water (rain/water table)			
	 		 

Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes



	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years

	Decreasing
✕	Static
	Increasing





Name	Impact	Origin	Trend
4.7.7 Pests			
	 		 

Spatial scale - Area affected by the factor

✕	Restricted
	Localised
	Extensive







	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.8 Social/Cultural uses of heritage

Name	Impact			Origin		Trend
4.8.1 Ritual/Spiritual/Religious and associative uses						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity

✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.8.2 Society's valuing of heritage	  	 	






Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.8.4 Changes in traditional ways of life and knowledge system	 	 	








Spatial scale - Area affected by the factor	
	Restricted
✕	Localised

	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin	Trend
4.8.5 Identity, social cohesion, changes in local population and community					

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity

✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation	  	 	
	  	 	

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread




Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources




Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.9 Other human activities

Name	Impact	Origin	Trend
4.9.2 Deliberate destruction of heritage			
	  		

Spatial scale - Area affected by the factor	
	Restricted







	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
✕	Decreasing
	Static
	Increasing

Name	Impact			Origin		Trend
4.9.3 Military training						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.1 Storms			
	  	 	 





Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.10.2 Flooding			
	  	 	 






Spatial scale - Area affected by the factor	
--	--

✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.10.5 Changes to oceanic waters						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing







Name	Impact	Origin	Trend
4.10.6 Temperature change			
	  	 	

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major







Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.10.7 Other climate change impacts			
	  	 	

Spatial scale - Area affected by the factor	
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	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.11 Sudden ecological or geological events

Name	Impact			Origin		Trend
4.11.2 Earthquake						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant

	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.11.5 Erosion and siltation/Deposition			
	 		




Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major






Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.11.6 Fire (wildfire)	 		

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input checked="" type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing





4.12 Invasive/alien species or hyper-abundant species

Name	Impact	Origin	Trend
4.12.2 Invasive/Alien terrestrial species	 		
	 		

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input checked="" type="checkbox"/>	Minor

	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.13 Management and institutional factors

Name	Impact			Origin	Trend
4.13.1 Management system/Management plan					

Spatial scale - Area affected by the factor					
	Restricted				
	Localised				
	Extensive				
✕	Widespread				
Temporal scale - Occurrence of the impact					
	One off or rare				
	Intermittent or sporadic				
	Frequent				
✕	On-going				
Impact - Impact on the attributes					
	Insignificant				
	Minor				
✕	Significant				
	Major				
Management response - Capacity of management to respond					
	High capacity				
✕	Medium capacity				
	Low capacity				
	No capacity and / or resources				
Trend - Development over the last 6 years					
	Decreasing				
	Static				
✕	Increasing				

Name	Impact	Origin	Trend
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4.13.2 Legal framework						

Spatial scale - Area affected by the factor

	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes

	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.3 Governance						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes

	Insignificant
--	---------------

	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.4 Management activities						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread







Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing







Name	Impact			Origin		Trend
4.13.5 Financial resources						

Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
	Extensive						
X	Widespread						
Temporal scale - Occurence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
X	On-going						
Impact - Impact on the attributes							
	Insignificant						
	Minor						
X	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
X	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
X	Increasing						

Name	Impact	Origin	Trend
4.13.6 Human resources	  	 	

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
X	Widespread
Temporal scale - Occurence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
X	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor

✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.7 Low impact research/monitoring activities	  	 	





Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.8 High impact research/monitoring activities	 		

Spatial scale - Area affected by the factor							
	Restricted						
X	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
X	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
X	Insignificant						
	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
X	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
X	Static						
	Increasing						

4.17. Serial inscriptions (national or transnational)

4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

A:Bergamo/B:Peschiera/C:Palmanova/D:Zadar/E:Sibenik/F:Kotor 4.1.1BD 4.1.2B 4.1.4BCD 4.1.5ABCDE 4.2.1DE 4.2.2A 4.2.3C 4.2.4DE 4.2.5ACDEF 4.3.2D 4.3.5D 4.4.1E 4.4.4ABDF 4.4.5AF 4.4.6D 4.5.4A 4.7.1DE 4.7.2DE 4.7.3CDE 4.7.6ACDE 4.7.7A 4.8.1ACDEF 4.8.2ABCDE 4.8.4F 4.8.5ADEF 4.8.6ABCDEF 4.9.2ACE 4.9.3B 4.10.1ADE 4.10.2DE 4.10.5DE 4.10.6CDE 4.10.7DE 4.11.2CDF 4.11.5D 4.11.6DE 4.12.2AF 4.13.1ABCDE 4.13.2ABDE 4.13.3ABCDE 4.13.4ABCDE 4.13.5ABCDEF 4.13.6ABCDE 4.13.7ADE 4.13.8A

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1	Bulwark	X			
4.18.1.2	Platform	X			
4.18.1.3	Gate	X			
4.18.1.4	Curtain and tenaglia	X			
4.18.1.5	Embrasure	X			

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

5.1.1 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries are **adequate to maintain** the property's Outstanding Universal Value

5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known** by the management authority **but are not known** by local communities/landowners

5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The buffer zones are **adequate** to maintain the property's Outstanding Universal Value

5.1.4 - Are the boundaries of the buffer zones known and recognised?

The buffer zones of the World Heritage property **are not known and recognised** by the management authority or local communities/landowners

5.1.5 - Comments, conclusions and/or recommendations related to boundaries and buffer zones of the World Heritage property

5.2. Protective Measures

5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).

5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

2004 / D. Lgs. 42/04 - Codice dei beni culturali e del paesaggio / National Law: Italy /

2016 / LR 25/16 - Politiche regionali in materia culturale / Regional Law: Regione Lombardia /

2019 / LR 11/2019 - Misure di sostegno a favore del patrimonio regionale inserito nella lista del patrimonio mondiale posto sotto la tutela dell'UNESCO / Regional Law: Regione Friuli-Venezia Giulia /

2013, 2017, 2018, 2019 / Law on Spatial Planning / National Law: Republic of Croatia /

2004; 2008; 2011; 2016; 2019 / Spatial Plan of the City of Zadar / Local regulations: City of Zadar /

2003, 2004, 2006, 2009, 2011, 2016, 2019 / Law on Maritime Property and Seaports / National Law: Ministry of Sea, Transport and Infrastructure of the Republic of Croatia /

2013 / Concession contract for the special use of maritime property in St Anthony's Channel / Concession contract: Šibenik-Knin County and Public Institution Nature /

2010; 2011; 2013; 2017; 2018; 2019 / Law on the Protection of Cultural Property (Cultural Property Act) - Official Gazette of Montenegro; Law on the Protection of the Natural and Cultural-Historical Region of Kotor - Official Gazette of Montenegro / Law on the Protection of Cultural Property (Cultural Property Act) - Official Gazette of Montenegro, no. 49/2010, 40/2011, 44/2017 and 18/2019.; Law on the Protection of the Natural and Cultural-Historical Region of Kotor - Official Gazette of Montenegro, no. 56/2013, 13/2018 and 67/2019 /

2017; 2018; 2019; 2020; 2022; 2023 / Law on Spatial Planning and Building Construction - Official Gazette of Montenegro; Spatial Plan of the Municipality of Kotor / Law on Spatial Planning and Building Construction - Official Gazette of Montenegro, no. 64/2017, 44/2018, 63/2018, 11/2019 - correction, 82/2020, 86/2022 and 4/2023; Spatial Plan of the Municipality of Kotor – 2020. /

5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

5.2.4 - Is the legal framework (i.e. legislation and/or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

An **adequate legal framework** in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists **but there are some deficiencies in implementation**

5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for the broader setting of the World Heritage property provides an **adequate basis** for effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and/or Integrity

5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **acceptable capacity/resources** to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain

5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

D. Lgs. 42/04 The code identifies the need to preserve the Italian cultural heritage. Art. 7bis; 87bis; 153 RL 25/2016 Regional Law disciplining the material and immaterial, on institutes and places of culture Art. 2; 18; 20; 42 LR 11/2019 enhancement and use of UNESCO regional cultural sites Art. 4 Act on the Protection and Preservation of Cultural Property; Spatial Plan of the City of Zadar art. 314; 316; 317

5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Public management system joint national/ local

If 'Other', please specify

5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

Other forms of statutory or non-statutory plans (e.g. strategic plans)
Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management
An integrated management plan combining World Heritage and any other designations
A management plan
An annual work plan or business plan
A disaster, climate or conflict risk management plan
A visitor/visitation management plan
An environmental management framework
An assessment of biological and cultural diversity and ecosystem services provided by the property
A joint approach to management of cultural and natural heritage
Other (please specify below)
Defensive System of Zadar: Tourism development strategy of the City of Zadar for the period 2016-2026

5.3.3 - Please give a brief description of the management system currently in place at your property

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Management Plan	N/A	Available	2017	

5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

Some use has been made of the 2011 Recommendation on the Historic Urban Landscape

5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

Defensive System of Zadar: The official document Local Management plan „Defensive system of Zadar“ is in line with the goals of urban heritage conservation and those of social and economic development. Main objective of this document is to reach a balance a balance between preservation and protection of urban heritage, economic development, functionality and liveability of a city. In 2019, City council adopted Amendments and Additions to the Spatial Plan of the City of Zadar. New document defines cultural-historical entities inscribed on the UNESCO World Heritage List, and prescribes measures for protection of landscape, natural values and cultural-historical entities. Regarding to article 316. of Spatial Plan: The architectural heritage should be preserved and revalued, revitalized and promoted as a significant resource of cultural and historical values, and as such should be included in the economic and social flows. It is a particularly significant historical city on the Peninsula, a social and economic centre of life. The views of the historic city from the land and the sea should be preserved, and new constructions should be done in shape and height to contribute to the natural environment and the morphology of the urban heritage

5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

Some use has been made of the World Heritage Policy for Climate Change

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

Defensive System of Zadar: Development of policies regarding to historic urban landscape protection: In 2019, City council of the City of Zadar adopted Program for protection of air, ozone layer, climate change mitigation and adaptation to climate change for the area of the City of Zadar for the period 2020 - 2024. Measures set up in Programme that contribute to the protection of cultural heritage from the negative impact of air pollution and climate change: M1 Strengthen city capacities for carrying out activities to improve air quality M2 Public information in case of exceeding the permitted concentrations of air pollution M3 Incorporation of goals and measures for air protection, ozone layer protection, mitigation and adaptations to climate change in strategic and spatial planning documents M4 Establishment of measuring stations for air quality monitoring M6 Continue with gasification of the City of Zadar M10 Prevention of air pollution from ships in the port M11 Implementation of measures for increase energy efficiency and use of renewable energy sources in building and public lighting sector M13 Education of citizens on energy efficiency and the use of renewable energy sources M18 Implementation of sustainable urban logistics activities on Peninsula in Zadar, in accordance to Study of sustainable urban logistics of the Zadar Peninsula (2018) M19 Implementation of measures for increase energy efficiency in city traffic M20 Expansion of cycling infrastructure M22 Development of alternative fuels infrastructure M 23 Greening belts along roads M 27 Afforestation and reforestation for strengthen resilience to climate change M29 Implementation of activities in accordance with the Charter on Cooperation with buildings decarbonisation goals by 2050. M32 Encouraging the selection of NbS or technical solutions that have a positive impact on climate change adaptation and mitigation, when designing infrastructure interventions M39 Strengthen the resilience of the drainage system to climate change M42 Development and implementation of measures for strengthening the resilience of vulnerable ecosystems, habitats and species M 49 Increase the level of preparedness for extreme weather conditions M 50 Development of green infrastructure strategy M 52 Education for raising public awareness of climate change M 53 Strengthen city capacities for implementation of climate adaptation and mitigation In 2022. Natural Based Solutions Action Plan for City of Zadar was adopted by mayor. Action plan identifies the climate challenges that City of Zadar is facing and proposes a range of measures to increase nature-based solutions in order to adapt to the expected climate changes. Since heat and floods are most significant climate challenges for Zadar, City plans to implement three key measures that are estimated to make a major contribution to adaptation: greening/tree planting, improvement of the rainwater drainage system using natural based solutions and construction of permeable surface on parking lots and similar surfaces. SECAP – Sustainable Energy and Climate Action Plan – adopted by City council in 2021. following the signed Covenant of Mayors, which represents the world's largest initiative focused on local energy and climate activities. It represents a key document that, based on the collected data on the current situation, identifies and provides precise and clear guidelines for the implementation of energy efficiency projects and measures and the use of renewable energy sources, as well as adaptation to the effects of climate change at the city level, which will result in a reduction of CO2 emissions by at least 40 % by 2030 and by increasing resistance to climate change. SECAP focuses on the long-term impacts of climate change on the local community, takes into account energy efficiency and provides

measurable goals and results related to the reduction of energy consumption and CO2 emissions. Fort of St. Nikola, Šibenik-Knin County Some use of the World Heritage Policy for Climate Change has been made in understanding materials vulnerability with the purchase of certain expert documentation with analyses of the materials and the influence of the climate on the materials of the monument which was prepared in cooperation with experts. For the purpose of monitoring climate changes and preventing damage some instruments and alarms have been installed in the buffer zone: instruments that measure changes in sea level and tides, fire detectors, sea water pollution detectors. Water quality and other environmental factors of the buffer zone are also measured at the Ruđer Bošković Scientific Institute, which is located in the port of Šibenik, in the immediate vicinity of the UNESCO site. In the direction of modelling and projecting climate behaviour at the regional level, the Coastal Plan for the Šibenik-Knin County was created which includes St Nicholas Fortress. The Plan's time horizon for the management activities was 2030, while climate projections and scenarios aimed up to 2100. For the long-term activities the Plan implies constant monitoring of the climate change and modifying the measures proposed for adaptation. One of the advantages of preparing a coastal plan is that, owing to its integrated approach, it helps to identify and address management priorities for each individual coastal zone. In the case of the Šibenik-Knin County those were climate change impacts and adaptation, sustainable spatial development and water resources management. Šibenik-Knin County is also included in the project "Adriadapt" (INTERREG Cross-Border Cooperation Program Italy-Croatia 2014-2020.) which contributed to the harmonization and improvement of the monitoring and collection of climate data with the aim of determining concrete measures for adaptation to climate change in the Adriatic. A "Program for Air Protection, Ozone Layer, Climate Change Mitigation and Adaptation to Climate Change for the area of Šibenik-Knin County" was also created on regional level as well as "Environmental protection program Šibenik-Knin County (period from 2020 to 2023)". In managing cultural heritage Public Institution nature includes climate change messages in communication, education and interpretation activities to build public awareness (Plastic Free Project – Culture without plastic s natural!; educational programs, workshops, media).

5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?

Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

Defensive System of Zadar: The assessment of the risk of major accidents was adopted by the City Council in 2021, at the proposal of the Mayor in accordance with the Law on Civil Protection System. The risks defined for the City of Zadar are: earthquake, open fire, flood, epidemics and pandemics, extreme temperatures, industrial accidents. Risk assessment as such is a planning document on the basis of which all other planning and operational documents in the field of civil protection are drawn up. Fort of St. Nikola, Šibenik-Knin County: During the process of creating the project documentation for the rehabilitation of the fortress, special attention was paid to the management of disaster risks, especially from the aspect of fire and earthquake protection. For this purpose, specialized elaborations on fire protection and on the structure and physical characteristics of the building were prepared. A special chapter within the proposal for the Local management plan for St Nicholas Fortress deals with disaster risk assessment with a management strategy of key disaster risks. At the regional level, projects were carried out with the aim of collecting data on the impact of climate change on risk factors, and planning documentation was prepared, which includes a strategy for reducing the risk factors of disasters on the natural and cultural heritage of Šibenik-Knin County.

5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved

5.3.12 - Is the management system/plan adequate to maintain the property's Outstanding Universal Value?

The management system/plan is fully adequate to maintain the property's Outstanding Universal Value

5.3.13 - Is the management system being implemented?

The management system is being only partially implemented

5.3.14 - Is there an annual work/action plan and is it being implemented?

An annual work/action plan exists and many of its activities are being implemented

5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities			✗		
5.3.15.2	Local authorities				✗	
5.3.15.3	Landowners in the property and the buffer zone			✗		
5.3.15.4	Indigenous peoples	✗				
5.3.15.5	Women			✗		
5.3.15.6	Other specific groups	✗				
	If you selected, 'Other specific groups' please specify					

5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities				✗	
5.3.16.2	Local/Municipal authorities				✗	

5.3.16.3	Indigenous peoples					×
5.3.16.4	Landowners	×				
5.3.16.5	Women				×	
5.3.16.6	Youth/Children			×		
5.3.16.7	Researchers				×	
5.3.16.8	Local Visitors/Tourists					×
5.3.16.9	National/International tourists				×	
5.3.16.10	Tourism Industry				×	
5.3.16.11	Local businesses and industries				×	
5.3.16.12	NGOs			×		
5.3.16.13	Other specific groups	×				
	If you selected 'Other specific groups', please specify					

5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention*

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality				×	
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)				×	
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status				×	
5.3.17.4	The management system of the property integrates a human rights-based approach	×				
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood	×				
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property				×	

5.3.18 - Please provide further details on the ratings of the management system given in the table above

The nature of the properties and the Countries they are in do not identify the need of this kind of instruments to reach the aforementioned goals.

5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan

6. Financial and Human Resources

6.1. Funding

6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	1 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	1 %	0 %
6.1.1.6	Governmental (national/federal)	26,2 %	0 %
6.1.1.7	Governmental (regional/provincial/state)	29,9 %	18 %
6.1.1.8	Governmental (local/municipal)	31,4 %	82 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	1 %	0 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	0 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	11,3 %	0 %

6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available **budget is acceptable** but **could be further improved** to fully meet the management needs

6.1.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are **secure over the medium-term** and **planning is underway to secure funding over the long-term**

6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure

Question 6.1.1: Legge 77 founding financed the "Di difesa in difesa" project, funded by the Italian Government saw the involvement of the Secretariat with the Italian components. The project aims to involve lower secondary schools, activating students to understand UNESCO values and to get to know the heritage World Heritage Sites of Bergamo, Palmanova, and Peschiera.

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	42 %	50 %
6.1.6.2	Women	58 %	50 %
		Total 100 %	Total 100 %

6.1.7 - Are available human resources adequate to manage the World Heritage property?

Human resources **partly meet** the management needs of the World Heritage property

6.1.8 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Conservation	Fair
Environmental sustainability	Fair
Community participation and inclusion	Fair
Risk preparedness	Fair
Capacity development and education	Fair
Administration	Fair
Research and monitoring	Fair
Awareness raising and public information/communication	Fair
Marketing and promotion	Fair
Interpretation	Fair
Visitor management/tourism	Fair
Enforcement (custodians, police)	Fair

6.1.9 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Conservation	Poor
Environmental sustainability	Fair
Community participation and inclusion	Poor
Risk preparedness	Poor
Capacity development and education	Poor
Administration	Fair
Research and monitoring	Fair
Awareness raising and public information/communication	Poor
Marketing and promotion	Fair
Interpretation	Poor
Visitor management/tourism	Fair

6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?

Some use has been made of the World Heritage Strategy for Capacity Building

6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.**6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?**

A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, **but most technical work is carried out by external staff**

6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training

Most capacity building is done inside the International Coordination Group of the serial site. Members exchange their experience and knowledge during meetings. In May of 2023. A conference on management experience among components is scheduled to take place in Bergamo May 19th and 20th, 2023.

7. Scientific Studies and Research Projects**7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?**

Knowledge about the values and attributes of the World Heritage property is **adequate**

7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?

There is **considerable research** but it is **not directed towards management needs and/or improving understanding of Outstanding Universal Value**

7.3 - Are results from research programmes publicly available and disseminated?

Research results **are shared widely with active outreach** to local communities and national and international audiences

7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects

"Panorama Mura", project developed together with the Historical Museum of Bergamo (2019-2020) Book "Da Bergamo al Mediterraneo, Fortezze alla moderna della Repubblica di Venezia" (ISBN 979-12-5958-047-4)

8. Education, Information and Awareness Building**8.1 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups**

Local communities	Fair
Local/municipal authorities	Fair
Indigenous peoples	Not applicable
Landowners	Poor
Women	Not applicable
Youth/children	Fair
Researchers	Fair
Local visitors	Good
National/international tourists	Fair
Tourism industry	Fair
Local businesses and industries	Fair
NGOs	Fair
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?

There is a planned education and awareness programme for children and/or youth **but it only partly meets the needs**

8.3 - Who are the target audiences for education and awareness programmes at your property?

Local communities
Local/municipal authorities
Landowners
Women

Youth/children
Researchers
Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs

8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building

Visitor centre	Fair
Site museum	Poor
Information booths	Poor
Guided tours	Fair
Trails/routes	Fair
Printed information materials	Fair
Online (website, social media, etc.)	Fair
Transportation facilities	Poor
Other	Poor
If 'Other' is selected, please specify	Fort of St. Nikola, Šibenik-Knin County: St. Nikola'S Fortress City Information Centre, Buffer Zone Visitor Centre, St Anthony's Channel

8.5 - Comments, conclusions and/or recommendations related to education, information and awareness building

There is shared need for all the components to develop services related to education, information and awareness building able to explore and investigate the overall sense of the serial site.

9. Visitor Management

9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report

486.525 / 623.419 / 324.218 / 1.138.612 / 1.042.747 /

9.2 - What information sources are used to collect visitor statistics?

Entry tickets and registries
Accommodation establishments
Transportation services
Tourism industry
Visitor surveys
Other
Defensive System of Zadar: "eVisitor" System

9.3 - What is the average length stay of a visitor to the World Heritage property?

Two overnight stays

9.4 - Please provide the source of information

Fortified city of Bergamo: VisitBergamo (body responsible for the promotion of the local area) / Provincia di Bergamo Fortified city of Peschiera del Garda: Tourism Peschiera Infopoint - internal surveys City Fortress of Palmanova: PromoTurismoFVG (Regional Tourism Agency) Defensive System of Zadar: "eVisitor" (tourist check-in and checkout information system) Fort of St. Nikola, Šibenik-Knin County: Information Centre of St Nicholas' Fortress Fortified city of Kotor: Ramparts office

9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)

100 / 50 / 30 / 14 / 0 / 10 /

9.6 - Please provide the source of information

Fortified city of Peschiera d. G: Tourism Peschiera Infopoint / Fort of St. Nikola, Šibenik-Knin County: Dept for Tourism and Visitors Reception of Public Institution Nature of Šibenik-Knin County / Fortified City of Kotor: Ramparts' ticket office Note: The figure is of little significance, as it concerns the average expenditure from cities located in three countries with substantially different income levels and costs of living . Data for Bergamo, Palmanova and Zadar is not available.

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

There is a **strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are **some deficiencies in implementation**

9.8 - Please provide any comments relating to the answer provided above in question 9.7

The selection is the average of six answers provided by each component, calculated excluding the highest and lowest possible answers.

9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?

There is **some management** of the visitor use of the World Heritage property

9.10 - Is the effectiveness of tourism management regularly monitored?

No

If a different system, please specify

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?

There is **limited cooperation** between those responsible for the World Heritage property and the tourism industry **to present the Outstanding Universal Value and increase appreciation**

9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?

The presentation and interpretation of the Outstanding Universal Value of the property is **acceptable but improvements could be made**

9.13 - At how many locations is the World Heritage emblem displayed at the property?

In **many locations** and **easily visible** to visitors

9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?

While there is the authority **to collect fees**, they are **not collected**

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

City Fortress of Palmanova: "Pasquetta sui bastioni" and all the guided tours in the fortress

9.16 - Are the benefits of tourism shared with local communities?

Yes

If 'Yes', please specify

The community benefits from tourism in an economic sense because it brings direct job to the community, but there are also conservation benefits for the site. There are also social benefits: promotion of the value of cultural heritage, contribution to the creation of identity, engagement of local creative industries and retail (souvenirs).

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property

Since the World Heritage Property of the Fortified city of Bergamo, the Fortified city of Peschiera del Garda, City Fortress of Palmanova, Defensive System of Zadar and the Fortified city of Kotor include several spaces that are public and therefore of free fruition not subjected to admission fees, it is difficult to estimate the number of visitors who circulate through all the areas (streets, squares, parks) that are integrated into the aforementioned property.

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?

There is **considerable monitoring** but it is not directed towards management needs and/or improving the understanding of Outstanding Universal Value

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?

Information on the values of the World Heritage property is **adequate** and **key indicators have been defined** but **monitoring of the status of indicators could be improved**

10.3 - Are key indicators defined and in place for the following principal aspects of the property?

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation				✗
10.3.2	Effectiveness of the management system				✗
10.3.3	Character of governance				✗

10.3.4	Appropriate synergy with other conservation designations				×
10.3.5	Contribution to sustainable development				×
10.3.6	Capacity development				×

10.4 - Please provide information on relevant key indicators adopted at the property

The adopted key indicators are those established in the Serial Site candidacy application (see in particular chapter 10: "Monitoring of the Management Plan" which features the specific set of indicators link: <https://www.whc.unesco.org/document/155707>)

10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Fair
Local communities	Poor
Indigenous peoples	Not applicable
Landowners	Poor
Women	Not applicable
Researchers	Fair
Tourism industry	Poor
Local businesses and industry	Poor
NGOs	Poor
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

Implementation is underway

10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.

The six components of the serial transnational Site share a common strategy of approach to the elaboration of the Local Management Plan and to the framework for the Heritage Impact Assessment.

10.8 - Comments, conclusions and/or recommendations related to Monitoring

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.2	The boundaries of the World Heritage property are known by the management authority but are not known by local communities/landowners	×
5.1.4	The buffer zones of the World Heritage property are not known and recognised by the management authority or local communities/landowners	×
5.2	Protective Measures	
5.2.4	An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	
5.2.6	There is acceptable capacity/resources to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	
5.3	Management System/Management Plan	
5.3.5	Some use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	×
5.3.13	The management system at the property is only being partially implemented	
6.1	Funding	
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	×
6.1.7	Human resources partly meet the management needs of the World Heritage property	×
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	

6.1.12	A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff	✕
7	Scientific Studies and Research Projects	
7.2	There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	✕
8	Education, Information and Awareness Building	
8.2	There is a planned education and awareness programme for children and/or youth but it only partly meets the needs	✕
9	Visitor Management	
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	✕
9.9	There is some management of the visitor use of the World Heritage property	
9.11	There is limited cooperation between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation	✕
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made	
10	Monitoring	
10.1	There is considerable monitoring at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	

Please select 0 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

4.1	Buildings and Development						
4.1.1	Housing	Criteria (iii) (iv) No current threat to the attributes, but potential danger might be recognized since construction activity is on the rise	Monitoring and supervision of potential negative effects arising from construction activity	All works on cultural assets are going to be carried out under constant supervision of competent city departments.	Activities and monitoring are carried out permanently and continuously.	Administrative designated City departments for spatial planning and construction and for culture; where and when applicable, national departments for Protection of the Cultural Heritage and competent ministries	Affected component(s): Fortified city of Peschiera del Garda; Defensive System of Zadar;
4.1.4	Major visitor accommodation and associated infrastructure	Criteria (iii) (iv) The outstanding value of the property has enabled more accommodations for visitors, without compromising their integrity or attributes. As the cities attracts more and more tourists, in the future more accommodation may be needed	Potential negative factors are already controlled by the city master plan and all the interventions on the asset are approved by Municipality (Italian and Croatian components) and Regional Superintendence (Italian component)	Before any infrastructural works are implemented the competent authority needs to be informed and asked for approval	Activities and monitoring of infrastructure are carried out permanently and continuously	Administrative City departments for spatial planning and construction / for culture; Tourist boards; Universities; Regional Superintendence; where and when applicable, national dpts for Protection of the Cultural Heritage and competent ministries	Impacted component(s): Fortified city of Peschiera del Garda; City Fortress of Palmanova; Defensive System of Zadar
4.1.5	Interpretative and visitation facilities	Cr. (iii) (iv) New projects enhance visits through routes and virtual installations. Plates enhance the visitor experience, promoting OUV. Educational elements by the property and visitor centre explain WH values via	Educating on heritage's value, interpreting it to raise awareness for the cultural and landscape value. Projects follow OUV protection measures. Visitors numbers tracked through visitor centre's ticket	Groups oversee the Local Management plan with input from city reps, Ministries, University, local businesses and city's volunteer groups. Visitor tracking is conducted to redistribute them to different entrances. Environment	Monthly; annual; five years; ten years	Administrative City departments; Universities; Regional Superintendence; national dpts for Protection of the Cultural Heritage and competent ministries	Impacted component(s): Fortified city of Bergamo; Fortified city of Peschiera del Garda; City Fortress of Palmanova; Defensive System of Zadar; Fort of St. Nikola, Šibenik-Knin County

		multimedia and exhibitions	sales. Extra staff manage higher trash volume	monitoring is planned			
4.2 Transportation Infrastructure							
4.2.5	Effects arising from use of transportation infrastructure	Cr. (iii) (iv) Road and maritime traffic can have a negative impact on landscape (of core and buffer zone). Emission of harmful gases, dust, noise and vibrations affects part of fortress. Inadequate existing road infrastructure and parking spaces	Special attention to WH Committee recommendation on parking infrastructures. Design tourist vehicles parking in designated areas outside historical center. Reduce shipping traffic in buffer zone to protect water purity and integrity	Monitoring of road and maritime traffic, control and supervision of infrastructures, especially ensuring the implementation of protective measures to protect the landscape and OUV integrity of the properties as per UNESCO recommendations	Constant upon new building construction; annual; five years; ten years	Municipalities; Port Authorities, public Institutions; Universities; Ministry of the Sea, Transport and Infrastructure;	Impacted component(s): Fortified city of Bergamo; Fortified city of Peschiera del Garda; City Fortress of Palmanova; Defensive System of Zadar; Fort of St. Nikola, Šibenik-Knin County
4.4 Pollution							
4.4.4	Air pollution	Criteria (iii) (iv) Fossil fuel emission from vehicles and building impact negatively the quality of air, Outstanding Universal Value and attributes are not affected at the moment, while long-term life conditions in the buffer and core zone are	Constant monitoring of the quality of the air, development of programmes of air protection, ozone layer, climate change mitigation and climate change	Monitoring of air quality is done continuously	Daily, monthly, yearly	Administrative department for environmental matters; regional centre for air quality monitoring	Impacted component(s): Fortified city of Bergamo; Fortified city of Peschiera del Garda; City; Defensive System of Zadar; Fortified city of Kotor
4.4.5	Solid waste	Criteria (iii) (iv) Solid waste disposal in the core zone can damage the environment	The waste sorting is currently being implemented for the whole city, including the areas included in the core zone.	Monitoring is done continuously	Weekly actions are planned according to a yearly calendar	City administrative department for environmental matters and operated by a municipal subsidiary company	Impacted component(s): Fortified city of Bergamo; Fortified city of Kotor
4.8 Social/Cultural uses of heritage							
4.8.4	Changes in traditional ways of life and knowledge system	Criteria (iii) (iv) Insufficient number of professionals work in the area of Cultural Heritage. Lack of educational programs for craftsmen who are specialized for cultural heritage.	No actions have been taken	No monitoring	/	No lead agencies involved	Impacted component(s): Fortified city of Kotor
4.8.5	Identity, social cohesion, changes in local population and community	Criteria (iii) (iv) Loss of awareness of the historical significant of the property for the local population can weaken the consideration of the heritage as a whole	Implementation of interpretation actions of the heritage can contribute to a spread knowledge about the cultural heritage of the property, enforcing awareness in local population	No monitoring	not measurable	Local administrations in coordination with other stakeholder interested in local development	Impacted component(s): Fortified city of Bergamo; Defensive System of Zadar; Fort of St. Nikola, Šibenik-Knin County; Fortified city of Kotor
4.8.6	Impacts of tourism/Visitation/Recreation	Criteria (iii) (iv) A negative impact can be an excessive amount of tourists, an increasing threat to the buffer zone from a negative ecological footprint; a positive impact can result in a more widespread knowledge of the property	Redaction of a tourist management plan and consequent adoption of the necessary activities. Interpretation of the heritage can contribute to knowledge about the cultural heritage of the property and its visibility at all levels	Tourist are monitored on a yearly basis.	Tourist are monitored on a yearly basis.	Local administrations and their subsidiary agencies	Impacted component(s): Fortified city of Bergamo; Fortified city of Peschiera del Garda; City; City Fortress of Palmanova; Defensive System of Zadar; Fort of St. Nikola, Šibenik-Knin County; Fortified city of Kotor
4.10 Climate change and severe weather events							

4.10.6	Temperature change	Criteria (iii) (iv) extreme events due to climate change can interfere with the living conditions in the core zone (and in the areas in general)	Adopting a more sustainable ways of life and consumption in order to limitate and possibly prevent the future insurgence of extreme events and climatic crisis	Constant monitoring	Costant monitoring, especially in perspective of the UN Agenda 2030 for Sustainable Development	National, regional and local; stakeholders; citiziens and population	Impacted component(s): City Fortress of Palmanova; Defensive System of Zadar; Fort of St. Nikola, Šibenik-Knin County
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Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.1.2	The boundaries of the World Heritage property are known by the management authority but are not known by local communities/landowners	Implementation of local planning documentation Creation of conservation documents for the property, also in conjunction with the redaction of the local management plans. Dissemination of said documentation to the public.	2023-2028	Local offices managing the UNESCO properties; National and International Coordination Teams Administrative department according to each City and Country management organization.	/
5.1.4	The buffer zones of the World Heritage property are not known and recognised by the management authority or local communities/landowners	Implementation of local planning documentation. Creation of conservation documents for the property, also in conjunction with the redaction of the local management plans. Dissemination of said documentation to the public.	2023-2028	Local offices managing the UNESCO properties; National and International Coordination Teams. Administrative department according to each City and Country management organization.	/
5.3	Management System/Management Plan				
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	Reinforcement of the already existing cooperation between administrative bodies: a) On a local level: state, ministries, regional and local governing bodies, municipal bodies; b) On an international level among components of the three countries	2023-2028	Local offices managing the UNESCO properties; state parties; local administrative bodies	/
6.1	Funding				
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	Applications for a) co-financing from the EU and other conventions and programmes b) funding from local governmental (state and regional) sources and allocation of funds from the city budget and from adjustments of site-specific admission charges	2023-2028	Local offices managing the UNESCO properties, regional/provincial/state/municipal bodies.	/
6.1.7	Human resources partly meet the management needs of the World Heritage property	Implementation of the human resources in the properties' offices (i.e. hiring additional employees and specific professionals) and where necessary establishing new offices; cooperation with professionals from external bodies and experts	2023-2028	Local offices managing the UNESCO properties	/
6.1.12	A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being	Develop cooperation and involvement of city administrative departments in specific programs with external collaborators to share specific skills about the property management so that the personnel can become more expert	2023-2028	Local offices managing the UNESCO properties, specific experts	/

	transferred to those managing the property locally, but most technical work is carried out by external staff				
7	Scientific Studies and Research Projects				
7.2	There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	Implementation of the existing research campaigns, technical studies, planning documentation creation, scientific meeting that are already being carried out, intensifying the cooperation among institutions and focusing on interpretation	2023-2028	Local offices managing the UNESCO properties; Ministries of Culture; Universities; Education and research institutions; Conservation Departments	/
8	Education, Information and Awareness Building				
8.2	There is a planned education and awareness programme for children and/or youth but it only partly meets the needs	Implementation of programmes of interpretation and education of children aimed at University and school students; development education programs in cooperation with educational institutions related to the heritage property and the buffer zone(s)	2023-2028	Local offices managing the UNESCO properties; local city education departments; schools, universities, other educational institutions	/
9	Visitor Management				
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	Implementation of Visitor Management Action Plan; development of Tourism Carrying capacity study where not present; introduction of visitor meters in core zone buffer zones; development an application for dynamically monitoring mobility of visitors	2023-2028	Local offices managing the UNESCO properties; Municipal and local tourism offices, tourist boards, specialized agencies	/
9.11	There is limited cooperation between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation	Aimed education of tourism professionals on the property (joint campaigns for promotion and support by the tourist boards , destination management organizations and destination management companies	2023-2028	Local offices managing the UNESCO properties; public Institutions in charge of tourism; Tourist boards; tourist agencies; specialized agencies	/

Summary - Management Needs completed

12.3. Conclusions on the State of Conservation of the Property

12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

13. Impact of World Heritage Status

13.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Very positive
Research and monitoring	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Very positive
Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Positive
Institutional coordination	Positive
Security	Positive
Gender equality	No impact
Provision of ecosystem services/ benefits to local communities	No impact
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	No impact
Fostering inclusive local economic development and enhancing livelihood	Positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Positive
Other	Not applicable
If 'Other', please specify	

13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

World Heritage status has had a positive impact on the protection, maintenance, research, conservation and use of the property. World Heritage status contributes to the promotion of the monument and attracts visitors to visit the property. It had the effect of increasing monitoring of the state of conservation and management of the monument and transnational cooperation.

14. Good Practice in the Implementation of the World Heritage Convention

14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

Example of good practice at the property level is the joint work of the six components on sharing conservation strategies, methods and approaches. More specifically, an example of good practice that involves the management of the property is the joint work on the Management Plan for the serial property, following the creation of the Local Management plans for every component. Through this joint work, which is the result of cooperation among the members of the coordination group, the serial site is successfully answering the recommendations of UNESCO.

14.2 - Define which topics are covered by this example of best practice at the property level

Sustainable Development
Synergies
State of Conservation
Management
Governance
Capacity Building

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

The <i>World Heritage Convention</i>
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and/or Authenticity
The property's Integrity and/or Authenticity
Management effectiveness to maintain the Outstanding Universal Value
Monitoring and reporting

15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

State Party	Not needed
Site Managers	Not needed
UNESCO World Heritage Centre	Not needed
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Not needed

15.2. Use of Data

15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage
Update of management plans
Fundraising
Awareness raising
Advocacy

15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

15.3. Timing and resources

15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage
Site Manager/Coordinator World Heritage property staff
Focal points of other international conventions/programmes
Responsible persons for local designated sites under other international conventions/ programmes
Staff from other World Heritage properties
UNESCO National Commission
Local communities
Non-Governmental Organizations
External experts

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?

Gender balance has **not been explicitly** considered or implemented in the process.

15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?

Yes

15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

131 / 90 / 160 /

15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources		✗
15.3.5.2	Financial resources for organizing consultation meetings/ training		✗

15.4. Format and content of the Periodic Report

15.4.1 - How accessible was the information required to complete this questionnaire?

Most required information was accessible.

15.4.2 - Was the questionnaire easy to use and clear to understand?

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire		×		
15.4.2.2	Clarity of questions		×		

15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

Provide a specific questionnaire model for serial and transnational sites. Indication of which questions are optional and which ones are mandatory is missing on the.doc and .pdf files downloadable from the WHC website. The 250-characters limit for some of the answers does not take into account the necessity for more articulate explanations from serial sites whose components have different issues.

15.5. Training and Guidance

15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Fair
UNESCO (other sectors/field offices)	Poor
UNESCO National Commission	Good
ICOMOS International	Not applicable
IUCN International	Not applicable
ICCROM international/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable

15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities

UNESCO World Heritage Centre	Poor
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	Poor
National Commission for UNESCO	Good
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable
IUCN International	Not applicable

15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?

Yes

15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?

Resource materials are too long-winded and not very flowing: their examination require too much time, compared to the compilers' needs, as the content is not punctual and desultory.

15.6. Actions that will require formal consideration by the World Heritage Committee

15.6.1 - Summary of actions that will require formal consideration by the World Heritage Committee

No item were proposed for update

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

As the questionnaire is not designed for serial/transnational sites, in absence of specific indications the six components of this site have established a working method that represents the property as a whole. Due to the rigid structure of the questionnaire not allowing a different method, answers are calculated merging six different points of view of six realities, so some of the answers highlight the negative aspect of the question not to hide critical issues signalled by single component.

15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.