The Dolomites

1. World Heritage Property Data

1.1 - Name of World Heritage property

The Dolomites

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Pelmo-Croda da Lago	46.448 / 12.114	4343.57	2427.252	6770.822	2009
Marmolada	46.432 / 11.856	2207.53	577.953	2785.483	2009
Pale di San Martino San Lucano – Dolomiti Bellunesi – Vette Feltrine	46.248 / 11.994	31665.7	23668.939	55334.639	2009
Dolomiti Friulane e d'Oltre Piave	46.347 / 12.504	21460.63	25027.641	46488.271	2009
Dolomiti Settentrionali Cadorine, Sett Sass	46.613 / 12.163	53585.968	25182.289	78768.257	2009
Puez-Odle / Puez-Geisler / Pöz-Odles	46.604 / 11.807	7930.337	2863.546	10793.883	2009
Sciliar-Catinaccio	46.454 / 11.603	9302.098	4770.689	14072.787	2009
Rio delle Foglie	46.36 / 11.421	271.6	547.408	819.008	2009
Dolomiti di Brenta	46.164 / 10.903	11135.442	4201.045	15336.487	2009
Total (ha)		141902.875	89266.762	231169.637	

Comment

The denomination of the 9 CS of the WHS "The Dolomites" needs to be updated as follows, in conformity to what is reported in the maps acquired by WHC. 1. Pelmo, Croda da Lago 2. Marmolada 3. Pale di San Martino, San Lucano, Dolomiti Bellunesi, Vette Feltrine 4. Dolomiti Friulane e d'Oltre Piave 5. Dolomiti settentrionali/Nördliche Dolomiten 6. Puez-Odle/Puez-Geisler 7. Sciliar-Catinaccio, Latemar/Schlern-Rosengarten, Latemar 8. Bletterbach 9. Dolomiti di Brenta. The other data is confirmed.

1.4 - Map(s)

Title	Date	Link to source
The Dolomites - inscribed zones	2009	æ

Comment

The Foundation is producing the updated cartography, to comply with the technical specifications from WHC, ref. note CLT/WHC/NOM/22/151. The changes do not concern the perimeters of the core and buffer areas. Please note that the overall map of the serial Site at the link: https://whc.unesco.org/document/102556 is inaccurate, as the perimeters of System 1 do not correspond to those of the single component site.

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

1. Dolomiti Unesco

Comment

Please add the URL of official social media pages FACEBOOK: https://www.facebook.com/DolomitesUNESCO INSTAGRAM: https://www.instagram.com/dolomitesunesco/ TWITTER: https://twitter.com/DolomitesUNESCO YOUTUBE:

https://www.youtube.com/channel/UCz8O1t10FwDOt7UIBNcgDRg Please note that The Dolomites WHS is not currently participating in "OUR PLACE the World Heritage collection" by providing official photographic material.

- 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) is not 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)		×

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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	

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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)

Participation since 2018 to the Coordination board for UNESCO Sites in Veneto, which groups all the World Heritage and Intangible Cultural Heritage Sites of Veneto Region. The meetings provide continuous interaction of Site Managers and the organisation of collective valorisation initiatives. There are active collaboration initiatives with the Adamello Brenta Natural Park – Geopark and with the Biosphere Reserve (MAB) "Alpi Ledrensi e Judicarie" and with other WHS, such as Wadden Sea.

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

Alpinism (2019)

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

The nine components of The Dolomites World Heritage property protect a series of highly distinctive mountain landscapes that are of exceptional natural beauty. Their dramatic vertical and pale coloured peaks in a variety of distinctive sculptural forms is extraordinary in a global context. This property also contains an internationally important combination of earth science values. The quantity and concentration of highly varied limestone formations is extraordinary in a global context, whilst the superbly exposed geology provides an insight into the recovery of marine life in the Triassic period, after the greatest extinction event recorded in the history of life on Earth. The sublime, monumental and colourful landscapes of the Dolomites have also long attracted hosts of travellers and a history of scientific and artistic interpretations of its values.

Criterion (vii): The Dolomites are widely regarded as being among the most attractive mountain landscapes in the world. Their intrinsic beauty derives from a variety of spectacular vertical forms such as pinnacles, spires and towers, with contrasting horizontal surfaces including ledges, crags and plateaux, all of which rise abruptly above extensive talus deposits and more gentle foothills. A great diversity of colours is provided by the contrasts between the bare pale-coloured rock surfaces and the forests and meadows below. The mountains rise as peaks with intervening ravines, in some places standing isolated but in others forming sweeping panoramas. Some of the rock cliffs here rise more than 1,500 m and are among the highest limestone walls found anywhere in the world. The distinctive scenery of the Dolomites has become the archetype of a "dolomitic landscape". Geologist pioneers were the first to be captured by the beauty of the mountains, and their writing and subsequent painting and photography further underline the aesthetic appeal of the property.

Criterion (viii): The Dolomites are of international significance for geomorphology, as the classic site for the development of mountains in dolomitic limestone. The area presents a wide range of landforms related to erosion, tectonism and glaciation. The quantity and concentration of extremely varied limestone formations is extraordinary in a global context, including peaks, towers, pinnacles and some of the highest vertical rock walls in the world. The geological values are also of international significance, notably the evidence of Mesozoic carbonate platforms, or "fossilized atolls", particularly in terms of the evidence they provide of the evolution of the bio-constructors after the Permian/Triassic boundary, and the preservation of the relationships between the reefs they constructed and their surrounding basins. The Dolomites also include several internationally important type sections for the stratigraphy of the Triassic Period. The scientific values of the property are also supported by the evidence of a long history of study and recognition at the international level. Taken together, the combination of geomorphological and geological values creates a property of global significance.

Integrity

The nine component parts that make up the property include all areas that are essential for maintaining the beauty of the property and all or most of the key interrelated and interdependent earth science elements in their natural relationships. The property comprises parts of a national park, several provincial nature parks and Natura 2000 sites, and a natural monument. Buffer zones have been defined for each component part to help to protect it from threats from outside its boundaries. The natural landscapes and processes that are essential to maintaining the property's values and integrity are in a good state of conservation and largely unaffected by development.

Management and protection requirements

As a serial property, the Dolomites require an adequately resourced, inter-provincial governance arrangement that ensures all five provinces with territory in the property are bound together within a common management system, and with an agreed joint management strategy and a monitoring and reporting framework for the property as a whole. Common policies and programmes for the management of public use and the presentation of the property are also required for the property and its buffer zones. The property requires protection from tourism pressures and related infrastructure. Each of the component parts of the serial property requires its own individual management plan, providing not only for the protection and management of land use, but also the regulation and management of human activities to maintain its values, and in particular to preserve the qualities of its natural landscapes and processes, including extensive areas which still have wilderness character. Areas that are subject to more intensive visitation need to be managed to ensure visitor numbers and activities are within the capacity of the property in relation to the protection of both its values and the experience of visitors to the property. Adequate resources and staffing, and coordination between the staff teams in the different components of the property are also essential.

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Comment

In addition to section "Management and protection requirements" please note that: The Dolomites UNESCO Foundation (set up 13.05.2010) in cooperation with local authorities, guarantees efficient management within the administrative framework governing the Dolomites region. Its structure is based on five inter-regional/provincial Operating Networks that work on specific themes associated with the management of the Property. The networks will ensure uniform levels of knowledge and management.

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	Morphological variety: The intrinsic beauty of the dolomitic landscape derives from a variety of spectacular vertical forms such as pinnacles, spires, and towers, with contrasting horizontal surfaces including ledges, crags, and plateaux, all of which rise abruptly above extensive talus deposits and more gentle foothills.	×			
3.2.2	Colour contrast: The great diversity of colours is provided by the contrasts between the bare pale-coloured rock surfaces and the forests and meadows below. The visual impact of these mountains is amplified by a fascinating natural phenomenon, the Alpenglow, known locally as Enrosadira. As the day wears on, the unique structure and limestone composition of the rock walls react to the changing light patterns, taking on warm shades of orange, red and purple.	×			
3.2.3	Landscape units: The distinctive scenery of the Dolomites has become the archetype of a "dolomitic landscape", which can be separated into its main landscape units in order to emphasise those elemental features that are most recurrent and recognisable throughout the region. These landscape units are the product of the intimate relationship between its genetic and geological origins, its morphological structure, and the nature of its topsoil. This is a dynamic landscape whose aspect is dependent upon both natural and human factors.	×			
3.2.4	Triassic Stratigraphic Record: the Dolomites include several internationally important type sections for the stratigraphy of the Triassic Period.	×			
3.2.5	Exposure and preservation of Mesozoic Carbonate platforms: The geological values are also of international significance, notably the evidence of Mesozoic carbonate platforms, or "fossilized atolls", particularly in terms of the evidence they provide of the evolution of the bio-constructors after the Permian/Triassic boundary, and the preservation of the relationships between the reefs they constructed and their surrounding basins.	×			
3.2.6	Geomorphological diversity: The area presents a wide range of landforms related to erosion, tectonism, and glaciation. The quantity and concentration of extremely varied limestone formations is extraordinary in a global context, including peaks, towers, pinnacles, and some of the highest vertical rock walls in the world.	×			
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 (31/07/2014):

Not relevant

Delevent	W. C. C. C.
Relevant	X Not relevant

4.1.2 - Commercial development

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant	X Not relevant

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4.1.3 - Industrial areas

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (31/07/2014):

• Relevant, Negative, Potential, Outside

¥ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	№ Decreasing	→ Stable	Increasing
Positive							
Negative X	×	×		×			7

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (31/07/2014):

• Relevant, Positive, Potential, Outside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	© Outside	▶ Decreasing	→ Stable	Increasing
Positive X	×	×	×	×			1
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

In reference to 4.1.4, the main negative impact is caused by the potential expansion of ski areas and the construction of related infrastructures. Tourist infrastructures can have a significant effect inside the buffer area and their further development could impact the attributes connected to landscape values. The result is that the anthropic load would increase in areas where human activities are already close to the limit for over-capacity.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (31/07/2014):

Not relevant

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	Outside	→ Decreasing	→ Stable	Increasing
O Positive							
		×		×			1

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (31/07/2014):

• Relevant, Negative, Current, Outside

Relevant	× Not relevant

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4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (31/07/2014):

Not relevant

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	Current	Potential	Inside	© Outside	→ Decreasing	→ Stable	Increasing	
O Positive								
Negative X	×		×	×		→		

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 (31/07/2014):

Not relevant

Relevant X Not relevant

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (31/07/2014):

• Relevant, Negative, Current, Potential, Outside

X Relevant		Not relevant					
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	© Outside	▶ Decreasing	⇒ Stable	Increasing
O Positive							
○ Negative X	×	×		×		→	

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.3.4 - Localised utilities

Previous answer Cycle 2 (31/07/2014):

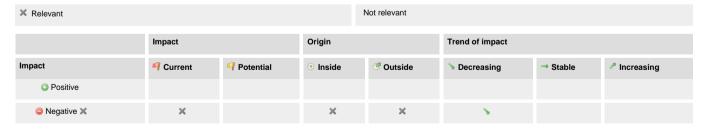
Not relevant

Relevant X Not relevant

4.3.5 - Major linear utilities

Previous answer Cycle 2 (31/07/2014):

• Relevant, Negative, Current, Inside, Outside



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 (31/07/2014):

Not relevant

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Relevant × Not relevant 4.4.2 - Ground water pollution Previous answer Cycle 2 (31/07/2014): Not relevant Relevant × Not relevant 4.4.3 - Surface water pollution Previous answer Cycle 2 (31/07/2014): Not relevant Relevant × Not relevant

4.4.4 - Air pollution

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant × Not relevant

4.4.5 - Solid waste

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant × Not relevant

4.4.6 - Input of excess energy

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant

× Not relevant

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

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant × Not relevant

4.5.2 - Aquaculture

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant × Not relevant

4.5.3 - Land conversion

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant × Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (31/07/2014):

Not relevant

✗ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	© Outside	▶ Decreasing	⇒ Stable	Increasing
O Positive 🗶	×		×	×	S		
Negative							

4.5.5 - Crop production

Previous answer Cycle 2 (31/07/2014):

Not relevant

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Relevant	X Not relevant
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4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.5.8 - Commercial hunting

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (31/07/2014):

• Relevant, Positive, Current, Outside

× Relevant		Not relevant					
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	Outside	▶ Decreasing	→ Stable	Increasing
O Positive 🗶	×			×		\rightarrow	
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

In reference to 4.5.4, the activities connected to pastoralism and agriculture guarantee the unity of the landscape, thanks to the maintenance of meadows and pastures, in contrast with the forest expansion towards the valley. The slow abandonment of these practices could eventually compromise the components of the dolomitic landscape – particularly in buffer areas. In reference to 4.5.10, large scale actions taken in the forests, following the Vaia storm, have had a positive impact on the Site

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.6.2 - Quarrying

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.6.3 - Oil and gas

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.6.4 - Water (extraction)

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

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 (31/07/2014):

Not relevant

Relevant X Not relevant

4.7.2 - Relative humidity

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.7.3 - Temperature

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.7.4 - Radiation/Light

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.7.5 - Dust

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.7.7 - Pests

Previous answer Cycle 2 (31/07/2014):

Not relevant

4.7.8 - Micro-organisms

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

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

In reference to 4.7.7, please note that the Vaia storm (2018), in addition to causing extensive direct damage, has created the conditions for the spread of the bark beetle, which naturally inhabits spruce forests in the Alps. The presence of many damaged plants has allowed the population to grow from an endemic to an epidemic scale, destined to last for some years. The vast groups of dehydrated plants appear in the landscape with foliage changing abruptly from green to yellow, to rust red.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (31/07/2014):

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Relevant X Not relevant

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (31/07/2014):

• Relevant, Negative, Potential, Outside

× Relevant			Not relevant				
	Impact	Impact		Origin		Trend of impact	
Impact	Current	Potential	Inside	G Outside	▶ Decreasing	⇒ Stable	Increasing
O Positive X	×			×			,
Negative X	×			×		\rightarrow	

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

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

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (31/07/2014):

• Relevant, Positive, Negative, Current, Potential, Inside, Outside

★ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	Outside	№ Decreasing	→ Stable	Increasing
O Positive 🗶	×	×		×			-
Negative X	×	×		×			1

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 reference to 4.8.6, please note that the situation is very different between the 9 Systems of the WHS. The impact of tourism and the anthropic pressure has a negative impact on the carrying capacity of some Systems (2,5,6,7), which is close to overcapacity—ref. IUCN Outlook 2020. However, in the less touristic areas (4,8), the increasing visitors have a positive effect in terms of dissemination and valorisation of the WHS, with positive effects on the community.

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.9.3 - Military training

Previous answer Cycle 2 (31/07/2014):

Not relevant

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Relevant X Not relevant

4.9.4 - War

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.9.5 - Terrorism

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.9.6 - Civil unrest

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X 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 (31/07/2014):

Not relevant

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	Current	Potential	Inside	© Outside	▶ Decreasing	⇒ Stable	Increasing	
O Positive								
○ Negative X	×	×		×			P	

4.10.2 - Flooding

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.10.3 - Drought

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.10.4 - Desertification

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.10.6 - Temperature change

Previous answer Cycle 2 (31/07/2014):

• Relevant, Negative, Current, Potential, Outside



Positive					
Negative	×		×		/

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (31/07/2014):

• Relevant, Negative, Current, Potential, Outside

★ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	→ Decreasing	→ Stable	Increasing
O Positive							
Negative X	×	×	×	×			1

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

In ref. to 4.10.7, the impacts due to the progressive melting of glaciers and permafrost have a particular importance on the WHS (ref. Outlook IUCN 2020). Generally, the negative impact connected to "Climate change and severe weather events" is found in the increasing intensity of atmospheric events. In ref. to 4.10.2, the increasing intensity of exceptional precipitations concentrated in brief moments, which influence the hydrological characteristics of the terrain, are a potential threat.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant	* Not relevant
Relevant	Not relevant

4.11.2 - Earthquake

Previous answer Cycle 2 (31/07/2014):

Not relevant

Polovont	X Not relevant
Relevant	X Not relevant

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (31/07/2014):

Not relevant

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

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (31/07/2014):

• Relevant, Negative, Current, Potential, Inside, Outside

Relevant	X Not relevant

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant	X Not relevant

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant	X 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 (31/07/2014):

Not relevant

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4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant X Not relevant

4.12.6 - Modified genetic material

Previous answer Cycle 2 (31/07/2014):

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 X	×			×			•
Negative							

4.13.2 - Legal framework

× Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	G Outside	▶ Decreasing	→ Stable	Increasing
O Positive 🗶	×			×		→	
Negative							

4.13.3 - Governance

× Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	© Outside	▶ Decreasing	⇒ Stable	Increasing
O Positive 🗶	×	×		×			P
Negative							

4.13.4 - Management activities

Previous answer Cycle 2 (31/07/2014):

• Relevant, Positive, Current, Inside, Outside

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X Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	G Current	Potential	Inside	Outside	▶ Decreasing	⇒ Stable	Increasing
O Positive X	×			×		\rightarrow	
Negative							

4.13.5 - Financial resources

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

4.13.6 - Human resources

※ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	▶ Decreasing	→ Stable	Increasing
Positive X	×	×		×			7
Negative							

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (31/07/2014):

• Relevant, Positive, Current, Potential, Inside, Outside

× Relevant		Not relevant							
	Impact Origin				Trend of impact				
Impact	Current	Potential	Inside	© Outside	▶ Decreasing	⇒ Stable	Increasing		
Positive X	×	×		×			•		
Negative									

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (31/07/2014):

Not relevant

Relevant	X 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)

Big events are among the factors that could generate direct and indirect impacts on the WHS in the short/medium time frame. In particular, the Milano-Cortina 2026 Winter Olympics will interest numerous locations in the Dolomites WHS, with the construction of new infrastructure and the adaptation and expansion of existing ones located outside the buffer area.

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact		Origin		Trend	
4.1 Buildings and Development 4.1.4 Major visitor accommodation and associated infrastructure						
		9	q		F	<i>P</i>
4.1.5 Interpretative and visitation facilities	•	9	q	•	Œ	-

4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
			q		F	<i>p</i>
4.2.5 Effects arising from use of transportation infrastructure						
		q		•	F	→
4.3 Services Infrastructures						
4.3.2 Renewable energy facilities						
			A		(E	→
4.3.5 Major linear utilities		•	·		4	
		A		@	₹	
4.5 Biological resource use/modification		-1		G	G	•
4.5.4 Livestock farming/Grazing of domesticated animals	©	q		۵	(E	<u> </u>
4.3.4 Livestock familing/Grazing of domesticated animals		4		()	Ġ.	31
		_				
4.5.10 Forestry/Wood production	•	4			G	→
4.7 Local conditions affecting physical fabric						
4.7.7 Pests						
		4		•	(-
4.8 Social/Cultural uses of heritage						
4.8.2 Society's valuing of heritage	O	P			G	P
		9			(\rightarrow
4.8.6 Impacts of tourism/Visitation/Recreation	O	P	9		(1
		9	9		F	<i>P</i>
4.10 Climate change and severe weather events						
4.10.1 Storms						
		9	9		Œ	<i>P</i>
4.10.6 Temperature change						
		q			Œ	<i>></i>
4.10.7 Other climate change impacts						
		q	q	()	Œ	<i>P</i>
4.13 Management and institutional factors						
4.13.1 Management system/Management plan	O	q			Œ	-
4.13.2 Legal framework	O	q			Œ	\rightarrow
4.13.3 Governance	O	q	9		G	<i>></i>
4.13.4 Management activities	©	q			G	\Rightarrow
4.13.5 Financial resources	©	q			<i>(</i> ₽	
- Too - mandai 165001065		-1			3	
4.12.6 Human recourses		m ⁿ	<i>(</i> 2)		<i>(</i> ₽	7
4.13.6 Human resources	•	A	9		Ġ.	

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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

Localised

Name		Impact		Origin			Trend	
	or visitor accommodation and associated infrastructure							
			q	9		G	<i>p</i>	
Spatial s	cale - Area affected by the factor							
×	Restricted							
	Localised							
	Extensive							
	Widespread							
Tempora	scale - Occurence of the impact							
	One off or rare							
×	Intermittent or sporadic							
	Frequent							
	On-going On-going							
Impact -	mpact on the attributes							
	Insignificant							
×	Minor							
	Significant							
	Major							
Managen	nent response - Capacity of management to respond							
	High capacity							
×	Medium capacity							
	Low capacity							
	No capacity and / or resources							
Trend - D	evelopement over the last 6 years							
	Decreasing							
	Static							
×	Increasing							
Name		Impact			Origin		Trend	
4.1.5 Inte	rpretative and visitation facilities	•	9	9	•	G	1	
Spatial s	cale - Area affected by the factor							
	Restricted							

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	Extensive
×	Widespread
Temporal s	icale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
	Static
×	Increasing

4.2 Transportation Infrastructure

Name		Impact	:		Origin		Trend
4.2.1 Gro	4.2.1 Ground transport infrastructure						
				9		G	1
Custial	ale - Area affected by the factor						
Spatiai sc	ale - 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 On-going						
Impact - I	mpact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Managem	ent response - Capacity of management to respond						

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×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
	Static
×	Increasing

4.2.5 Effects arising from use of transportation infrastructure	Name	Impact			Origin		Trend		
	4.2.5 Effects arising from use of transportation infrastructure								
			9		•	F	\rightarrow		

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

4.3 Services Infrastructures

Name	Impact		Origin		Trend	
4.3.2 Renewable energy facilities						
		q	9		(\rightarrow

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Spatial sca	le - Area affected by the factor					
×	Restricted					
	Localised					
	Extensive					
	Widespread					
Temporal s	cale - Occurence of the impact					
×	One off or rare					
	Intermittent or sporadic					
	Frequent					
	On-going					
Impact - Im	pact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - De	velopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					
Name	linear utilities	Impact		Origin		Trend
4.3.3 Wajoi	iniea utilities		q	@	(E	•
			7		G	20
Spatial sca	le - Area affected by the factor					
×	Restricted					
	Localised					
	Extensive					
	Widespread					
Temporal s	cale - Occurence of the impact					
×	One off or rare					
	Intermittent or sporadic					
	Frequent					
	On-going					
Impact - Im	pact on the attributes					
	Insignificant					
×	Minor					

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Significant

	Major
Manageme	nt response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
×	Decreasing
	Static
	Increasing

4.5 Biological resource use/modification

Name		Impact		Origin		Trend
4.5.4 Livest	4.5.4 Livestock farming/Grazing of domesticated animals		9	•	Œ	•
Spatial sca	le - Area affected by the factor					
×	Restricted					
	Localised					
	Extensive					
	Widespread					
Temporal s	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going On-going					
Impact - Im	pact on the attributes					
	Insignificant					
	Minor					
×	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
	High capacity					
	Medium capacity					
×	Low capacity					
	No capacity and / or resources					
Trend - Dev	velopement over the last 6 years					
×	Decreasing					
	Static					
	Increasing					

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Spatial sc	ale - 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 On-going
Impact - Ir	npact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Managem	ent response - Capacity of management to respond
	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - De	evelopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.7 Local conditions affecting physical fabric

Name		Impact		Origin		Trend
4.7.7 Pests	4.7.7 Pests					
			9	•	G	1
Spatial sca	lle - Area affected by the factor					
×	Restricted					
	Localised					
	Extensive					
	Widespread					
Temporal s	scale - Occurence of the impact					
	One off or rare					
×	Intermittent or sporadic					
	Frequent					
	On-going					
Impact - Im	pact on the attributes					

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	Insignificant
	Minor
×	Significant
	Major
Manageme	ent response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - De	velopement over the last 6 years
	Decreasing
	Static
×	Increasing

4.8 Social/Cultural uses of heritage

Name		Impact		Origin		Trend
4.8.2 Socie	4.8.2 Society's valuing of heritage		9		G	7
			q		F	\rightarrow
Spatial sca	le - Area affected by the factor					
	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal s	icale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - Im	pact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
	High capacity					
×	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - De	velopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					

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Name		Impact		Origin			Trend
4.8.6 Impac	4.8.6 Impacts of tourism/Visitation/Recreation		q	9		F	1
			q	9		F	1
Spatial sca	le - Area affected by the factor						
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
×	Frequent						
	On-going On-going						
Impact - Im	pact on the attributes						
	Insignificant						
×	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
×	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						

4.10 Climate change and severe weather events

Name		Impact			Origin		Trend
4.10.1 Stor	4.10.1 Storms						
			9	9		G	7
Spatial sca	ale - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal	scale - Occurence of the impact						
×	One off or rare						
	Intermittent or sporadic						

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	Frequent					
	On-going On-going					
Impact - Im	pact on the attributes					
	Insignificant					
	Minor					
×	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	relopement over the last 6 years					
	Decreasing					
	Static					
×	Increasing					
Name	perature change	Impact		Origin		Trend
			q		ઉ	,
			•		3	Ý
Spatial sca	le - Area affected by the factor					
	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal s	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - Im	pact on the attributes					
	Insignificant					
	Minor					
×	Significant					
Managama	Major					
Manageme ×	nt response - Capacity of management to respond High capacity					
^	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	relopement over the last 6 years					
Trong - Det	Decreasing					

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	Static
×	Increasing

Name			Impact				Trend	
4.10.7 Ot	4.10.7 Other climate change impacts							
			9	9	•	G	7	
Spatial s	cale - Area affected by the factor							
	Restricted							
×	Localised							
	Extensive							
	Widespread							
Tempora	I scale - Occurence of the impact							
	One off or rare							
	Intermittent or sporadic							
	Frequent							
×	On-going							
Impact -	Impact on the attributes							
	Insignificant							
	Minor							
×	Significant							
	Major							
Manager	nent response - Capacity of management to respond							
×	High capacity							
	Medium capacity							
	Low capacity							
	No capacity and / or resources							
Trend - D	evelopement over the last 6 years							
	Decreasing							

4.13 Management and institutional factors

Static Increasing

Name		Impact		Origin			Trend
4.13.1 Man	4.13.1 Management system/Management plan		9			Œ	-
Spatial sca	ale - Area affected by the factor						
	,						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	Temporal scale - Occurence of the impact						
	One off or rare						

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	Intermittent or sporadic		
**	Frequent		
×	On-going		
Impact	t - Impact on the attributes		
	Insignificant		
	Minor		
×	Significant		
	Major		
	pement response - Capacity of management to respond		
×	High capacity		
	Medium capacity		
	Low capacity		
	No capacity and / or resources		
Trend -	- Developement over the last 6 years		
**	Decreasing		
×	Static		
	Increasing		
Name	Impact Origin		Trend
4.13.2 L	Legal framework	G	→
Cnatial	I scale - Area affected by the factor		
Spatiai	Restricted		
	Localised		
	Extensive		
×	Widespread		
	oral scale - Occurence of the impact		
rempor	One off or rare		
	Intermittent or sporadic		
	Frequent		
×	On-going		
	t - Impact on the attributes		
•	Insignificant		
	Minor		
×	Significant		
	Major		
Manage	pement response - Capacity of management to respond		
×	High capacity		
	Medium capacity		
	Low capacity		
	No capacity and / or resources		
Trend -	- Developement over the last 6 years		

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	Decreasing						
×	Static						
	Increasing						
Name		Impact			Origin		Trend
4.13.3 Gove	ernance	O	9	9		ઉ	P
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
							_
Name	agement activities	Impact	q		Origin	Œ	Trend
4.10.4 Main	goment detrined		-,			3	
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						

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	Intermittent or sporadic			
	Frequent			
×	On-going			
	t - Impact on the attributes			
pact	Insignificant			
	Minor			
~	Significant			
×	Major			
Manage	ement response - Capacity of management to respond			
×	High capacity			
^	Medium capacity			
	Low capacity			
	No capacity and / or resources			
Town d				
rena -	- Developement over the last 6 years			
	Decreasing Static			
~				
×	Increasing			
Name		Impact	Origin Tı	rend
4.13.5 F	Financial resources	o •	G 1	p.
Cnatial	I scale - Area affected by the factor			
Opatiai	Restricted			
	Localised			
	Extensive			
×	Widespread			
	oral scale - Occurence of the impact			
Tempor	One off or rare			
	Intermittent or sporadic			
	Frequent			
×	On-going			
	t - Impact on the attributes			
×	Insignificant			
^	Minor			
	Significant			
	Significant			
Manca	Major			
	Major lement response - Capacity of management to respond			
Manage ×	Major lement response - Capacity of management to respond High capacity			
	Major Jement response - Capacity of management to respond High capacity Medium capacity			
	Major lement response - Capacity of management to respond High capacity			

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	Decreasing						
	Static						
×	Increasing						
Name		Impact			Origin		Trend
4.13.6 Hum	an resources	•	9	9		G	1
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name	impact research/monitoring activities	Impact	q	q	Origin	Œ	Trend
4.10.1 2011	input restarting activities		-,	-,		9	<u> </u>
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						

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	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	spact on the attributes
	Insignificant
	Minor
×	Significant
	Major
Manageme	ont response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - De	velopement 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	Morphological variety	×			
4.18.1.2	Landscape units	×			
4.18.1.3	Triassic Stratigraphic Record	×			
4.18.1.4	Exposure and preservation of Mesozoic Carbonate platforms	×			
4.18.1.5	Geomorphological diversity	×			

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 do not limit the ability to maintain the property's Outstanding Universal Value but they could be improved

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 do not limit the ability to maintain the property's Outstanding Universal Value but they could be improved

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).

In Italy, protection of territory and its correlated values (landscape, environment, ecology) is founded on a system of planning, regulatory and customary legislation and regulations. These act at different levels, ranging from a national to a local level and are valid on either a general or specific scale. Although the site extends over

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5 provinces and 3 regions – and is consequently governed by a complex legal system, with overlapping protected areas and various authorities responsible – it is effectively protected almost in its entirety. Four of the components are within a single province; three are on the territory of two provinces with different legal regulations; and two are on the territory of three provinces. Legal protection derives from European, national, and provincial legislation.

In the Dolomite region protection measures are founded on a common legislative base, defined by specific State law instruments. This common base consists of large number of laws, which together form the framework of protection. The legal instruments (laws pertaining to protection of nature, landscape and cultural heritage, forests, waters and the environment, land-use planning etc.) may be grouped by international, national and local level.

Existing legal protection extends to 99.8% of the property, and to 98% of the area included in buffer zones. One component part of the property is largely within a national park and most of the others are protected as provincial nature parks. Overall, 71% of the area is protected within a national park or provincial nature parks; 94% and 83% are protected as Sites of Community Importance (SCI) or Specially Protected Zones (SPZ), respectively, within the Natura 2000 network of the European Union, under its Habitats (92/43/EEC) and Birds (79/409/EEC) Directives; and 86% are protected by article 142 of the national Code of Cultural Heritage and Landscape, most recently modified in March 2008, which states that, inter alia, areas above 1,600 metres have a special level of protection. The small Rio delle Foglie/Bletterbach component is protected as a natural monument by provincial legislation. The legal complexity is also reflected in different management arrangements for the different components. Very small "unprotected" areas remain within the buffer zones as a result of efforts to link the component parts of the serial property and/or streamline (e.g. simplify) boundaries.

Selection of the most important legislation

- Conservation of natural habitats and of wild flora and fauna. Council Directive92/43/EEC of 21 May 1992 Official Journal L 206, 22/07/1992
- Code for cultural and landscape assets, Law Decree No. 42, February 22nd, 2004
- Framework law for protected areas. Law No. 394, December 6th, 2001.
- Hydro-geological restrictions. RLD 3267/1923
- Decree of Regional Government of 4th October 2002 for the Veneto Region
- Provincial Decree N° 63 of 26th October 2001 for the Provincia Autonoma di Bolzano.
- Provisions for town planning, environmental protection, public waters, transport, fire services, public works and hunting, Provincial law N° 10 of 15th December 2004 for the Provincia Autonoma di Trento
- Regulations concerning regional natural parks and reserves, Regional Law N° 42 of 30th September 1996 for the Friuli Venezia Giulia Region.

Source: Advisory Body Evaluation (2009); Nomination File; Periodic Reporting Cycle 2

Comment

Please correct "Framework law for protected areas. Law No. 394, December 6th, 2001" with year "1991" and remove "Provincial Decree N° 63 of 26th October 2001 for the Provincia Autonoma di Bolzano", as it is no longer in force. Please correct "Rio delle Foglie/Bletterbach" to "Bletterbach". Answer 5.2.2 indicates the regulatory instruments which have been complemented or updated since the nomination phase in 2009. The core national and local protective measures remain unchanged (see 5.2.8).

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

 $2017\,/$ Decree of Regional Government n.1400, August 29th 2017 for the Veneto Region /

 $2017\,/\,Regulations\ concerning\ collective\ domains,\ Law\ n.\ 68,\ November\ 20th\ 2017\ for\ the\ Veneto\ Region\ /\ November\ 20th\ 2017\ for\ the\ 2017\ for\ the\ 2017\ for\ 2017\ fo$

1996 / Regulation of "Regole", Regional Law n. 26, August 19th 1996 for the Veneto Region /

1996 / Regulations concerning regional natural parks and reserves, Regional Law N° 42 of 30th September 1996 for the Friuli Venezia Giulia Autonomous Region /

2008 / Provisions for compliance with obligations of the Fruli Venezia Giulia Region, deriving from Italy's membership in the European Community. Implementation of the directives 2006/123/CE, 92/43/CEE, 79/409/CEE, 2006/54/CE and of regulation (CE) n. 1083/2006 (Community Law 2007). Regional Law n.7, July 21st 2008 for the Friuli Venezia Giulia Autonomous Region /

2015 / Plan for conservation and development of the Dolomiti Friulane Natural Park, approved with DGR 357/2015, February 27th 2015, DPReg. n. 070/Pres. March 30th 2015, published on I Ordinary Supplement to BUR n. 15, April 15th 2015 for the Friuli Venezia Giulia Autonomous Region /

2017 / Management Plan for ZPS ZSC- IT3310001 Dolomiti Friulane, approved with DGR 1444/2017 and DPReg 214, July 22nd 2017, published on IV Ordinary Supplement n. 37, October 11th 2017 on BUR n. 41, October 11th 2017 for the Friuli Venezia Giulia Autonomous Region /

2018 / Landscape Plan for Friuli Venezia Giulia Autonomous Region, approved with D.P.R n.0111/Pres, April 24th 2018 and published on Ordinary Supplement n.25, May 9th 2018 on Official Bulletin of the Region n.19, May 9th 2018 for the Friuli Venezia Giulia Autonomous Region. /

2007 / Government of the forest and mountain territory, water courses and protected areas, Provincial Law N° 11 of 23th May 2007 for the Autonomous Province of Trento /

2008 / New Provincial Land Planning (P.U.P.), Provincial Law N° 5 of 27th May 2008 for the Autonomous Province of Trento /

2018 / Landscape and territory, Provincial Law n. 9, 2018, for Autonomous Province of Bolzano-Alto Adige /

2010 / Protective law for nature and other provisions, Provincial Law n.6, 2010 for Autonomous Province of Bolzano-Alto Adige /

1981 / Provisions and interventions for the valorisation of nature reserves, Provincial Law n. 7, 1981 for Autonomous Province of Bolzano-Alto Adige /

2014 / Sector plan for ski slopes and ski lifts, approved with DPR n. 1545 of 16/12/2014 for Autonomous Province of Bolzano-Alto Adige /

2021 / Adaptation to the National Guidelines of the documentation for the Impact Assessment in Natura 2000 sites, DPG n. 1153 of 28/12/2021 for Autonomous Province of Bolzano-Alto Adige /

1974 / DPDGP n.68 of 16/09/74 and following amendments (PN SC) for Autonomous Province of Bolzano-Alto Adige /

1977 / DPDGP n. 29/V/ls of 31/10/77 and following amendments (PN PO) for Autonomous Province of Bolzano-Alto Adige /

1980 / DPDGP n. 72/V/ls of 04/03/80 and following amendments (PN FSB) for Autonomous Province of Bolzano-Alto Adige /

1981 / DPDGP n. 103/V/81 of 22/12/1981 and following amendments (PN TC) for Autonomous Province of Bolzano-Alto Adige /

2001 / Decree of the director of the division n.2/28.1 of 15/03/2001 (BB) for Autonomous Province of Bolzano-Alto Adige /

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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?

An adequate legal framework exists for the broader setting of the World Heritage property, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property

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 approval, implementation, control and review of the laws is done through the regional and provincial institutions. Each territory has planning instruments for the strategic level and for the project level which are anchored in the EU Directive, in the national and in the local legislation.

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

The core national and local protective measures remain unchanged. The answers provided in 5.2.2 indicate the regulatory instruments which have been complemented or updated since the nomination phase in 2009. Some regulations are present in the sources mentioned in 5.2.1 (Advisory Body Evaluation (2009); Nomination File). The updates on local regulations have been provided by the local administrations who have legal competence over the protected areas.

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.

A statutory Management Plan or zoning plan for the property.
Other forms of statutory or non-statutory plans (e.g. strategic plans)
Traditional ways of management recognised by local communities and other specific groups
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 visitor/visitation management plan
An environmental management framework

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

Local authorities, (provinces and regions), with their institutional responsibilities, manage the territory in accordance with the Foundation's Management Strategy. The management plan is elaborated thanks to the involvement of all levels of competence (national, regional, provincial, municipal) involved in the protection of the World Heritage site that are confronted within the Site Manager (UNESCO Dolomites Foundation).

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Management Plan_The Dolomites	N/A	Available	2009	
Management progress Report 2013	N/A	Available	2013	

Comment

The Overall Management Strategy of the Dolomites WHS (Management Plan) doesn't appear among the official documents. The UNESCO Dolomites Foundation has sent it officially to the Ministry for the Environment with protocol n.6095, 10.03.16 and from the Focal Point to the permanent Ambassador representative for UNESCO Italy to the international organizations with protocol n.10460, 16.03.16. The document is available at: https://www.dolomitiunesco.info/en/activities/the-overall-management-strategy

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?

The 2011 Recommendation on the Historic Urban Landscape is not relevant to this property

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

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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?

No 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:
- 5.3.9 Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property?

 No 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 only partially implemented

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

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

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

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

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

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities					×
5.3.16.2	Local/Municipal authorities					×
5.3.16.3	Indigenous peoples	×				
5.3.16.4	Landowners					×
5.3.16.5	Women	×				
5.3.16.6	Youth/Children					×
5.3.16.7	Researchers					×
5.3.16.8	Local Visitors/Tourists					×
5.3.16.9	National/International tourists					×
5.3.16.10	Tourism Industry				×	
5.3.16.11	Local businesses and industries				×	
5.3.16.12	NGOs					×

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5.3.16.13	Other specific groups	×		
	If you selected 'Other specific groups', please specify			

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

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

- 5.3.18 Please provide further details on the ratings of the management system given in the table above
- 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)	10 %	0 %
6.1.1.7	Governmental (regional/provincial/state)	82 %	100 %
6.1.1.8	Governmental (local/municipal)	4 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	3 %	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.)	1 %	0 %
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

The UNESCO Dolomites Foundation has benefited from financial resources made available by the Ministry of Culture though Law 77/06 (https://www.unesco.beniculturali.it/en/information-on-the-law/) for the financial years 2009, 2011, 2014, 2015, 2016, 2017, 2018, for a total launch and conclusion of 8 projects, involving the management and enhancement of the WHS and a total funding of 424.350,00 euros.

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

The available **budget is adequate** for effective management of the World Heritage property

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

The existing sources of funding are secure over both the medium- and 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	56 %	65 %
6.1.6.2	Women	44 %	35 %
		Total 100 %	Total 100 %

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	Good
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	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	Good
Enforcement (custodians, police)	Good

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

No 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?

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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

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

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	Fair
Guided tours	Fair
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Good

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Transportation facilities	Not needed
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

14.142.802 (2021) / 15.228.765 (2020) / 22.733.043 (2019) / 22.820.264 (2018) / 18.483.309 (2017) /

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

Accommodation establishments

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 data is an estimate calculated on the sum of national/foreign tourists in the accommodation facilities in the municipalities in the core area of the WHS, for the years 2017-2021 (2022 data is not yet available). Please note: this number includes visitors who aren't solely motivated by the WHS, but by other factors as well, and that it excludes the day visitors to the Site. The average visit time is calculated on the average permanence in the Municipalities that provide this data.

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

9.6 - Please provide the source of information

Considering the vast dimension of the territory and the variety of activities practiced in the WHS, it isn't possible to provide unitary information on the spending amount for visitors of the WHS.

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 managed but improvements could be made

9.10 - Is the effectiveness of tourism management regularly monitored?

No

If a different system, please specify

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

There is 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?

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Awareness-raising campaigns aimed at respectful and conscious experience for visitors in the Mountain. Communication and awareness-raising campaigns regarding water use and waste management. Creation of tourism products aimed at seasonal adjustment and balanced distribution of tourist flows. Control and limitation of motorized traffic in particularly sensitive areas.

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

Yes

If 'Yes', please specify

The majority of activities linked to tourism are currently managed and/or owned by local population. The income from the tourism sector produces economic effects, which local communities benefit from.

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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 but monitoring of the status of indicators could be improved

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

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation				×
10.3.2	Effectiveness of the management system				X
10.3.3	Character of governance				×
10.3.4	Appropriate synergy with other conservation designations		×		
10.3.5	Contribution to sustainable development				X
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	Fair
Indigenous peoples	Not applicable
Landowners	Fair
Women	Not applicable
Researchers	Good
Tourism industry	Good
Local businesses and industry	Fair
NGOs	Fair
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

Monitoring activities is included in the next five-year plan 2023-2027 of the UNESCO Dolomites Foundation, which has been approved and funded. Through different initiatives, there will be an update of the indicators and consequently specific instruments for monitoring the state of conservation of the WHS will be defined.

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.2	Protective Measures	
5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	×
5.3	Management System/Management Plan	

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5.3.7	No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	×
5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	×
5.3.13	The management system at the property is only being partially implemented	
6.1	Funding	
6.1.10	No 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	×
9	Visitor Management	
9.9	Visitor use of the World Heritage property is managed but improvements could be made	
10	Monitoring	
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	
Pleas	se select 3 more issues.	
Ŋ Ple	ease 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

	·	tors affecting ti	io i ropolty								
4.1	Buildings a	nd Development									
4.1.4	Major visitor accommodation and associated infrastructure	Criteria VII Attribute 3.2.3 Landscape units	Participation to environmental imp assessment proce in the event of infrastructure development proje	esses	Sharing of environ impact assessmer processes by the I administrations inv	it ocal	Ongoing activincluded in the Management of the UNESC Dolomites Site	e Overall Strategy	UNESCO Dolo Foundation and administrations the managements site.	d local involved in	None.
4.2	Transporta	tion Infrastructure									
4.2.1	Ground transport infrastructure	Criteria VII Attribute 3.2.3 Landscape units	Participation to environmental im assessment proof in the event of infrastructure development proj	esses	Sharing of enviror impact assessmer processes by the administrations in	nt local	Ongoing activincluded in the Management of the UNESC Dolomites Sit	e Overall Strategy	UNESCO Dole Foundation an administration the managementsite.	d local s involved in	None.
4.2.5	Effects arising from use of transportation infrastructure	agr ma tou me miti	tocols of eement for the nagement of rism flow and local asures for gation of the ironmental impact.	and exc	cal data collection change of best as between public strations.	is includ Overall	g activity that led in the Management of the O Dolomites	Foundati administr	D Dolomites on and local rations involved anagement of	Transport in a competent administration the implement management actions.	ce of local ons, which a nters of flow
4.3	Services In	frastructures									
4.3.5	Major linear utilities	Criteria VII Attribute 3.2.3 Landscape units	Participation to environmental im assessment proce and issuance of opinions.		impact assessment included in the Overall Foundation processes by the local Management Strategy administration		UNESCO Dole Foundation an administration the managementsite.	d local s involved in	None.		
4.7	Local cond	itions affecting phys	ical fabric								
4.7.7	Pests	Criteria VII Attribute 3.2.2 Colour contrast Attribute 3.2.3 Landscape units	Coordination of impa mitigation measures local administrations	with	Data retrieval by agencies competent environmental monitoring.		2-2023-2024		Ministry for the Environment and Energy Security (MASE).	Natural Climate' funds ac including restorati mitigatic damage	tivities, g forest on and n of the caused by ad of the ba

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										municip Dolomi	palities in the tes.
4.8	Social/Cultur	al uses of heritag	je								
4.8.2	Society's valuing of heritage	Criteria VII - VIII	Awareness campaigns projects ain increasing t knowledge site.	and lo ned at co the	cal popula	aires addressed at ation and involvement.	includ	oing activity that is ded in the Overall agement Strategy of INESCO Dolomites	UNESCO Dolomites Foundation and local administrations involve the management of th		None.
4.8.6	Impacts of tourism/Visitation/R	Criteri ecreation	ca pi in kı	wareness raising ampaigns and rojects aimed at acreasing the nowledge of the ite.	at l	estionnaires address ocal population and nmunity involvemen	t.	Ongoing activity that is included in the Overall Management Strategy of the UNESCO Dolomites Site.		al olved in	None.
4.10	Climate chan	ge and severe we	eather events	3							
4.10.1	Storms	Criteria VII Attrib 3.2.1 Morpholog variety Attribute Landscape units	gical ex 3.2.3 of	udies and resea tend comprehen the effects of the enomena.	sion	Data retrieval by agencies compete environmental monitoring.	nt in	2023-2027	UNESCO Dolomites Foundation and local administrations involved in the management of the site.	the cau cha to p has app fund	mes regarding impacts sed by climate nge are central lanning which been roved and ded for 3-2027.
4.10.6	Temperature change	Criteria VII Attrib Morphological ve Attribute 3.2.1 C contrast Attribute Landscape units VIII Attribute 3.2. Geomorphologic	ariety olour e 3.2.3 c Criteria .6	Studies and re extend compro of the effects of phenomena.	ehension		etent	2023-2027	UNESCO Dolomites Foundation and local administrations involved in the management of the site.	the car cha cer pla has app	emes regarding impacts used by climate ange are ntral to nning which is been proved and ded for 23-2027.
4.10.7	Other climate change impacts	Criteria VII Attrib Morphological va Attribute 3.2.1 C contrast Attribute Landscape units VIII Attribute 3.2. Geomorphologic	ariety olour e 3.2.3 c Criteria .6	Studies and re extend compro of the effects of phenomena.	ehension		etent	2023-2027	UNESCO Dolomites Foundation and local administrations involved in the management of the site.	the car cha cer pla has ap	emes regarding impacts used by climate ange are ntral to nning which is been proved and ded for 23-2027.

Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.2	Protective Measu	Protective Measures						
		Actions	Timeframe	Lead agency (and others involved)	More info / comment			
5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including	Activities for harmonizing the management plans and conservation measures as defined by the guidelines of the Overall Management Strategy.	Ongoing activity that is included in the Overall Management Strategy of the UNESCO Dolomites Site.	UNESCO Dolomites Foundation and local administrations involved in the management of the site.	Site management is based on tools issued by different administrations, which are constantly updated. The Foundation's role is to maintain continuous contact with the administrations, to verify the coherence and efficiency of the legal framework.			

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	conditions of Authenticity and/or Integrity of the property								
5.3	Management Syst	tem/Management Plan							
5.3.7	No use has been made of the Policy linked to the theme of Climate Change on World Heritage Properties at the property The content of the document will be implemented in the activities linked to the theme of Climate Change, according to the five-year plan, which has been approved and funded.			2023-2027		UNESCO Dolomites Foundation and local administrations involved in the management of the site.			
5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	Although not explicitly applying t document, many of its contents have been applied for years from the administrations that govern the territory, acting through efficient mitigation strategies, ris monitoring and emergency management.	adminis n	g activity carried out by loca strations.		the management of the site. management Manager, giv		loes not fall within the nt tools of the Site iven the natural and acteristics of the Site.	
6.1	Funding								
6.1.10	No use has been made o the World Heritage Strategy for Capacity Development the World Heritage property	document will be evaluated planning.	plan. The	Not specified.		UNESCO Dolomites Four local administrations invo management of the site.		None.	
6.1.12	A site-based capacity building plan programme is place and partially implemented; some technic skills are bein transferred to those manag the property locally, but most technic work is carriout by extern staff	directly involved with Site or management and external s in professionals. l; cal or directly involved with Site management and external professionals.		Ongoing activity that is ind the Overall Management of the UNESCO Dolomites	Strategy	UNESCO Dolomites Four local administrations invo management of the site.		None.	

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?

 Not applicable (sites inscribed exclusively under criteria vii to x (natural World Heritage properties)
- 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 ${\bf maintained}.$

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

Other important cultural and/or natural values are being **partially degraded** but the state of conservation of the World Heritage property has **not been significantly impacted**

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

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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	Very positive
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Not applicable
Recognition	Very positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Very positive
Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Very positive
Institutional coordination	Very 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	Not applicable
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

In reference to answer 13.2.7 - Infrastructure Development, the effect is positive when considering the ability of the Site Manager and of the local administrations involved with the Site, to intervene in limiting the proliferation of infrastructures that have a negative impact in the area recognised as World Heritage, according to values of conservation, protection and enhancement of the WHS which is being safeguarded.

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

The UNESCO Dolomites Foundation, with the technical structures of the founding Administrations and many local partners, has developed many activities through the years, aimed at strengthening the awareness and involvement of the community, of visitors and education on every level. Such activities, often carried out locally, are extended as best practices on the entire territory of the WHS. A summary of the projects is available at: https://www.dolomitiunesco.info/activities/?lang=en

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

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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

Advocacy

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

15.3. Timing and resources

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

Governmental institutions responsible for cultural and natural heritage
Site Manager/Coordinator World Heritage property staff
Focal points of other international conventions/programmes
Staff from other World Heritage properties
Other specific groups
Scientific Committee
External experts

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire? Gender balance has **not been explicitly** considered or implemented in the process.

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

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

60 / 40 / 400 /

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)	Not applicable
UNESCO National Commission	Not applicable

ICOMOS International	Not applicable
IUCN International	Not applicable
ICCROM international/regional	Good
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	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: The denomination of the 9 CS of the WHS "The Dolomites" needs to be updated as follows, in conformity to what is reported in the maps acquired by WHC. 1. Pelmo, Croda da Lago 2. Marmolada 3. Pale di San Martino, San Lucano, Dolomiti Bellunesi, Vette Feltrine 4. Dolomiti Friulane e d'Oltre Piave 5. Dolomiti settentrionali/Nördliche Dolomiten 6. Puez-Odle/Puez-Geisler 7. Sciliar-Catinaccio, Latemar/Schlern-Rosengarten, Latemar 8. Bletterbach 9. Dolomiti di Brenta. The other data is confirmed.

Map(s)

Reason for update: The Foundation is producing the updated cartography, to comply with the technical specifications from WHC, ref. note CLT/WHC/NOM/22/151. The changes do not concern the perimeters of the core and buffer areas. Please note that the overall map of the serial Site at the link: ../..//document/102556 is inaccurate, as the perimeters of System 1 do not correspond to those of the single component site.

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

Reason for update: In addition to section "Management and protection requirements" please note that: The Dolomites UNESCO Foundation (set up 13.05.2010) in cooperation with local authorities, guarantees efficient management within the administrative framework governing the Dolomites region. Its structure is based on five inter-regional/provincial Operating Networks that work on specific themes associated with the management of the Property. The networks will ensure uniform levels of knowledge and management.

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

Please note that the information provided as "update" in the sections 1.3, 1.4, 3.1 only regard a formal update of what has already been acquired by WHC. None of the designated elements represent a request for effective and substantial modification of the data concerning the WHS (borders, extension of the CS, geographic position, OUV contents,...)

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

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