

Vineyard Landscape of Piedmont: Langhe-Roero and Monferrato

1. World Heritage Property Data

1.1 - Name of World Heritage property

Vineyard Landscape of Piedmont: Langhe-Roero and Monferrato

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Langa of Barolo	44.609 / 7.964	3051	?	3051	2014
Grinzane Cavour Castle	44.652 / 7.994	7	?	7	2014
Hills of Barbaresco	44.721 / 8.088	891	?	891	2014
Nizza Monferrato and Barbera	44.796 / 8.305	2307	?	2307	2014
Canelli and Asti Spumante	44.738 / 8.25	1971	?	1971	2014
Monferrato of the Inferot	45.051 / 8.39	2561	16943	19504	2014
Total (ha)		10788	16943	27731	

1.4 - Map(s)

Title	Date	Link to source
Vineyard Landscape of Piedmont: Langhe-Roero and Monferrato - map of inscribed property	2014	

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

Comment

Web site: www.paesaggivitivinicoliunesco.it Facebook: <https://www.facebook.com/paesaggivitivinicoliUNESCO/> Instagram: <https://www.instagram.com/paesaggivitivinicoliunesco/> YouTube: <https://www.youtube.com/channel/UCtZp2rj6hiYakSABV6q4hjQ/featured> LinkedIn: <https://www.linkedin.com/company/paesaggi-vitivinicoli-unesco/>

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?

No

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?

No

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?

No

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?

Yes

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

In 2021 "Truffle hunting and extraction in Italy, traditional knowledge and practice" was inscribed on the Representative List of the Intangible Cultural Heritage. Truffle hunting is part of the Vineyard Landscape of Piedmont's culture and history. Truffle is a good that can be extracted in the whole territory of Langhe-Roero and Monferrato. The ecosystem of the wood around the search is functional to maintain biodiversity into the territory and must be protected.

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

Not aware

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

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value

Brief synthesis

The vineyard landscapes of Langhe-Roero and Monferrato in Piedmont consist of a selection of five distinct winegrowing areas and a castle, whose names evoke profound and ancient expertise in the relationship between man and his environment. They reflect a slowly developed association between a diverse range of soils, grape varieties that are often native, and suitable winemaking processes. They offer panoramas of carefully cultivated hillsides, following ancient land divisions punctuated with buildings that lend structure to the visual space: hilltop villages, castles, Romanesque churches, farms, ciabots, cellars and storehouses for cellaring and for the commercial distribution of the wine in the small towns and larger towns on the margins of the vineyards. The serial property is outstanding for its harmony, and the balance between the aesthetic qualities of its landscapes, the architectural and historical diversity of the built elements associated with the wine production activities and an authentic and ancient art of winemaking.

Criterion (iii): The cultural landscapes of the Piedmont vineyards provide outstanding living testimony to winegrowing and winemaking traditions that stem from a long history, and that have been continuously improved and adapted up to the present day. They bear witness to an extremely comprehensive social, rural and urban realm, and to sustainable economic structures. They include a multitude of harmonious built elements that bear witness to its history and its professional practices.

Criterion (v): The vineyards of Langhe-Roero and Monferrato constitute an outstanding example of man's interaction with his natural environment. Following a long and slow evolution of winegrowing expertise, the best possible adaptation of grape varieties to land with specific soil and climatic components has been carried out, which in itself is related to winemaking expertise, thereby becoming an international benchmark. The winegrowing landscape also expresses great aesthetic qualities, making it into an archetype of European vineyards.

Integrity

The integrity of the serial property is satisfactory, as it contains all the elements required for full expression of its values. Considered as a whole, its five components fully express the cultural, residential, architectural, environmental and productive complexity of this winegrowing and winemaking region. It bears witness to an ensemble of centuries-old traditions that have gradually been built up. The integrity of the nominated serial property is fully justified, and all the technical and social processes associated with grape production and winemaking, with a high degree of expertise, are properly illustrated.

Authenticity

The authenticity of the landscape elements and the many cultural elements of the serial property has been justified. The use of the soils, the built structures and the social organisation of all the stages of the winemaking process, from tending and harvesting the grapes to vinification, are an expression of continuity of ancient practices and expertise to form authentic ensembles in each component of the serial property. The Piedmont vineyard landscape is undoubtedly one of the most harmonious and most consistent with the ideal of a "scenic" rural and vineyard landscape, accentuated by the gently rolling hills that provide many vistas and panoramas with subtle nuances.

Protection and Management requirements

The property is protected under the Cultural Heritage and Landscape Code (Decree n°42 of 22 January 2004), under the responsibility of the Cultural Heritage Ministry and its regional agencies. It defines the responsibilities of the public regional and local authorities and the application procedures. The municipalities regulate and control permits for building and alterations. They do so with reference to municipal regulatory plans and urban development plans. The protection of the buffer zones has been confirmed by the Provincial Act of 30 September 2013.

The Management Association groups together the municipalities covered by the serial property and buffer zones, under the authority of the Region for the purpose of coordinating the conservation measures. This results in the implementation of precisely defined programmes, gathered together in the Management Plan. The Agreement Act embodies the commitment of each municipality and each administration to apply the protection measures and the sector conservation plans, and to actively participate in the management and enhancement of the property.

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	Wine related buildings and architecture	×			
3.2.2	Artifacts symbolic of the history of wine-growing	×			
3.2.3	Urban spaces dedicated to production and commerce	×			
3.2.4	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity	×			
3.2.5	Vineyards on hillsides	×			
3.2.6	Small parcels of land, occupying most of the cultivated agricultural area	×			

3.2.7	Cultivation in rows of vines	✕			
3.2.8	Vertical trellising and Guyot pruning technique	✕			
3.2.9	Use of local grape varieties (Nebbiolo, Moscato Bianco, Barbera)	✕			
3.2.10	Harmonious fusion between the agricultural mosaic and the settlement and infrastructure fabric	✕			
3.2.11	Roman and Medieval settlement system: commercial towns on the plains and villages in the hills and a myriad of scattered farmsteads and rural centres	✕			
3.2.12	Castles that stand out as landmarks in the landscape	✕			
3.2.13	Views and panoramas of high scenic quality	✕			
3.2.14	Viewpoints	✕			
3.2.15	Production techniques and consolidated expertise in working with grape	✕			

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

The current state of conservation of the world heritage site confirms the OUV defined during the inscription in 2014. The site is an outstanding example of one of the most ancient wine-producing regions of the world. After almost ten years from the inscription the site has evolved but the wine heritage is still preserved and developing.

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Relevant	✕ Not relevant
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4.1.2 - Commercial development

Relevant	✕ Not relevant
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4.1.3 - Industrial areas

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

Relevant	✕ Not relevant
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4.1.5 - Interpretative and visitation facilities

Relevant	✕ Not relevant
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4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

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

4.2.2 - Underground transport infrastructure

Relevant	✕ Not relevant
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4.2.3 - Air transport infrastructure

Relevant	✕ Not relevant
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4.2.4 - Marine transport infrastructure

Relevant	✕ Not relevant
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4.2.5 - Effects arising from use of transportation infrastructure

Relevant	✕ Not relevant
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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
(Related to question 4.2.1) The buffer zone of Langa of Barolo has seen the construction of an important arterial highway that will link the province of Asti and Cuneo. It is an important infrastructure that will help remove traffic from the city centers and its construction, still in progress will ensure mitigation through materials and planting.

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Relevant	✕ Not relevant
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4.3.2 - Renewable energy facilities

Relevant	✕ Not relevant
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4.3.3 - Non-renewable energy facilities

Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Relevant	✕ Not relevant
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4.3.5 - Major linear utilities

Relevant	✕ Not relevant
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4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

4.4. Pollution

4.4.1 - Pollution of marine waters

Relevant	✕ Not relevant
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4.4.2 - Ground water pollution

Relevant	✕ Not relevant
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4.4.3 - Surface water pollution

Relevant	✕ Not relevant
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4.4.4 - Air pollution

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

4.4.5 - Solid waste

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

4.4.6 - Input of excess energy

Relevant	✕ Not relevant
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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

Vineyard landscape of Piedmont includes urban areas with industrial pollution and traffic congestion that affect air quality. Solid waste is sometimes abandoned next to rivers and in rural areas. Many activities are organized by municipalities and volunteers in order to clean up those areas.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Relevant

✕ Not relevant

4.5.2 - Aquaculture

Relevant

✕ Not relevant

4.5.3 - Land conversion

Relevant

✕ Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals











Relevant

✕ Not relevant

4.5.5 - Crop production

✕ 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

Relevant

✕ Not relevant

4.5.7 - Subsistence wild plant collection

Relevant

✕ Not relevant

4.5.8 - Commercial hunting

Relevant

✕ Not relevant

4.5.9 - Subsistence hunting











Relevant

✕ Not relevant

4.5.10 - Forestry/Wood production

✕ Relevant

Not relevant

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

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

4.5.5 Crop Production In order to avoid massive monoculture in the last decade new crops and cultivation have been introduced to increase and preserve biodiversity. 4.5.10 Forestry/Wood production In recent times municipalities have given guidelines about taking care of existing small woods adjacent to vineyards as well as letting grow new ones for the benefit of the whole ecosystem.

4.6. Physical resource extraction

4.6.1 - Mining

Relevant

✕ Not relevant

4.6.2 - Quarrying

Relevant

✕ Not relevant

4.6.3 - Oil and gas

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.6.4 - Water (extraction)

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

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

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

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

4.7.4 - Radiation/Light

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

4.7.5 - Dust

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.7.6 - Water (rain/water table)

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

4.7.7 - Pests

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

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

The World Heritage Site of Vineyard Landscape of Piedmont is affected by climate change that has already shown some of its effects on the property such as the increase of temperatures, the lack of rain, extreme meteorological events, excessive light radiation, drought that affect vine cultivation and per consequence the landscape.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Relevant	✕ Not relevant
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4.8.2 - Society's valuing of heritage







Relevant	✕ Not relevant
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4.8.3 - Indigenous hunting, gathering and collecting

Relevant	✕ Not relevant
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



4.8.4 - Changes in traditional ways of life and knowledge system

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












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

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

4.8.6 - Impacts of tourism/Visitation/Recreation

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

In the last three decades the world heritage property has witnessed a rise in migration from eastern Europe and Africa that has partly changed the social environment. A consistent part of this new inhabitants has been employed in agricultural activities linked to wine. Therefore it was necessary for the collectivity to share traditions and knowledge in order to preserve the heritage and the authenticity. Referring to tourism it is both a positive and negative factor that must be addressed.

4.9. Other human activities

4.9.1 - Illegal activities

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

4.9.2 - Deliberate destruction of heritage

Relevant	✕ Not relevant
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4.9.3 - Military training

Relevant	✕ Not relevant
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4.9.4 - War

Relevant	✕ Not relevant
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4.9.5 - Terrorism

Relevant	✕ Not relevant
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4.9.6 - Civil unrest

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

The territory has presented some forms of illegal employment in agriculture that has been addressed and controlled. Nowadays the percentage of illegal work has decreased thanks to social policies.

4.10. Climate change and severe weather events

4.10.1 - Storms

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

4.10.2 - Flooding

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

4.10.3 - Drought

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

4.10.4 - Desertification

Relevant	✕ Not relevant
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4.10.5 - Changes to oceanic waters

Relevant	✕ Not relevant
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4.10.6 - Temperature change

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

4.10.7 - Other climate change impacts

Relevant	✕ Not relevant
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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 Vineyard landscape of Piedmont is subject to extreme meteorological events such as storms and flooding as a consequence of climate change. This phenomena affect the landscape and causes damage to inhabitants, crops and to the land itself. On the other hand to this extreme events we can register long periods of drought especially in summer months. Both circumstances are a risk for the preservation of the site. The association carries on activities in order to raise awareness on this topic

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

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

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.11.3 - Tsunami/Tidal wave

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

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.11.5 - Erosion and siltation/Deposition

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.11.6 - Fire (wildfire)

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.12.2 - Invasive/Alien terrestrial species

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.12.3 - Invasive/Alien freshwater species

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.12.4 - Invasive/Alien marine species

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.12.5 - Hyper-abundant species

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.12.6 - Modified genetic material

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

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

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

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













Positive 							
Negative 							

4.13.5 - Financial resources

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

4.13.6 - Human resources

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

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

4.13.7 - Low impact research/monitoring activities

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

4.13.8 - High impact research/monitoring activities

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





































The management plan and monitoring system of the Vineyard landscape of Piedmont is currently part of an updating project that will take place in the following two years. Human resources are necessary for a positive development of the site. The human resources are the link between the site itself and the collectivity.

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	
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
						
4.4 Pollution						
4.4.4 Air pollution						
						
4.4.5 Solid waste						
						
4.5 Biological resource use/modification						
4.5.5 Crop production						
4.5.10 Forestry/Wood production						
4.7 Local conditions affecting physical fabric						
4.7.3 Temperature						
						
4.7.4 Radiation/Light						
						
4.7.6 Water (rain/water table)						
						

4.8 Social/Cultural uses of heritage						
4.8.4 Changes in traditional ways of life and knowledge system	+	🚧		⬆️		➡️
4.8.5 Identity, social cohesion, changes in local population and community	+	🚧		⬆️		➡️
4.8.6 Impacts of tourism/Visitation/Recreation	+	🚧		⬆️		↗️
	-	🚧		⬆️		↗️
4.9 Other human activities						
4.9.1 Illegal activities						
	-	🚧		⬆️		↘️
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						
	-	🚧		⬆️	↻️	↗️
4.13 Management and institutional factors						
4.13.4 Management activities	+	🚧		⬆️		↗️
4.13.6 Human resources	+	🚧		⬆️		➡️
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

4.2 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 - Occurence 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
4.4.4 Air 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

Name	Impact	Origin	Trend
4.4.5 Solid waste			
			

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

✕	Insignificant
	Minor
	Significant
	Major




Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

✕	Decreasing
	Static
	Increasing

4.5 Biological resource use/modification

Name	Impact	Origin	Trend
4.5.5 Crop production			

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
4.5.10 Forestry/Wood production						

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
4.7.3 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
4.7.4 Radiation/Light						
						

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
4.8.4 Changes in traditional ways of life and knowledge system	 		




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

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

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




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
X	Medium capacity
	Low capacity

	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

4.13 Management and institutional factors

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
4.13.6 Human resources	<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

4.17. 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

The Vineyard landscape is a serial inscription made of six components. All components are affected in the same way by climate change (raising temperatures, floods, drought, ecc...). On the other hand tourism is concentrated in the components 1,2 and 3 that therefore have to pay a particular attention in making it sustainable. The actions contained in the management plan are relevant for the whole territory. The same importance is applied to human resources.

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	Wine related buildings and architecture	×			
4.18.1.2	Soils rich in mineral elements	×			
4.18.1.3	Vineyards on hillsides	×			
4.18.1.4	Cultivation in rows of vine (girapoggio)	×			
4.18.1.5	Use of local grapes varieties	×			

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

Buffer zones are fundamental for the preservation of the whole site. In the following years the world heritage site intends to operate a minor boundary modification with the inclusion of the Roero area that includes 18 municipalities.

5.2. Protective Measures

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

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

2017 / Regional Landscape plan - Piano Paesaggistico Regionale / Piedmont Region /
<https://www.regione.piemonte.it/web/temi/ambiente-territorio/paesaggio/piano-paesaggistico-regionale-ppr>

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 **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

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

The Regional landscape plan focuses on piedmont's regional politics. It's a plan to understand, to protect and promote as a result of the collaboration with the Ministry of Culture. The Regional landscape plan, signed in Rome on 14 march 2017, is an instrument of protection and conservation of the piedmontese landscape.

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

5.3. Management System/Management Plan

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

Public management system joint regional/local

If 'Other', please specify

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

A management plan

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

5.3.4 - Management Documents

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?

The policy for dealing with climate change is **fully based** on the agreed World Heritage policy

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:

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 **fully adequate** to maintain the property's Outstanding Universal Value

5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

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

An annual work/action plan **exists** and all of its activities are being implemented and monitored

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	Youth				

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

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

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

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

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

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

The projects included in the current management system have been fully achieved therefore the world heritage site is working on a new management plan.

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

6. Financial and Human Resources

6.1. Funding

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

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	50 %	50 %
6.1.1.7	Governmental (regional/provincial/state)	20 %	20 %
6.1.1.8	Governmental (local/municipal)	20 %	20 %
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.)	0 %	0 %
6.1.1.12	Other	10 %	10 %
		Total 100 %	Total 100 %

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

Other forms of funding includes privates banking foundations and private companies and individuals.

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

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	80 %	0 %
6.1.6.2	Women	20 %	0 %
		Total 100 %	Total 0 %

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

Human resources are adequate for management needs

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

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

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

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

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

Training and capacity building at this property is **fully based** on 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 fully implemented; **all technical skills are being transferred** to those managing the property locally

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** widely **with active outreach** to local communities and national and international audiences

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

The World Heritage Site carries on several projects that have an impact on communities. The result studies of each project are published and available on the dedicated web site and therefore accessible for the whole community.

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	Good
Local/municipal authorities	Good
Indigenous peoples	Not applicable
Landowners	Good
Women	Good
Youth/children	Good
Researchers	Good
Local visitors	Good
National/international tourists	Good
Tourism industry	Good
Local businesses and industries	Good
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	no

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

There is a **planned and effective education and awareness programme** for children and youth that contributes to the protection of the World Heritage property

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

Local communities
Local/municipal authorities
Landowners
Women
Youth/children

Researchers
Local businesses and industries
NGOs

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

Visitor centre	Good
Site museum	Good
Information booths	Good
Guided tours	Good
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Good
Transportation facilities	Fair
Other	Not needed
If 'Other' is selected, please specify	no

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

In relation to education, information and awareness building the world heritage site is carrying on an important action of communication both online and offline.

9. Visitor Management

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

1.400.000 visitors / 1.100.000 visitors / 590.000 visitors / 1.200.000 visitors / 1.200.000 visitors /

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

Entry tickets and registries
Accommodation establishments
Transportation services
Tourism industry
Visitor surveys
Other
credit cards

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

Two overnight stays

9.4 - Please provide the source of information

The informations are provided by the Piedmont Region Tourism Board, Visit Piemonte. All data are available on their web site.

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

200 / 150 / 50 / 20 / 100 / 100 /

9.6 - Please provide the source of information

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

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

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

Every year since the recognition the amount of tourists has increased therefore it is necessary to improve the coordination between local authorities and tourism management services.

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

Visitor use of the World Heritage property is managed but improvements could be made

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

The effectiveness of tourism management is regularly monitored by the regional entity Visit Piemonte.

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?

No fees are collected

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Projects

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

Yes

If 'Yes', please specify

Economic and social benefits

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 **comprehensive, integrated programme of monitoring**, which is relevant to management needs and/or improving understanding of the Outstanding Universal Value

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

Information on the values of the World Heritage property is **adequate and key indicators have been defined** for measuring the state of conservation and **are being used in monitoring** of how the Outstanding Universal value of the property is being maintained

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

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

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Good
Local communities	Good
Indigenous peoples	Not applicable
Landowners	Good
Women	Good
Researchers	Good

Tourism industry	Good
Local businesses and industry	Good
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	no

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

Implementation is complete

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

5.3	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						✕
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property						✕
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						✕
9	Visitor Management						
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation						✕
9.9	Visitor use of the World Heritage property is managed but improvements could be made						✕

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

4.4	Pollution						
4.4.4	Air pollution	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity and temperature continental climate	Logistics measures undertaken in order to reduce intensive traffic on the hilltops. Reduction of pesticides use in cultivations.	Data analysis	Medium terms	The world heritage site in collaboration with Universities and consortiums and category associations.	The improvement of air quality is an objective for the territory.
4.4.5	Solid waste	Vineyards on the hill's sides	Awareness raising on environmental issues and waste management in schools and local communities	Local projects promoted by municipalities, civil protection or group activities such as "plogging" which means jogging and collecting waste at the same time.	Short - medium term	Local communities and administrations.	The elimination of the effects of solid waste abandonment is an important field of action to preserve the integrity of the world heritage management.
4.7	Local conditions affecting physical fabric						
4.7.3	Temperature	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity and temperature continental climate	Awareness raising on environmental issues and climate change in schools and local communities	Installation of monitoring systems in the vineyards.	Medium - long term	The world heritage site in collaboration with Universities	The adaptation and mitigation of the effects of climate change are an important field of action for the world heritage management.

4.7.4	Radiation/Light	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity, vineyards on hillsides, production and cultivation techniques	Adaptation in vine cultivation practices.	Grape monitoring	Medium - Long term	Landowners and categories associations.	The raising level of radiations and light directly affects the vine growing and the quality and alcohol level of the final product.
4.7.6	Water (rain/water table)	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity, vineyards on hillsides, production and cultivation techniques	Important actions towards better use and collection of water as well as a better Tanaro river environment management.	Meteorological monitoring	Medium - long term	Researchers, universities, national and regional meteorological centers	The region is currently working on regulation of water collection in big basins as well as preserving the river ecosystem.
4.8	Social/Cultural uses of heritage						
4.8.6	Impacts of tourism/Visitation/Recreation	Vernacular buildings and architecture, urban spaces dedicated to production and commerce, vineyards on hillsides and Viewpoints.	The promotion of sustainable mobility, creation of parking lots, public transportation lines and awareness raising about respecting nature, responsibility of tourists as custodians of the territory as well as inhabitants.	Collaboration with regional tourism boards.	Medium term	The World Heritage site in collaboration with regional and local tourism authorities.	In high season hilltop villages register a large amount of visitors and sometimes there is a lack of management capacity.
4.10	Climate change and severe weather events						
4.10.1	Storms	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity, vineyards on hillsides, cultivation in rows of vines, use of local grapes varieties, quality of the wine product	Awareness raising on environmental issues and climate change in schools and local communities in order to promote a mitigation and adaptation of habits and cultivation techniques.	Data analysis, meteorological stations.	Medium and long term	Arpa Piemonte, the regional authority about meteorological data.	With the raising of temperature due to climate change, the extreme meteorological events are more and more frequent: rain, wind and hail storms damage vine plants, affecting harvest.
4.10.2	Flooding	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity, vineyards on hillsides, cultivation in rows of vines, use of local grapes varieties, quality of the wine product and Urban spaces.	Awareness raising on environmental issues and climate change in schools and local communities in order to promote a mitigation and adaptation of habits and cultivation techniques. It is also important to act on a better water management of rivers.	Data analysis, meteorological stations and civil protection.	Medium and long term.	Arpa Piemonte, the regional authority about meteorological data and the civil protection. The world heritage site can work on the sensitization side.	With the raising of temperature due to climate change, the extreme meteorological events are more and more frequent: rain, wind and hail storms damage vine plants, affecting harvest.
4.10.3	Drought	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity, vineyards on hillsides, cultivation in rows of vines, use of local	Awareness raising on environmental issues and climate change in schools and local communities in order to promote a mitigation and adaptation of habits and cultivation techniques. Important actions towards better water management.	Data analysis, meteorological stations.	Data analysis, meteorological stations.	Arpa Piemonte, the regional authority about meteorological data and the civil protection. The world heritage site can work on the sensitization side.	With the raising of temperature due to climate change, the extreme meteorological events are more and more frequent: rain, wind and hail storms damage vine plants, affecting harvest. Life in urban spaces become difficult because of the heat.

		grapes varieties, quality of the wine product and Urban spaces.					
4.10.6	Temperature change	Soils poor in organic matter but rich in mineral elements and with adequate water retention capacity, vineyards on hillsides, cultivation in rows of vines, use of local grapes varieties, quality of the wine product and Urban spaces.	Awareness raising on environmental issues and climate change in schools and local communities in order to promote a mitigation and adaptation of habits and cultivation techniques.	Data analysis, meteorological stations and sensors installed by the world heritage site.	Medium and long term.	Arpa Piemonte, the regional authority about meteorological data and the civil protection. The world heritage site can work on the sensitization side.	With the raising of temperature due to climate change, the extreme meteorological events are more and more frequent: rain, wind and hail storms damage vine plants, affecting harvest. Life in urban spaces become difficult because of the pollution.

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	Each municipalities has received the regional guidelines for the regulator building plans required for the protection of the site. The world heritage site carries on a sensitization work on citizens and administrators.	Medium and long term.	Region, the world heritage site and municipalities.	Each municipality is called to adapt and adjust their regulator plan according to the new guidelines.
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	Important actions of maintenance of the property has been carried on by the civil protection in the framework of the world heritage site project on climate change.	Medium term.	The world heritage sites and the civil protection.	In collaboration with civil protection the world heritage site act for the deployment of a risk reduction strategy.

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	Budget is acceptable but could be further improved through a better public-private partnerships for fundings.	Short term.	The World Heritage sites and various funding stakeholders.	In order to develop new projects and to make them sustainable the world heritage sites needs to create partnerships, resource mobilizations and new innovative fundraising methods

9	Visitor Management				
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	There is a strategy but collaboration with local and regional tourism boards could be improved. for a sustainable tourism.	Short term.	The world heritage site and tourism boards and visitors.	Due to the large amount of visitors that each year visit the world heritage site a strong partnership with the tourism board is required.

9.9	Visitor use of the World Heritage property is managed but improvements could be made	There is a strategy but collaboration with local and regional tourism boards could be improved for a better fruition of the World Heritage Property.	Short term.	The world heritage site and tourism boards and visitors.	Due to the large amount of visitors that each year visit the world heritage site a strong partnership with the tourism board is required.
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Summary - Management Needs completed

12.3. Conclusions on the State of Conservation of the Property

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

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

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

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

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

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

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

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

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

13. Impact of World Heritage Status

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

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

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

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

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

State Party	Good
Site Managers	Good
UNESCO World Heritage Centre	Good
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Good

15.2. Use of Data

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

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

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

15.3. Timing and resources

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

Governmental institutions responsible for cultural and natural heritage
Site Manager/Coordinator World Heritage property staff
Focal points of other international conventions/programmes
Local communities

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

Gender balance has been **explicitly considered** in the process **but there are still deficiencies in the implementation**.

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

10 / 20 / 30 /

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?

All 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)	Not applicable
National Commission for UNESCO	Good
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable
IUCN International	Not applicable

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

Yes

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

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

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

No item were proposed for update

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

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

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