Frontiers of the Roman Empire - The Danube Limes (Western Segment)

1. World Heritage Property Data

1.1 - Name of World Heritage property

Frontiers of the Roman Empire – The Danube Limes (Western Segment)

1.2 - World Heritage property details

1.3 - Geographic information table

ame	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
ad Gögging – Heilbad	48.826 / 11.781	0.31	0	0.31	
ning Weinberg – Wachtturm und Heiligtum	48.864 / 11.789	0.96	27.14	28.1	
eltenburg Am Galget – Kleinkastell	48.889 / 11.826	0.84	0.86	1.7	
egensburg Großprüfening – Kastell und Vicus	49.018 / 12.038	16.86	3.28	20.14	
egensburg Kumpfmühl – Kastell und Vicus I	49.008 / 12.084	3.3	0	3.3	
egensburg Kumpfmühl – Kastell und Vicus II	49.007 / 12.085	1.73	0	1.73	
egensburg – Legionslager I	49.02 / 12.099	0.028	124.064	124.092	
egensburg – Legionslager II	49.02 / 12.099	0.012	?	0.012	
egensburg – Legionslager III	49.02 / 12.102	0.002	?	0.002	
egensburg – Legionslager IV	49.02 / 12.102	0.006	?	0.006	
egensburg – Legionslager V	49.02 / 12.102	0.034	?	0.034	
egensburg – Legionslager VI	49.017 / 12.101	0.027	?	0.027	
egensburg – Legionslager VII	49.016 / 12.101	0.008	?	0.008	
egensburg – Legionslager VIII	49.015 / 12.101	0.063	?	0.063	
egensburg Niedermünster – Legionslager	49.02 / 12.101	0.143	?	0.143	
egensburg – Westliche Canabae	49.02 / 12.088	0.277	?	0.277	
egensburg – Östliche Canabae	49.019 / 12.108	1.358	?	1.358	
egensburg – Großes Gräberfeld	49.012 / 12.087	0.102	0	0.102	
raubing - Ostkastell	48.888 / 12.596	5.524	44.128	49.652	
raubing – Kastell St. Peter	48.886 / 12.588	0.756	0	0.756	
ünzing – Amphitheater und Vicus	48.667 / 13.083	2.666	25.882	28.548	
assau Altstadt – Kastell	48.574 / 13.472	0.933	6.642	7.575	
assau Boiotro - Kastell	48.57 / 13.462	0.23	0.683	0.913	
assau Haibach – Burgus	48.575 / 13.498	0.015	0.083	0.098	
berranna – Kleinkastell	48.471 / 13.774	0.148	0	0.148	
chlögen – Vicus	48.423 / 13.867	0.416	0	0.416	
chlögen – Kastell	48.424 / 13.87	0.928	0	0.928	
irschleitengraben – Wachtturm	48.308 / 14.225	0.165	0.209	0.374	
nz – Siedlung Martinsfeld	48.305 / 14.28	0.154	0.788	0.942	
nz – Befestigung Schlossberg	48.305 / 14.281	0.065	0	0.065	
nns – Gräberstraße	48.217 / 14.46	1.238	74.194	75.432	
nns – Canabae Südwest	48.217 / 14.466	3.069	?	3.069	
nns – St. Laurenz	48.219 / 14.467	0.112	?	0.112	
		9.292	?	9.292	

Enns – Canabae Nordost	48.224 / 14.476	15.313	?	15.313
Enns – Legionslager Zentralbereich	48.22 / 14.476	3.134	?	3.134
Enns – Legionslager Nordecke	48.222 / 14.475	2.311	?	2.311
Albing – Legionslager	48.226 / 14.551	21.947	4.223	26.17
Wallsee – Kastell	48.167 / 14.716	0.688	10.36	11.048
Wallsee – Kleinkastell	48.167 / 14.717	0.228	?	0.228
Ybbs – Kleinkastell	48.178 / 15.086	0.232	0	0.232
Pöchlarn – Kastell Hufeisenturm West	48.212 / 15.211	0.021	0	0.021
Pöchlarn – Kastell Zentralbereich	48.212 / 15.212	0.167	0	0.167
Pöchlarn – Kastell Hufeisenturm Ost	48.212 / 15.212	0.02	0	0.02
Pöchlarn – Vicus und Kastellbad	48.212 / 15.214	1.696	0	1.696
Blashausgraben – Wachtturm	48.276 / 15.396	0.262	1.27	1.532
St. Johann im Mauerthale – Wachtturm	48.337 / 15.41	0.025	0.221	0.246
Bacharnsdorf – Wachtturm	48.37 / 15.445	0.024	0.057	0.081
St. Lorenz – Wachtturm	48.393 / 15.475	0.034	0.454	0.488
Windstallgraben – Wachtturm	48.383 / 15.522	0.182	1.061	1.243
Mautern – Kastell Westbereich	48.394 / 15.575	1.603	27.929	29.532
Mautern – Kastell Ostbereich	48.395 / 15.577	0.914	?	0.914
Traismauer – Kastell südwestlicher Fächerturm	48.349 / 15.742	0.009	0.032	0.041
Traismauer – Kleinkastell	48.351 / 15.743	0.242	0.508	0.75
Traismauer – Kastell Zentralbereich	48.349 / 15.744	0.793	3.526	4.319
Traismauer – Kastell Hufeisenturm	48.351 / 15.745	0.138	0.552	0.69
Traismauer – Kastell Römertor	48.35 / 15.746	0.056	0.289	0.345
Zwentendorf – Kastell, Vicus, Gräberfelder	48.345 / 15.89	44.319	33.023	77.342
Tulln – Kastell Hufeisenturm	48.333 / 16.055	0.009	0.743	0.752
Tulln – Kastell Zentralbereich	48.333 / 16.057	1.332	4.013	5.345
Zeiselmauer – Kleinkastell	48.33 / 16.176	0.061	10.547	10.608
Zeiselmauer – Kastell Zentralbereich	48.329 / 16.177	0.33	?	0.33
Zeiselmauer – Kastell Hufeisenturm	48.329 / 16.177	0.036	?	0.036
Zeiselmauer – Kastell Kastentor, Fächerturm, Ostmauer	48.33 / 16.178	0.146	?	0.146
Klosterneuburg – Kastell und Vicus	48.307 / 16.327	3.687	1.459	5.146
Wien – Canabae West und Gräberfeld	48.215 / 16.359	2.102	137.779	139.881
Wien – Canabae Südwest	48.208 / 16.367	0.447	?	0.447
Wien – Legionslager Umwehrung	48.209 / 16.37	1.354	?	1.354
Wien – Legionslager Zentralbereich	48.212 / 16.37	0.237	?	0.237
Wien – Legionslager Zentralbereich	48.211 / 16.373	0.508	?	0.508
Carnuntum – Legionslager, Kastell, Befestigungen, Zivilstadt, Vici, Gräberfelder	48.115 / 16.861	591.175	752.088	1343.263
Rusovce – Gerulata, rímsky vojenský tábor (kastel)	48.056 / 17.149	0.407	367.137	367.544
Rusovce – Gerulata, dom s hypocaustom a pohrebisko	48.056 / 17.146	0.039	?	0.039
Rusovce – Gerulata, vicus	48.056 / 17.147	0.415	?	0.415
	47.745 / 18.198			
Iža – "Kelemantia", rímsky vojenský tábor (kastel)		6.777	161.543	168.32
lža – "Kelemantia", do asné tábory (západ)	47.746 / 18.19	44.62	?	44.62

Iža – "Kelemantia", do asné tábory (východ)	47.749 / 18.209	21.938	?	21.938	
Total (ha)		821.749	1826.767	2648.516	

1.4 - Map(s)

Title	Date	Link to source
Frontiers of the Roman Empire – The Danube Limes (Western Segment) - maps of the inscribed property	2021	

- 1.5 Web and Social Media data of the property (if applicable)
 - 1. Römermuseen Am UNESCO-Welterbe Donaulimes in Bayern
 - 2. DLK
 - 3. The FRE Project
 - 4. Donaulimes
 - 5. Bratislava City Museum
 - 6. Danube Region Museum in Komárno
 - 7. The Monuments Board of the Slovak Republic
- 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)		×
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?
- 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?
- 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?
- 2.7 Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	×
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	

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

- 2.8 Please add any further comments on cooperation with the other designation(s)/programme(s)
- 2.9 Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

 No

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

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

Yes

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.

Tabula Peutingeriana 2006-12

- 3. Statement of Outstanding Universal Value
- 3.1 Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee
- 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	Chain of military installations almost all along the southern banks of the river	×			
3.2.2	Legionary fortresses and sizeable civilian towns developed around them	×			
3.2.3	Forts, fortlets, watchtowers, and temporary camps	×			
3.2.4	Civilian settlements and infrastructure linked to forts, fortlets, and watchtowers	×			
3.2.5	Baths, religious shrines, amphitheatres linked to military installations and related civilian settlements	×			

3.2.6	Horseshoe and fanshaped towers and strongly fortified fortlets developed in Late Roman times	×		
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

Relevant	X Not relevant
4.1.2 - Commercial development	
Relevant	X Not relevant

4.1.3 - Industrial areas

Relevant X Not relevant

4.1.4 - Major visitor accommodation and associated infrastructure

Relevant X Not relevant

4.1.5 - Interpretative and visitation facilities

× Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	▶ Decreasing	⇒ Stable	Increasing
Positive X	×	×	×	×			<i>P</i>
Negative							

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

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Relevant	× Not relevant

4.2.2 - Underground transport infrastructure

Relevant X Not relevant

4.2.3 - Air transport infrastructure

Relevant X Not relevant

4.2.4 - Marine transport infrastructure

Relevant X Not relevant

4.2.5 - Effects arising from use of transportation infrastructure

Relevant X Not relevant

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

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Relevant X Not relevant

4.3.2 - Renewable energy facilities

× Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	▶ Decreasing	⇒ Stable	Increasing
O Positive 🗶	×	×		×			,
○ Negative X		×		×			1

4.3.3 - Non-renewable energy facilities

Relevant	× Not relevant

4.3.4 - Localised utilities

Relevant	X Not relevant

4.3.5 - Major linear utilities

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

4.4. Pollution

4.4.1 - Pollution of marine waters

Relevant	✗ Not relevant	
4.4.2 - Ground water pollution		
Relevant	★ Not relevant	

4.4.3 - Surface water pollution

•	
Relevant	✗ Not relevant

4.4.4 - Air pollution

....

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

4.4.5 - Solid waste

Relevant	X Not relevant
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4.4.6 - Input of excess energy

Relevant	X 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 positively

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Relevant	✗ Not relevant
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4.5.2 - Aquaculture

Relevant × Not relevant 4.5.3 - Land conversion

Relevant × Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

Relevant × Not relevant

4.5.5 - Crop production

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

4.5.6 - Commercial wild plant collection

× Not relevant

4.5.7 - Subsistence wild plant collection

Relevant × Not relevant

4.5.8 - Commercial hunting

× Not relevant

4.5.9 - Subsistence hunting

Relevant × Not relevant

4.5.10 - Forestry/Wood production

Relevant × Not relevant

4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

4.6. Physical resource extraction

4.6.1 - Mining

Relevant × Not relevant 4.6.2 - Quarrying

Relevant

4.6.3 - Oil and gas

× Not relevant

Relevant × Not relevant

4.6.4 - Water (extraction)

× 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

Relevant X Not relevant

4.7.2 - Relative humidity

Relevant × Not relevant

4.7.3 - Temperature

Relevant × Not relevant

4.7.4 - Radiation/Light

Relevant × Not relevant

4.7.5 - Dust

Relevant × Not relevant

4.7.6 - Water (rain/water table)

Relevant × Not relevant

4.7.7 - Pests

Relevant

Relevant × Not relevant

4.7.8 - Micro-organisms

× 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

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Relevant × Not relevant

4.8.2 - Society's valuing of heritage

X Relevant				Not relevant			
Impact		Origin		Trend of impact			
Impact	Gurrent	Potential	Inside	Outside	№ Decreasing	⇒ Stable	Increasing
O Positive X	×	×	×	×			P
Negative							

4.8.3 - Indigenous hunting, gathering and collecting

× Not relevant

4.8.4 - Changes in traditional ways of life and knowledge system

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

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

4.8.6 - Impacts of tourism/Visitation/Recreation

✗ Relevant	1	Not relevant					
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	▶ Decreasing	→ Stable	Increasing
O Positive 🗶	×	×	×	×			7
Negative X	×	×	×	×		\Rightarrow	

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

4.9. Other human activities

4.9.1 - Illegal activities

× Relevant				Not relevant			
Impact Original Control of Contro			Origin	Origin Trend of impact			
Impact	G Current	Potential	Inside	Outside	▶ Decreasing	→ Stable	Increasing
Positive							
○ Negative X	×	×	×				P
4.9.2 - Deliberate destruction of heritage							

Relevant	X Not relevant
4.9.3 - Military training	

	Relevant	Not relevant
4	l.9.4 - War	
	Relevant	X Not relevant

4.9.5 - Terrorism

Relevant	X Not relevant
Holorani	** Not relevant

4.9.6 - Civil unrest

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

4.10.1 Otolino	
Relevant	X Not relevant
4.10.2 - Flooding	
Relevant	X Not relevant
4.10.3 - Drought	
Relevant	X Not relevant
4.10.4 - Desertification	
Relevant	X Not relevant

4.10.5 - Changes to oceanic waters

Relevant	X Not relevant

4.10.6 - Temperature change

Relevant	X Not relevant

4.10.7 - Other climate change impacts

Relevant	X Not relevant

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

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Relevant	X Not relevant

4.11.2 - Earthquake

Relevant	X Not relevant
4.11.3 - Tsunami/Tidal wave	
Relevant	X Not relevant
4.11.4 - Avalanche/Landslide	
Relevant	X Not relevant
4.11.5 - Erosion and siltation/Deposition	
Relevant	X Not relevant

4.11.6 - Fire (wildfire)

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

	Relevant	X Not relevant
4	I.12.2 - Invasive/Alien terrestrial species	
	Relevant	X Not relevant
4	I.12.3 - Invasive/Alien freshwater species	
	Relevant	X Not relevant

4.12.4 - Invasive/Alien marine species

Relevant X Not relevant

4.12.5 - Hyper-abundant species

Relevant X Not relevant

4.12.6 - Modified genetic material

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	Impact			Trend of impact			
Impact	Current	Potential	Inside	Outside	▶ Decreasing	⇒ Stable	Increasing	
Positive X	×	×	×	×			7	
Negative								

4.13.2 - Legal framework

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

4.13.3 - Governance



4.13.4 - Management activities

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

4.13.5 - Financial resources

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

4.13.6 - Human resources

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

4.13.7 - Low impact research/monitoring activities

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

4.13.8 - High impact research/monitoring activities

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

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

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name				Impact	:		Origin		Trend
4.1 Buildings and Development									
4.1.5 Interpretative and visitation facilities				•	9	9	•	E	7
4.3 Services Infrastructures									
4.3.2 Renewable energy facilities				•	9	9		Œ	7
						9		G	7
4.4 Pollution									
4.4.4 Air pollution									
					9	9		G	•
4.5 Biological resource use/modification									
4.5.5 Crop production									
					9	9	•		\rightarrow
4.8 Social/Cultural uses of heritage									
4.8.2 Society's valuing of heritage				•	9	9	•	G	/
		-				~3		~**	
4.8.5 Identity, social cohesion, changes in local	population and commu	inity		O		Ħ	•	F	
4.0.C. Immedia of tourism Ministin / December					en e	<i></i> 3		<i>18</i>	
4.8.6 Impacts of tourism/Visitation/Recreation				O	9	9	②	G.	→
4.9 Other human activities									
4.9.1 Illegal activities									
					9	9	•		<i>></i>
4.13 Management and institutional factors									
4.13.1 Management system/Management plan				0	9	9	•	Œ	<i>></i>
4.13.2 Legal framework				•	9	9	•		/
4.13.3 Governance				•		9	•	(7
4.13.4 Management activities				•	9	9	•	(1
4.13.5 Financial resources				•	A	a	()	æ	→
i manoiai resources				9	- 0	- 0	Çi	Çi .	
4.13.6 Human resources				O	q	9	@	Œ	7
4.13.7 Low impact research/monitoring activities	s			•	9	9	•	Œ	1
4.13.8 High impact research/monitoring activities	s			0	9	9	•	G	→
Legend Current	Potential	Negative	O Positive	Inside	de		Outside	de	

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

Name	ame		:		Origin		Trend
4.1.5 Interp	retative and visitation facilities	•	9	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						
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						

4.3 Services Infrastructures

Name	Impact		Origin		Trend	
4.3.2 Renewable energy facilities	O	9	9		Œ	7
			9		Œ	/
Spatial scale - Area affected by the factor						

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

Temporal s	Temporal scale - 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					

4.4 Pollution

Name		Impact		Origin		Trend	
4.4.4 Air po	ollution						
			q	9		G	•
Custial ass	alla Assa affected by the factor						
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						
Impact - Im	pact 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

4.5 Biological resource use/modification

Name		Impact		Origin		Trend	
4.5.5 Crop	production						
			9	9	②		\rightarrow
Spatial sca	e - 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	elopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						

4.8 Social/Cultural uses of heritage

Name	Impact		Origin		Trend	
4.8.2 Society's valuing of heritage	0	9	9	•	C	P
Spatial scale - 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	t response - Capacity of management to respond					
	High capacity					
×	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	elopement over the last 6 years					
	Decreasing					
	Static					
×	Increasing					
Name		Impact	~3	Origin		Trend
4.8.5 Identi	y, social cohesion, changes in local population and community	0	4	(I)	G.	-
Spatial sca	e - 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					

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	Impa	Impact		Origin		Trend
4.8.6 Impacts of tourism/Visitation/Recreation	O	q	9	•	Œ	1
		q	9	•	Œ	\rightarrow
Spatial scale - Area affected by the factor						
Restricted						

	Restricted
×	Localised
	Extensive
	Widespread
Temporal	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
Temporal :	Widespread scale - Occurence of the impact One off or rare

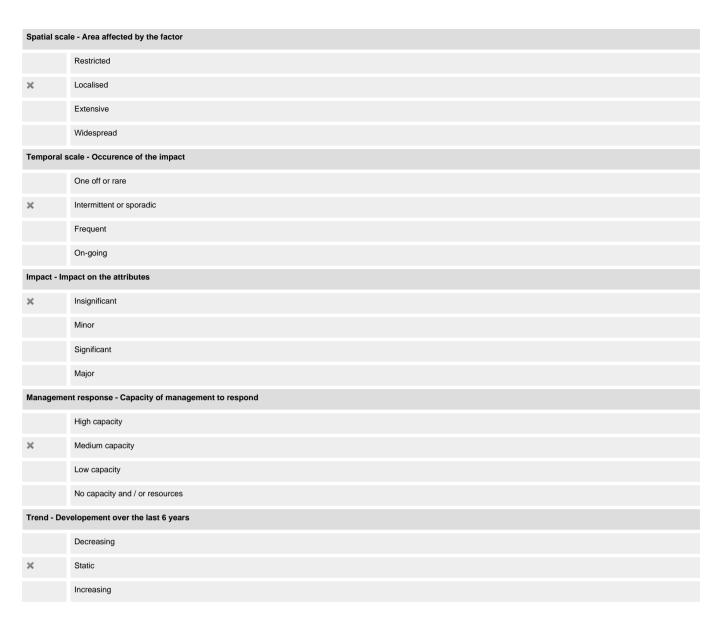
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
×	Insignificant
	Minor
	Significant
	Major
Manageme	ont response - Capacity of management to respond

	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

4.9 Other human activities

Increasing

Name	Impact	:		Origin	Trend
4.9.1 Illegal activities					
		q	9	•	7



4.13 Management and institutional factors

Name	Name		Impact		Origin			Trend
4.13.1 Man	4.13.1 Management system/Management plan		q	9	•	Œ	1	
Spatial sca	ale - 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							
	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		Impact			Origin	Trend
4.13.2 Lega	l framework	0	9	9	•	7
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		Impact			Origin	Trend

4.13.3 Governance

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	9	9	Origin	Œ	Trend
4.10.4 Mail	goment detrined		-,	-1	G	Ç	•
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						
Trend De	Decreasing						
	Static						
~							
×	Increasing						
Name		Impact	t		Origin		Trend
	ncial resources	·	A	ø	•	Œ	→
Custial sea	No. Associated by the feeter						
Spatiai 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						
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		Impact	i		Origin		Trend
4.13.6 Hum	ian resources	()	A	A	(E	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 - De	velopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name		Impact		_	Origin		Trend
4.13.7 Low	impact research/monitoring activities	•	9	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						
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	elopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name		Impact			Origin		Trend
4.13.8 High	impact research/monitoring activities	O	4	q	•	(→
Spatial scal	e - 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	elopement 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	Legionary fortresses and sizeable civilian towns developed around them	×			
4.18.1.2	Forts, fortlets, watchtowers, and temporary camps	×			
4.18.1.3	Civilian settlements and infrastructure linked to forts, fortlets, and watchtowers	×			
4.18.1.4	Baths, religious shrines, amphitheatres linked to military installations and related civilian settlements	×			
4.18.1.5	Horseshoe and fanshaped towers and strongly fortified fortlets developed in Late Roman times	×			

- 5. Protection and Management of the Property
- 5.1. Boundaries and Buffer Zones
- 5.1.1 Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

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

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

The boundaries are known by both the management authority and local communities/landowners

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

The buffer zones 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

For some component parts, buffer zones will be added as minor boundary modifications in accordance with the committee's decision 44 COM8B.24.

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

Comment

Bavarian, Austrian, Slovakian Monument Protection Laws Regional and local spatial development plans

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

2000 / UVP-G (Environmental Impact Assessment Act) / National Law / https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzesnummer=10010767

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

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

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

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

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

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

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

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

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

The legal protection of the WHS is submitted to the national and regional/local legislations of the States Parties in whose territories they are situated as well as to a number of international conventions, ratified by the States Parties. If the legal protective designation and its terminology may vary for the different component parts,

its effect is equal: it guarantees adequate protection of the serial nomination of the nominated property as well as of its corresponding buffer zones.

- 5.2.8 Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property
- 5.3. Management System/Management Plan
- 5.3.1 Please check the box which most closely match the character of the governance and management system of the property Other

If 'Other', please specify

national/regional/local

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

Other forms of statutory or non-statutory plans (e.g. strategic plans)
Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management
A management plan
An annual work plan or business plan
A joint approach to management of cultural and natural heritage
Other (please specify below)
interpretation framework

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

Within each State Party, an appropriate management system has been developed, expressed through a regularly updated Management Plan for the identification, protection, conservation and sustainable use of the respective component part. The national management systems address also the interests and involvement of all stakeholders and the sustainable economic use of the property.

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Management Plans	N/A	Available	2019	
Management Plans 2019	N/A	Available	2021	

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.
- 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 fully implemented and monitored

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

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

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

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

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

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

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

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

- 5.3.18 Please provide further details on the ratings of the management system given in the table above
- 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)	60 %	50 %
6.1.1.7	Governmental (regional/provincial/state)	30 %	25 %
6.1.1.8	Governmental (local/municipal)	10 %	15 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	5 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	5 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

- 6.1.2 Please comment here on any other aspects of funding sources not covered in the table above
- 6.1.3 Is the current budget sufficient to manage the World Heritage property effectively?

The available **budget is 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 the medium-term and planning is underway to secure funding over the long-term

- 6.1.5 Comments, conclusion, and/or recommendations related to finance and infrastructure
- 6.1.6 Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	40 %	50 %
6.1.6.2	Women	60 %	50 %
		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	Fair
Community participation and inclusion	Fair
Risk preparedness	Fair
Capacity development and education	Poor
Administration	Good
Research and monitoring	Fair
Awareness raising and public information/communication	Fair
Marketing and promotion	Fair

Interpretation	Good
Visitor management/tourism	Fair
Enforcement (custodians, police)	Fair

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

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

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

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?

There is no site-based capacity building plan or programme in place; management is implemented by external staff and skills are not transferred

- 6.1.13 Comments, conclusions and/or recommendations related to human resources, expertise and training
- 7. Scientific Studies and Research Projects
- 7.1 Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

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

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

There is a small amount of research, but it is not planned

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

Research results are shared with local communities and some national agencies

- 7.4 Comments, conclusions and/or recommendations related to scientific studies and research projects
- 8. Education, Information and Awareness Building
- 8.1 Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups

Local communities	Fair
Local/municipal authorities	Good
Indigenous peoples	Not applicable
Landowners	Fair
Women	Not applicable
Youth/children	Fair
Researchers	Good
Local visitors	Fair

National/international tourists	Fair
Tourism industry	Poor
Local businesses and industries	Poor
NGOs	Poor
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
Tourism industry

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

Visitor centre	Fair
Site museum	Good
Information booths	Fair
Guided tours	Fair
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Fair
Transportation facilities	Fair
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
- 9.2 What information sources are used to collect visitor statistics?

Entry tickets and registries

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

One day (no overnight stay)

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

0/25/8/10/10/10/

9.6 - Please provide the source of information

T-Mona 2019; own experience

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

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

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

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

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

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

part of the overall monitoring

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

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

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

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

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

In many locations and easily visible to visitors

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

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

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

local museums

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

Yes

If 'Yes', please specify

so far in small scale

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

10. Monitoring

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

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

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

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

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

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation			×	
10.3.2	Effectiveness of the management system		×		
10.3.3	Character of governance		×		
10.3.4	Appropriate synergy with other conservation designations	×			
10.3.5	Contribution to sustainable development		×		
10.3.6	Capacity development		×		

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

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

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Fair

Local communities	Fair
Indigenous peoples	Not applicable
Landowners	Poor
Women	Not applicable
Researchers	Not applicable
Tourism industry	Poor
Local businesses and industry	Not applicable
NGOs	Not applicable
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

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

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

Revision of Nomination Dossier completed Carnuntum / Wind Power Plants - Agreement with communities in accordance with recommendation completed Minor Boundary Modification of buffer zones - under way SOC Report in December 2023 will contain comprehensive information

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

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.3	Management System/Management Plan	
5.3.7	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	×
5.3.17	 In a limited manner, the management system of the World Heritage property does contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property 	×
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	There is no site-based capacity building plan or programme in place; management is implemented by external staff and skills are not transferred	×
7	Scientific Studies and Research Projects	
7.2	There is a small amount of research in the World Heritage property but it is not planned	×
9	Visitor Management	
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	×
9.11	There is limited cooperation between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation	×
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made	×
Pleas	se select 0 more issues.	
□ 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

4.3	Services Infrastructures

4.3.2	Renewable energy facilities	visual integrity of the component Carnuntum (all attributes except horseshoe and fanshaped towers)	agreement with community and windfarm operator	during asses environment		permanently	WH Management and National Monuments Authority	none
4.4	Pollution							
4.4.4	Air pollution	all elements above ground	visual inspections by the management and if necessary conservation measures under the supervision of the Monuments Authorities	regular vis		permanently	WH Management	none
4.5	Biological re	source use/modificatio	n					
4.5.5	Crop production	all underground eleme in agriculturally used areas	nts mitigation through agri-environment and extensification (EC) s where feasible		site visits and research	permant	t WH Management	none
4.8	Social/Cultur	al uses of heritage						
4.8.6	Impacts of tourism/Visitation/R	all attributes	positive tourism management strategies and improved visitor infrastructure		numbers and inspections	permanently	WH Management and local site management	only affecting very limited parts of the WHS
4.9	Other human	activities						
4.9.1	Illegal activities	all elements undergro	ound awareness raising	reg	ular controls	permanently	local site managers	none
Summary	/ - Factors affecting	g the Property comp	leted					

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.3	5.3 Management System/Management Plan							
		Actions	Timeframe	Lead agency (and others involved)	More info / comment			
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	consider the document	mid-term	WH Management	none			
5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	consider the strategy	long-term	WH Management	none			
5.3.17	In a limited manner, the management system of the World Heritage property does contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property	none	none	none	not applicable for the site			
6.1	Funding							

6.1.10	No use been ma the Worl Heritage Strategy Capacity Develop the Worl Heritage property	de of d for ment at	consider the strategy	long-term	WH Management	none
6.1.12	There is site-bas capacity building program place; manage impleme external and skill not trans	plan or me in ment is nted by staff s are	discuss putting up a local capacity building plan	long-term	WH Management	none
7	Scientific Studies	and Res	earch Projects			
7.2	There is a small amount of research in the World Heritage property but it is not planned	research	h framework is under development	t mid-term	WH Management Research Framework Working Group	none
9	Visitor Manager	nent				
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	Monit	or tourism activities	permanently	WH Management	over tourism is not a matter so far
9.11	There is limited cooperation between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation	and w	ng trust in the existing network idening network activities	on-going	WH management, tourism authorities	none
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made	interp	retation in progress	permanently	WH Management local museums tourist guides	none
Summary - M	anagement Nee	ds comp	leted			

12.3. Conclusions on the State of Conservation of the Property

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

The Authenticity of the World Heritage property has been preserved

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

The Integrity of the World Heritage property is intact

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

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

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

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

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

13. Impact of World Heritage Status

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

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

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

- 14. Good Practice in the Implementation of the World Heritage Convention
- 14.1 Example of good practice in World Heritage protection, identification, conservation or management at the property level
- 14.2 Define which topics are covered by this example of best practice at the property level
- 15. Assessment of the Periodic Reporting Exercise
- 15.1. Relevance of Periodic Reporting

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

Management effectiveness to maintain the Outstanding Universal Value

Monitoring and reporting

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

State Party	Not needed
Site Managers	Not needed

UNESCO World Heritage Centre	Not needed
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Not needed

15.2. Use of Data

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

Revision of priorities/strategies/policies for the protection, management and conservation of heritage

Update of management plans

Fundraising

Awareness raising

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

This is the first Periodic Reporting for this site.

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

Local communities

ICOMOS national/regional

External experts

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire? Gender balance is explicitly considered and effectively implemented in the process.

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

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

70 / 80 / 56 /

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

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

15.4. Format and content of the Periodic Report

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

Most required information was accessible.

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

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

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

Questionnaire could be better tailored for transnational serial WHS.

15.5. Training and Guidance

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

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

ICOMOS national/regional	Fair
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	Fair
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	Fair
IUCN national/regional	Not applicable
IUCN International	Not applicable

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

Yes

- 15.5.4 If you found that the online training resources were not adequate, what changes would you like to see implemented?
- 15.6. Actions that will require formal consideration by the World Heritage Committee
- 15.6.1 Summary of actions that will require formal consideration by the World Heritage Committee

No item were proposed for update

- 15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise
- 15.7.1 Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise
- 15.7.2 Thank you for having filled in all the questions. Please contact your National Focal Point for validation.