

Ferrara, City of the Renaissance, and its Po Delta

1. World Heritage Property Data

1.1 - Name of World Heritage property

Ferrara, City of the Renaissance, and its Po Delta

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
	0 / 0	?	?	?	
	0 / 0	?	?	?	
Diamantina	0 / 0	5320	?	5320	
Ferrara	0 / 0	41392	?	41392	
Total (ha)		46712	0	46712	

Comment

46,712 hectares (Core), together with the buffer zone of 117,650 hectares (buffer)

1.4 - Map(s)

Title	Date	Link to source
Ferrara, City of the Renaissance, and its Po Delta, scale 1:100000	2008	

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

1. [Ferrara \(only in Italian\)](#)

Comment

<https://www.ferraradeltapo-unesco.it/>

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?

No

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?

Yes

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 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

Ferrara, City of the Renaissance, and its Po Delta, situated within the Emilia Romagna region of Italy, is a remarkable cultural landscape. The area comprises the urban centre of Ferrara and adjoining agricultural lands within the ancient and vast Po River Delta.

The inscribed property extends to the ring of defensive walls that first enclosed the historic urban centre of Ferrara in the 12th century. Over time, the encircling walls of the medieval town were extended to accommodate urban growth, and today the walls encircle the medieval city, the Cathedral of San Giorgio and the Estense Castle. A series of urban planning schemes were implemented from the 14th to 16th centuries, which made Ferrara the first Renaissance city to be developed using a complex urban plan. In this plan, the network of streets and walls were closely linked with the palaces, churches and gardens as part of an overall scheme that gave precedence to the harmonious layout of urban perspectives, rather than accentuating the beauty of individual buildings. The best known of these schemes, the *Addizione Erculeea* designed by Biagio Rossetti at the end of the 15th century, was one of the first urban plans based on the idea of perspective – that is, balancing humanist principles relating to form and volume in architecture with open space, the needs of the city, and local traditions.

The Po Delta of the Po River valley has been settled for millennia. From the 14th to the 16th centuries, the ruling Este family carried out extensive land reclamation and building projects, which give this area a distinctive character link with Ferrara, seat of the Este family. Transformations made to the countryside surrounding Ferrara during the Renaissance included: drainage of huge swathes of swampland, establishment of *castalderie* (estates), creation of new waterways and streets as part of the overall urban development plan and construction of a network of noble residences known as the *delizie estensi*. This work led to a new fabric of agricultural production and the construction of Ducal residences as the political sign of magnificence. These were designed to mirror the image of the Court beyond the urban confines and again formed part of a process of integration and continuity between the city and the surrounding countryside. The original form of the Renaissance landscape of the Po River Delta is still recognisable in the region's 21st-century layout.

The history of the Renaissance city of Ferrara is closely bound to the Este family and their rule. The city had been an important medieval centre, a free city with its own laws and even its own mint, but only under the Este's was it to become an internationally known capital with great importance for the arts, economics, ideology and religion. The court flourished in splendour and for two centuries was on a par with cities such as Florence and Venice or with other great European courts in France or Spain.

Artists such as Piero della Francesca, Mantegna and Michelangelo attended the Este Court and worked there. With great support from these artists, the Este family created the first example of a *studiolo* and their practice of art collection became a model for both the Medici family and the Pope.

Criterion (ii): Developments in town planning expressed in Renaissance Ferrara had a profound influence on town design practice and planned preservation throughout the succeeding centuries. The Ferrarese architectural school (Biagio Rossetti, Girolamo da Carpi, Giambattista Aleotti, etc.) exported urban design views and elements such as walls and fortresses into the planning of other Italian and European cities.

Criterion (iii): The Este ducal residences in the Po Delta illustrate the influence of Renaissance culture on the natural landscape in an exceptional manner.

Criterion (iv): The historical town of Ferrara is an exceptional example of Renaissance period urban planning in which the layout and built forms from this period are still visible and where the urban fabric is virtually intact.

Criterion (v): The Po Delta is an outstanding planned cultural landscape that retains its original form to a remarkable extent.

Criterion (vi): During the two seminal centuries of the Renaissance, the brilliant court of the Este family attracted leading artists, poets and philosophers and became a major centre for the development and practical application of 'new humanism' in Italy.

Integrity

The 46,712 ha inscribed property, along with the 117,649 ha buffer zone, encompasses all the elements necessary to understand the Renaissance cultural landscape of Ferrara and its Po Delta, which substantiates its Outstanding Universal Value. The intactness of the property is evidenced in the Renaissance period layout of the city of Ferrara as well as in the landscape changes and transformations of the surrounding agricultural landscape. The wholeness of Renaissance Ferrara is visible in the medieval walls, the forms of the 14th to 16th century town planning schemes, the surviving and largely original buildings and in the well preserved layout of the city that is easily understood by visitors. The wider landscape of the World Heritage property is most evident in the remaining *delizie* that point to the land transformation schemes undertaken during the time of the ruling Este family.

Thus the Renaissance cultural landscape of Ferrara and the Po Delta forms a historical whole. However, changing methods of cultivation and economic priorities, as well as the introduction of new infrastructure are concerns that will need to be holistically addressed in order to maintain the conditions of integrity.

Authenticity

Ferrara, City of the Renaissance, and its Po Delta is a cultural landscape that is exceptionally well preserved and is authentic in its form and design, materials, setting, spirit, and feeling. The originality of the urban fabric of Ferrara, along with its Renaissance design and layout elements, makes it a clearly recognisable Renaissance city. Some of the *delizie* are authentic in relation to original large farm settings and are in excellent condition following restoration works carried out since 1970. The relationships of Renaissance elements with branches of the Po River (Po di Ferrara, Primaro, Volano, Sandalo) are readily recognisable and the ancient course of these rivers and streams are clearly visible today. Despite a long history of damage to the property, it retains a truthfulness and credibility with regard to its expression of Outstanding Universal Value.

Protection and management requirements

The protection and management of Ferrara, City of the Renaissance and its Po Delta requires the cooperation of public institutions at different levels of government: national, regional, provincial and municipal.

The property is protected under national cultural heritage legislation: the "Codice dei Beni Culturali e del Paesaggio" (Legislative Decree 42/2004). Local offices of the "Ministero per i Beni e le Attività culturali" (Regional Management and Supervision) undertake monitoring to ensure compliance with the national legislation.

At the regional level, there are three specific planning systems. The Regional Landscape Plan (PTPR) establishes regulations with regard to the historical-cultural identity of locations and the surrounding landscape. The Po Delta Park Plan's aim is to protect the areas of natural importance. The Provincial Territorial Plan (PTCP) identifies the synergies and actions needed to develop traditional economic activities and tourism in a manner that protects the character of the environment and the countryside. The plan encompasses the large area that makes up both the inscribed property area and its buffer zone.

In addition, the Municipality of Ferrara has an approved Urban Planning Tool that identifies the whole of the historic city inside the walls as an area of cultural interest and consolidates the high degree of protection that has been in place since 1975. There are several programmes with specific aims that deal with conserving

the Renaissance walls and open spaces inside and outside the city walls.

The management of the property is coordinated through a multi-level government Site Steering Committee. The Committee is responsible for preparing and implementing the annual Management Plan. A key aim of the Management Plan is to increase public awareness, particularly of local residents and workers, with regard to the extent of the property and its outstanding importance.

Sustaining the Outstanding Universal Value of the property and maintaining its conditions of authenticity and integrity over time will require the creation of improved linkages and coordinated management between the urban landscape of Ferrara and the rural landscape of the network of *delizie*, the improvement of the regional regulatory regime to effective control use and transformation of the area and infrastructure development, the increase of local awareness of the heritage values of the properties and opportunities to enjoy the area's heritage and the definition of clear policies for the adaptive reuse of historic properties that have been abandoned or damaged. Also, sufficient resources for interventions will need to be allocated to address the considerable damages from the May 2012 earthquakes, particularly to the city walls, the Estense Castle, the medieval cathedral, the Rocca (bastion) of Stellata and to several historic buildings.

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	Palaces of the Renaissance city with particular reference to the Ferrarese School	✖			
3.2.2	City wall system	✖			
3.2.3	System of Delights	✖			
3.2.4	Water Reclamation system	✖			
3.2.5	Po Delta landscape	✖			
3.2.6	Urban planning of the Renaissance period	✖			
3.2.7					
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✖ Not relevant
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4.1.2 - Commercial development

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✖ Not relevant
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4.1.3 - Industrial areas

Previous answer Cycle 2 (08/07/2014):






- Relevant, Negative, Current, Inside

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

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Current, Potential, Inside

✕ 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

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Current, Inside

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



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

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Inside, Outside

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

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant				✕ Not relevant			
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4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (08/07/2014):



- Not relevant

Relevant				✕ Not relevant			
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4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Inside

✕ 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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

✕ 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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Potential, Inside

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

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Outside

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

4.3.4 - Localised utilities

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.3.5 - Major linear utilities

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Potential, Inside

✕ Relevant				Not relevant			
	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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.4.3 - Surface water pollution

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Inside, Outside

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

4.4.4 - Air pollution

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.4.5 - Solid waste

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.4.6 - Input of excess energy

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.5.2 - Aquaculture

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Current, Potential, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	→ Stable	📈 Increasing
➕ Positive ✕	✕	✕	✕			→	
➖ Negative ✕	✕	✕	✕				↗

4.5.3 - Land conversion

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Potential, Inside

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

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.5.5 - Crop production

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Inside

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

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.5.8 - Commercial hunting

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.5.9 - Subsistence hunting

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	✕ Not relevant
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4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant

✕ Not relevant

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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant

✕ Not relevant

4.6.2 - Quarrying

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Negative, Current, Potential, Inside

Relevant

✕ Not relevant

4.6.3 - Oil and gas

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Potential, Inside, Outside

Relevant

✕ Not relevant

4.6.4 - Water (extraction)

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Negative, Current, Potential, Inside

✕ Relevant

Not relevant

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

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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant

✕ Not relevant

4.7.2 - Relative humidity

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Negative, Current, Potential, Inside

✕ Relevant

Not relevant

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
















4.7.3 - Temperature

Previous answer Cycle 2 (08/07/2014):

- Not relevant

✕ Relevant


Not relevant

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

4.7.4 - Radiation/Light

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	 Not relevant
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4.7.5 - Dust

Previous answer Cycle 2 (08/07/2014):


- Not relevant

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

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Inside, Outside

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

4.7.7 - Pests

Previous answer Cycle 2 (08/07/2014):

- Not relevant

Relevant	 Not relevant
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4.7.8 - Micro-organisms

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

Previous answer Cycle 2 (08/07/2014):


- Not relevant

Relevant	 Not relevant
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4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Current, Potential, Inside

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

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Current, Potential, Inside












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

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

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Negative, Potential, Inside

<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 <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Current, Potential, Inside, Outside

<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							

4.8.7 - 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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.9.3 - Military training

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.9.4 - War

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.9.5 - Terrorism

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.9.6 - Civil unrest

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

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

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.10.2 - Flooding

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Inside, Outside

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

4.10.3 - Drought

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.10.4 - Desertification

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.10.6 - Temperature change

Previous answer Cycle 2 (08/07/2014):

- Not relevant

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔊 Potential	📍 Inside	🌐 Outside	↘ Decreasing	→ Stable	↗ Increasing

Positive							
Negative							

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Potential, Outside

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

The territory of the site is characterized by an important balance between land and water, climate changes that cause drought, increase in sea water levels and sudden storms, even violent ones, represent a danger for Ferrara and its delta.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.11.2 - Earthquake

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Inside

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

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

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

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Inside

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

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Inside

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

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Potential, Inside, Outside

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (08/07/2014):

- Not relevant

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

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Current, Inside, Outside

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

4.12.6 - Modified genetic material

Previous answer Cycle 2 (08/07/2014):


- Not relevant

Relevant	✕ 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

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

4.13.2 - Legal framework

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

4.13.3 - Governance

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

4.13.4 - Management activities

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Current, Potential, Inside, Outside

✕ 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

Previous answer Cycle 2 (08/07/2014):

- Relevant, Positive, Current, Potential, Inside

✕ 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

Previous answer Cycle 2 (08/07/2014):

- Relevant, Negative, Potential, Inside

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



















































































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						
4.1.3 Industrial areas						
						
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						
						
4.2.4 Marine transport infrastructure						
						
4.2.5 Effects arising from use of transportation infrastructure						
						
4.3 Services Infrastructures						
4.3.1 Water infrastructure						
						
4.3.2 Renewable energy facilities						
						
4.3.3 Non-renewable energy facilities						
						
4.3.4 Localised utilities						
						
4.3.5 Major linear utilities						
						

4.4 Pollution						
4.4.3 Surface water pollution						
4.5 Biological resource use/modification						
4.5.2 Aquaculture						
4.5.3 Land conversion						
4.5.5 Crop production						
4.6 Physical resource extraction						
4.6.4 Water (extraction)						
4.7 Local conditions affecting physical fabric						
4.7.2 Relative humidity						
4.7.3 Temperature						
4.7.6 Water (rain/water table)						
4.8 Social/Cultural uses of heritage						
4.8.2 Society's valuing of heritage						
4.8.5 Identity, social cohesion, changes in local population and community						
4.8.6 Impacts of tourism/Visitation/Recreation						
4.10 Climate change and severe weather events						
4.10.1 Storms						
4.10.2 Flooding						
4.10.3 Drought						
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						

4.12 Invasive/alien species or hyper-abundant species						
4.12.2 Invasive/Alien terrestrial species						
4.12.3 Invasive/Alien freshwater species						
4.12.4 Invasive/Alien marine species						
4.12.5 Hyper-abundant 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						
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
4.1.3 Industrial areas						

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
4.1.4 Major visitor accommodation and associated 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
4.1.5 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							
✕	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							
<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 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 type="checkbox"/>	Medium capacity						
<input checked="" 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						



4.3 Services Infrastructures

Name		Impact			Origin		Trend
4.3.1 Water 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						
<input type="checkbox"/>	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
4.3.2 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
4.3.3 Non-renewable energy facilities			
			

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 checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input 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 type="checkbox"/>	Medium capacity
<input checked="" 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
4.3.4 Localised utilities			
			







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	
	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
4.4.3 Surface water pollution			
			  

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
4.5.2 Aquaculture	  		
	  		

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
4.5.3 Land conversion						

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
4.5.5 Crop production			
	<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

4.6 Physical resource extraction

Name	Impact	Origin	Trend
4.6.4 Water (extraction)	<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></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

4.7 Local conditions affecting physical fabric

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

4.8 Social/Cultural uses of heritage

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
4.8.5 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

4.10 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
4.10.3 Drought			
			
			


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	
	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

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	
	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
4.12.3 Invasive/Alien freshwater species						
						






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
4.12.4 Invasive/Alien marine species						
						

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
4.12.5 Hyper-abundant species			
	  	 	

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

4.13 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
X	Widespread
Temporal scale - Occurrence 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	
X	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
X	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	  	 	

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






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
4.13.7 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

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

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	Palaces of the Renaissance city with particular reference to the Ferrarese School	✕			
4.18.1.2	City wall system	✕			
4.18.1.3	System of Delights	✕			
4.18.1.4	Water Reclamation system	✕			
4.18.1.5	Po Delta landscape	✕			

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 both** the management authority and 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 known and recognised by both** the management authority and 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).

The whole property and the buffer zones are covered by the Territorial Plan for Provincial Coordination (PTCP), drawn up in conformity with Act .141/1990 and Regional Act 6/1996, approved and in force since 1997. The PTCP serves as landscape plan for the enforcement of Law 431/1988. It envisages the safeguard of the historic landscape of the Provincial territory and identifies 10 Landscape Units that cover the whole Province. The PTCP is currently under revision to comply with the new Regional Law 20/2000 (safeguard of the territories) and the new provisions for the protection of historic and cultural heritage. The deadline for the revision is defined by a procedure that does not fall under the jurisdiction of the Local Authority.

The urban area of the City of Ferrara is regulated by the Municipal Structural Plan (PSC) approved in 2009 and currently in force, in conformity with the provisions of Regional Act 20/2000.

Following the attention devoted to the city of Ferrara by local society, economic actors and policy makers in recent years, singling out some issues and themes, the Municipal Structural Plan identifies some "sensitive areas" for which further reflection and projects are deemed necessary. The ancient centre of Ferrara is a sensitive area per excellence. The Plan's objectives for the re-valorisation of the Centre include the recovery and restoration of ancient buildings, monuments and open spaces, as well as new ways to use these properties. This means the recovery of landscape currently hidden and partially inaccessible to the public and the valorisation of streets and alleys, which do not seem to have any significance for the urban structure of the City. It also means to re-discover new areas difficult to perceive. These itineraries can connect historic and tourist areas of the city, while, at the same time, enhance the areas they run through.

Source: Periodic Reporting Cycle 1, Periodic Reporting Cycle 2

Comment

The PTCP is in force, it will be replaced by the PTAV (Wide Area Territory Plan) pursuant to LR 24/2017 which is aimed at enhancing and promoting the entire territory subject to Unesco recognition. Currently the Municipality of Ferrara has drawn up the Strategic Document of the new Urban Plan pursuant to Regional Law 24/2017 which among its objectives includes strategies for the protection, preservation and development of a new urban economy linked to the recognition of the Unesco site.

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

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?

The **legal framework** in the buffer zone for the maintenance 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**

5.2.5 - 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

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 at provincial/regional level

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

Mechanisms to promote equal participation among and within groups, including different levels of authority, local communities, indigenous people, women and men, and other specific groups

A management plan

An annual work plan or business plan

A joint approach to management of cultural and natural heritage

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

The Management Plan is drawn up thanks to the involvement of all levels of competence (national, regional, provincial, municipal) involved in the protection of the World Heritage site who discuss within the Steering Committee. The Steering Committee of the Unesco site of Ferrara was established with an institutional agreement and is made up of representatives of the Municipality of Ferrara, the Province of Ferrara, the Emilia Romagna Region, the Po Delta Park and the Superintendencies.

5.3.4 - Management Documents

Comment

The 2009 Management Plan was sent to the UNESCO World Heritage Office of the Ministry of Cultural Heritage and Activities and Tourism but not sent to the main office in Paris. The Management Plan is currently being updated

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.

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:

The Municipality of Ferrara and the Municipalities of the Province have approved the PAESC which provides for actions to adapt to the effects of climate change which also concern the Unesco World Heritage Sites. Specifically, with the European Project ProteCHt2save which sets up a strategy of integrated actions for the protection of architectural heritage from violent climate change, the manual with the guidelines "Historical centers and adaptation to climate change" has been implemented

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

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 adequate coordination between all bodies/levels involved in the management of the property

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

The management system/plan is only partially 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?

No annual work/action plan exists despite an identified need

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	Associazioni e altri Stakeholder				

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
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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	SIPRO; Associazioni Naturalistiche; CNA Cultura; ASCOM Ferrara; Confartigianato Ferrara; Proloco Ferrara; ARCI Ferrara; Ferrara Fiere.				

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

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	10 %	5 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	0 %	0 %
6.1.1.7	Governmental (regional/provincial/state)	80 %	80 %
6.1.1.8	Governmental (local/municipal)	0 %	10 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	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.)	10 %	5 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

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

The extraordinary resources of the national recovery and resilience plan (PNRR) within the european next generation eu program are impacting funding at this time and for the future it is not able to predict the amount of extraordinary resources for projects.

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	40 %	0 %
6.1.6.2	Women	60 %	0 %
		Total 100 %	Total 0 %

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	Not applicable
Capacity development and education	Fair
Administration	Fair
Research and monitoring	Fair
Awareness raising and public information/communication	Fair
Marketing and promotion	Fair
Interpretation	Not applicable
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	Poor
Community participation and inclusion	Poor
Risk preparedness	Not applicable
Capacity development and education	Poor
Administration	Poor
Research and monitoring	Poor
Awareness raising and public information/communication	Poor
Marketing and promotion	Poor
Interpretation	Not applicable

Visitor management/tourism	Poor
Enforcement (custodians, police)	Poor

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

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 a comprehensive, integrated programme of research, which is relevant to 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 with local communities and some national agencies

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

Research activities and programs addressing needs to improve management and understanding of Outstanding Universal Value have been implemented and will be disseminated soon. All the studies carried out and the related results will be included in the new Management Plan for the Ferrara site that we are starting to develop.

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	Poor
Landowners	Poor
Women	Fair
Youth/children	Poor
Researchers	Good
Local visitors	Fair
National/international tourists	Fair
Tourism industry	Good
Local businesses and industries	Fair
NGOs	Not applicable
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 no education and awareness programme for children and/or youth, despite an identified need

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

Other specific groups
There is no education and awareness programme for children and/or youth

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	Not needed
Information booths	Fair
Guided tours	Fair
Trails/routes	Fair
Printed information materials	Fair
Online (website, social media, etc.)	Fair
Transportation facilities	Poor
Other	Not needed
If 'Other' is selected, please specify	

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

9. Visitor Management

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

440512 / 317759 / 589083 / 609452 / 613213 /

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

Other

Statistical surveys of the Emilia Romagna Region

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

More than four overnight stays

9.4 - Please provide the source of information

Statistical surveys on tourism in the Emilia Romagna Region. The data refers to the entire territory of the site which also includes the Municipality of Comacchio which has a strong tourist vocation, therefore while the city of Ferrara has an average stay of 2.14 days, Comacchio has an average stay of 7.41 days.

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

0 / 0 / 0 / 0 / 0 / 0 /

9.6 - Please provide the source of information

Date 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 planned and **effective strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property

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

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

Visitor use of the World Heritage property is **effectively managed and does not impact its Outstanding Universal Value**

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

Statistical surveys of the Emilia Romagna Region, Entrances to monuments, surveys of accesses to the IAT (Tourist Information and Reception)

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 **good 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 Outstanding Universal Value of the property **is adequately presented and interpreted**

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?

Fees are collected, and make some contribution to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Metrominuto Ferrara 2019 Participatory EcoMap of the province of Ferrara

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

Yes

If 'Yes', please specify

The economic benefits are shared with operators in the hospitality sector, tourist guides, art activities and shows, companies producing typical local products and souvenir

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage 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 a small amount of monitoring, but it is not planned

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 sufficient to define key indicators, but this has not been done

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 key indicators that will be used for the management of the World Heritage property are being defined and will be included in the new Site Management Plan.

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

World Heritage managers/coordinators and staff	Fair
Local/municipal authorities	Fair
Local communities	Fair
Indigenous peoples	Not applicable
Landowners	Not applicable
Women	Not applicable
Researchers	Fair
Tourism industry	Poor
Local businesses and industry	Poor
NGOs	Not applicable
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?

No relevant Committee recommendations to implement

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

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

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.2	Protective Measures						
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						✕
5.3.12	The management system/plan is only partially adequate to maintain the property's Outstanding Universal Value						✕
5.3.13	The management system at the property is only being partially implemented						✕
5.3.14	There is no existing annual work/action plan for the property despite an identified need						✕
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						✕
8	Education, Information and Awareness Building						
8.2	There is no heritage education and awareness programme for children and/or youth, despite an identified need						✕
10	Monitoring						
10.1	There is a small amount of monitoring at the World Heritage property, but it is not planned						✕
10.2	Information on the values of the World Heritage property is sufficient to define key indicators, but this has not been done						✕

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

4.3	Services Infrastructures						
4.3.1	Water infrastructure	Criterion (v); Water Reclamation system and landscape of the Po Delta.	Ordinary and extraordinary maintenance activities of the infrastructures that regulate and manage the regimentation of water in the main rivers of the province and of the Po Delta.	Number of inspections carried out. Sums invested for control/maintenance.	6 years (2023-2028).	AIPO (Interregional Agency for the Po River); Emilia Romagna Region AdB (Basin Authority); Reclamation Consortium of the Ferrara plain.	No comments.

4.3.2	Renewable energy facilities	Criterion (v); Water Reclamation system and landscape of the Po Delta.	Ordinary and extraordinary maintenance activities of the infrastructures that regulate and manage the regimentation of water in the main rivers of the province and of the Po Delta.	Verification of the plants built with respect to what is authorized (random check).	6 years (2023-2028).	ARPAE (issue of authorization); province of Ferrara (competence in the planning field-verification of consistency with the planning tools), Municipalities involved in the area (issue the building permit); Reclamation Consortium of the Ferrara plain.	No comments.
4.4	Pollution						
4.4.3	Surface water pollution	Criteria (v). Water Reclamation system and landscape of the Po Delta.	Checking the filtering system; Release of authorization for discharges; Sewage system control. Pollution in agriculture: reduction of pesticide use and compliance with the new community laws (PAC 2023-27). "country notebook" AUSL NAS.	All the identified actions have a monitoring that mainly takes place on a sample basis.	6 years (2023-2028)	ARPAE (verification of surface water contamination); AUSL (carries out checks); Firefighters (in case of spills); Civil Protection (intervenes for the safety of the territory).	No comments.
4.7	Local conditions affecting physical fabric						
4.7.2	Relative humidity	Criteria affected: (ii); (iii); (v); (iv). Palaces of the Renaissance City; City Wall System; System of Delights; Water Reclamation system; Po Delta landscape.	Ordinary maintenance of buildings, improvement of air conditioning systems.	Resources invested for the ordinary maintenance of buildings and the improvement of air conditioning systems.	6 year (2023-2028)	Municipality of Ferrara, Province of Ferrara; Reclamation Consortium of the Ferrara plain; Municipalities involved in the maintenance of the Delights and the private owners of the artifacts relating to the exceptional value of the property.	No comments
4.7.3	Temperature	Criterion (ii); Criterion (iii); Criterion (iv); Criterion (v). Palaces of the Renaissance City; City Wall System; System of Delights; Landscape of the Po Delta; Water Reclamation system.	This factor is being analyzed within the future Management Plan, within which the necessary actions will be identified.	Once the actions have been defined, the relative monitoring system will be identified.	6 years (2023-2028)	Municipalities (authorizing jurisdiction); Province (planning activities within the Territorial Plans).	No comments
4.7.6	Water (rain/water table)	Criterion (iii); Criterion (iv); Criterion (v). Palaces of the Renaissance city; City Wall System; System of Delights; Landscape of the Po Delta; Water Reclamation system.	Measures against rising damp for the ordinary maintenance of buildings and against the increase in salinity of groundwater.	Measures against rising damp for the ordinary maintenance of buildings and against the increase in salinity of groundwater.	6 years (2023-2028)	Private owners of buildings relating to the exceptional value of the property; Reclamation Consortium of the Ferrara plain; all the Municipalities involved in the property.	No comments
4.10	Climate change and severe weather events						
4.10.3	Drought	Criterion (ii); Criterion (iv); Criterion (v). Palaces of the Renaissance city; City Wall System; System of Delights; Landscape of the Po Delta; Water Reclamation system	Creation of reservoirs; Reduction of water consumption determined by domestic/industrial consumption through the reuse of water; Limitation of the use of groundwater from surface and underground bodies (European Regulation 2020).	Sample check actions; Infrastructure construction.	6 years (2023-2028)	Reclamation Consortium of the Ferrara plain; CADF water manager; HERA.	Non ci sono commenti.

4.10.6	Temperature change	Criterion (ii); Criterion (iii); Criterion (iv); Criterion (v). Palaces of the Renaissance City; City Wall System; System of Delights; Landscape of the Po Delta; Water Reclamation system	Interior of buildings: temperature control - External environments: heat islands (increase green areas in the city - Non-urbanized territory increase in wooded areas). Po Delta flora and fauna criticality (increase the native flora).	The control and monitoring activities on the non-humanised territory take place on a random basis (it is done by the Carabinieri Forestali) - in the urban environment the control activity is carried out by the individual Municipalities.	6 yearsi (2023-2028)	Municipalities (authorizing jurisdiction); Province (planning activities within the Territorial Plans).	No comments
4.10.7	Other climate change impacts	Criterion (ii); Criterion (iii); Criterion (iv); Criterion (v). Palaces of the Renaissance City; City Wall System; System of Delights; Landscape of the Po Delta; Water Reclamation system.	This factor is being analyzed within the future Management Plan, within which the necessary actions will be identified.	Once the Actions have been defined, the relative monitoring system will be identified.	6 years (2023-2028)	Municipalities (authorizing jurisdiction); Province (planning activities within the Territorial Plans); the Emilia Romagna Region.	No comments
4.12	Invasive/alien species or hyper-abundant species						
4.12.3	Invasive/Alien freshwater species	Criterion (v). Landscape of the Po Delta; Water Reclamation system.	Reintroduction of strong native species to counteract invasive/alien or hyper-abundant species such as catfish and Louisiana crayfish.	Percentage reduction of invasive/alien or hyper-abundant species; number of reintroductions made.	6 years (2023-2028)	Po Delta Park; Emilia Romagna region; Reclamation Consortium of the Ferrara plain, sport fishing and professional fishing associations.	No comments

Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.3	Management System/Management Plan				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
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	Through the management and governance tools of the territory, with the new "General Urban Plan" the historic urban landscape will be protected, well aware that it is the result of a historical stratification of cultural and natural values	6 years (2023-2028)	Municipality of Ferrara, Province of Ferrara, Emilia Romagna Region.	The Unesco World Heritage Site of Ferrara undertakes to adopt the legislative institutional framework and appropriate measures in order to apply the principles and rules set out in the "Recommendation on the historic urban landscape".
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	The Unesco World Heritage Site of Ferrara implements the indications of the United Nations Framework Convention on Climate Change and undertakes to comply with the provisions of the regional and national legislation in force.	6 years (2023-2028)	Municipality of Ferrara, Province of Ferrara, Emilia Romagna Region, Po Delta Park Authority, Reclamation Consortium of the Ferrara plain.	No comments
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	Strengthen the protection of World Heritage and contribute to sustainable development. incorporate national disaster risk reduction policies into the Management System.	6 years (2023-2028)	All 21 municipalities in the area; Province of Ferrara; Emilia Romagna region; ISPRA.	No comments
5.3.12	The management system/plan is only partially adequate to maintain the property's Outstanding Universal Value	The current Management Plan is no longer adequate and therefore it is being updated with the aim of guaranteeing the effective protection of the designated assets to preserve it for present and future generations.	6 years (2023-2028)	All 21 Municipalities; Province of Fe; Emilia Romagna region; Po Delta Park; Superintendence of Archaeology, Fine Arts and Landscape for the metropolitan city of Bologna and the provinces of Modena, Reggio Emilia and Ferrara; Regional Secretariat ER.	No comments

5.3.13	The management system at the property is only being partially implemented	The current Management Plan will be effectively implemented and monitored.	6 years (2023-2028)	All 21 Municipalities; Province of Fe; Emilia Romagna region; Po Delta Park; Superintendence of Archaeology, Fine Arts and Landscape for the metropolitan city of Bologna and the provinces of Modena, Reggio Emilia and Ferrara; Regional Secretariat ER.	No comments
5.3.14	There is no existing annual work/action plan for the property despite an identified need	Being in the updating/implementation phase of the Management Plan, it is not yet possible to define an annual work/action plan for the protection and enhancement of the World Heritage.	6 years (2023-2028)	All 21 Municipalities; Province of Fe; Emilia Romagna region; Po Delta Park; Superintendence of Archaeology, Fine Arts and Landscape for the metropolitan city of Bologna and the provinces of Modena, Reggio Emilia and Ferrara; Regional Secretariat ER.	No comments

6.1	Funding				
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	Plans or programs should be established to strengthen the knowledge, skills and competences of internal personnel responsible for the management and conservation of world heritage.	6 years (2023-2028)	Municipality of Ferrara; Province of Ferrara; Emilia Romagna region; Po Delta Park; Superintendence of Archaeology, Fine Arts and Landscape for the metropolitan city of Bologna and the provinces of Modena, Reggio Emilia and Ferrara; Regional Secretariat ER	No comments

8	Education, Information and Awareness Building				
8.2	There is no heritage education and awareness programme for children and/or youth, despite an identified need	Implement educational activities to strengthen the knowledge and values of cultural heritage in the younger generations also following the update of the Management Plan.	6 years (2023-2028)	Steering Committee.	The "World Heritage in Schools" project aimed at teachers and students is currently active in collaboration with the World Heritage Italian Heritage Association. https://www.patrimoniomellascuola.it/

10	Monitoring				
10.1	There is a small amount of monitoring at the World Heritage property, but it is not planned	Develop a monitoring program starting from the indicators that will be identified as part of the work to update the Management Plan, also taking into account the outcome of the self-assessment questionnaire in the Periodic Report.	6 years (2023-2028)	Steering Committee.	No comments
10.2	Information on the values of the World Heritage property is sufficient to define key indicators, but this has not been done	The key indicators are being defined which will be included in the update of the Management Plan together with the program for their monitoring starting from the information on the site's values.	6 years (2023-2028)	Steering Committee.	No comments

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

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

The inclusion of the site in the world heritage list represents an opportunity for the valorisation of the city and the territory, also from a tourist point of view. In addition, the recognition allows you to maintain great attention on the protection and conservation of cultural heritage and landscape.

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

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

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 World Heritage Convention
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	Fair
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?

Update of management plans
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)

Site Manager/Coordinator World Heritage property staff
Responsible persons for local designated sites under other international conventions/ programmes
UNESCO National Commission
Local communities

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

Gender balance is explicitly considered and effectively 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

34 / 102 / 204 /

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

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	Good
UNESCO (other sectors/field offices)	Good

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	Good
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	Good
National Commission for UNESCO	Not applicable
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?

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

• **Geographic information table**

Reason for update: 46,712 hectares (Core), together with the buffer zone of 117,650 hectares (buffer)

Changes to these items will need to go through the proper processes.

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

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