Völklingen Ironworks

1. World Heritage Property Data

1.1 - Name of World Heritage property

Völklingen Ironworks

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Völklingen Ironworks	49.249 / 6.844	7.46	0	7.46	1994
Total (ha)		7.46	0	7.46	

1.4 - Map(s)

Title	Date	Link to source
Völklingen Ironworks - Map of the inscribed property	1994	
Völkingen Ironworks - Map of the World Heritage property	2013	

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

- 1. Völklinger Eisenhütte (Deutsche UNESCO-Kommission)
- 2. UNESCO Commission of Germany
- 3. Weltkulturerbe Völklinger Hütte

Comment

Web: www.voelklinger-huette.org Facebook: https://www.facebook.com/WeltkulturerbeVoelklingerHuette/ Instagram: https://www.instagram.com/voelklinger_huette/ Youtube: 1. https://www.youtube.com/channel/UCzXjpXtSn2_OnlLogFhp9UQ bzw. www.industrial-culture.tv Vimeo: https://vimeo.com/user148574296

- 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?

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

No

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

No

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

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

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

Nο

- 2.10 Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware
- 2.11 Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

No

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

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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 Völklingen Ironworks in western Germany close to the border with France cover 6 ha and are a unique monument to pig-iron production in Western Europe. No other historic blast-furnace complex has survived that demonstrates the entire process of pig-iron production in the same way, with the same degree of authenticity and completeness, and is underlined by such a series of technological milestones in innovative engineering. The Völklingen monument illustrates the industrial history of the 19th century in general and also the transnational Saar-Lorraine-Luxembourg industrial region in the heart of Europe in particular. The Ironworks are a synonym for and a symbol of human achievement during the First and Second Industrial Revolutions in the 19th and beginning of the 20th centuries.

The iron-making complex dominates the townscape of Völklingen. It contains installations covering every stage in the pig-iron production process, from raw materials handling and processing equipment for coal and iron ore to blast-furnace iron production, with all the ancillary equipment, such as gas purification and blowing equipment.

The installations are exactly as they were when production ceased in 1986. The overall appearance is that of an ironworks from the 1930s, since no new installations were added after the rebuilding of the coking plant in 1935. There is considerable evidence of the history of the works in the form of individual items that have preserved substantial elements of their original form. Large sections of the frames and platforms of the blast furnaces, for example, have not been altered since their installation at the turn of the 19th to 20th centuries. Much of the original coking plant survives, despite the 1935 reconstruction, notably the coal tower of 1898. Six of the gas-blowing engines, built between 1905 and 1914, are preserved, as are the suspended conveyer system of 1911 and the dry gas purification plant of the same time. In addition, remains of Buch's puddle ironworks of 1873 are preserved in the power station below the blast furnaces.

Criterion (ii): Several important technological innovations in the production of pig-iron were developed or first applied successfully on an industrial scale at Völklingen Ironworks and are now in universal use throughout the world.

Criterion (iv): The Völklingen Ironworks is an outstanding example of an integrated pig-iron production plant of the type, which dominated this industry in the 19th and early 20th centuries.

Integrity

The Outstanding Universal Value of the Völklingen Ironworks lies in its unique completeness and originality. Technological milestones such as the dry gas purification plant, which was the first of its kind on such a large scale, the suspended conveyor system (the largest of its type), and the pioneer sinter plant are all integral parts of a complex 19th and 20th century pig-iron production works concentrated in a small area.

Authenticity

The features of Völklingen Ironworks are largely preserved as originally built and the complex is entirely authentic, since only minor additions or demolitions have taken place since it ceased production in 1986.

Protection and management requirements

The laws and regulations of the Federal Republic of Germany and the State of Saarland guarantee the consistent protection of Völklingen Ironworks. It has been a cultural monument under the act on the Protection and Care of Monuments since 1987.

After being transferred from Dillinger-Hütte-Saarstahl AG to the Land Government of Saarland, a state owned company (Weltkulturerbe Völklinger Hütte Europäisches Zentrum für Kunst und Industriekultur GmbH) is holding the Völklingen Ironworks as property. Since the installation of the Weltkulturerbe Völklinger Hütte GmbH, plans for the preservation and care of the property have been worked out on a yearly basis by a locally installed ironworks conservation unit. Because of its structural similarity to the stonemasons' lodges attached to cathedrals (Dombauhütten), this unit was first called Hüttenbauhütte.

From a provisional working group of the Gesellschaft für Beschäftigung und Qualifikation GmbH (GBQ), the Landesentwicklungsgesellschaft Saar (LEG - State Development Agency), and the Staatliches Konservatoramt (State Conservation Office), a regular team was installed that is in charge of supervising all conservation as well as conversion projects.

The team's work is determined by the new uses (museum, cultural events, exhibitions) of the complex, the ways in which it needs to be treated, and the unusual problems posed by the conservation requirements of rusting ironworks. The ironworks conservation unit also carries out regular inspections and evaluations of the plant, and is responsible for ensuring the security and protection of the monuments. The development unit of the Weltkulturerbe Völklinger Hütte GmbH maintains the ironworks as an industrial monument site and organises exhibitions on European Arts, as well as other cultural events. A management plan describing the management system, the management requirements, and visitor management has been set up.

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	well-preserved pig-iron production from the 1930s including installations covering every stage in the pig-iron production process with all the ancillary equipment	×			
3.2.2	preserved technological milestones such as the dry gas purification plant of 1911, suspended conveyor system of 1911, pioneer sinter plant and the six blast furnaces in a row	×			
3.2.3	six gas-blowing engines (1905 and 1914) situated in the historic blower hall	×			
3.2.4	well-preserved coking plant	×			
3.2.5	silhouettes and visual relationships with the environment: dominates the townscape	×			
3.2.6	remnants of Julius Buch's puddle ironworks of 1873	×			
3.2.7					
3.2.8					

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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 (18/07/2013):

Not relevant

Relevant	X Not relevant

4.1.2 - Commercial development

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant
i di	Not relevant

4.1.3 - Industrial areas

Previous answer Cycle 2 (18/07/2013):

• Relevant, Positive, Potential, Outside

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

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (18/07/2013):

• Relevant, Positive, Potential, Outside

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

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (18/07/2013):

• Relevant, Positive, Current, Potential, Inside

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

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

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (18/07/2013):

Not relevant

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

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant

4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant

4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	✗ Not relevant

4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (18/07/2013):

Not relevant

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

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (18/07/2013):

Not relevant

X Relevant			i	Not relevant			
	Impact		Origin		Trend of impact		
Impact	Gurrent	Potential	Inside	© Outside	▶ Decreasing	⇒ Stable	Increasing
Positive X	×	×	×	×			1
Negative							

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	✗ Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant	
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4.3.5 - Major linear utilities

Previous answer Cycle 2 (18/07/2013):

Not relevant

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 (18/07/2013):

Not relevant

Relevant	✗ Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	✗ Not relevant
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4.4.3 - Surface water pollution

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	✗ Not relevant
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4.4.4 - Air pollution

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant
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4.4.5 - Solid waste

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant

4.4.6 - Input of excess energy

Previous answer Cycle 2 (18/07/2013):

Not relevant

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

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant

4.5.2 - Aquaculture

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant

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4.5.3 - Land conversion

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.5.5 - Crop production

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.5.8 - Commercial hunting

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

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

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.6.2 - Quarrying

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.6.3 - Oil and gas

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

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4.6.4 - Water (extraction)

Previous answer Cycle 2 (18/07/2013):

Not relevant

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

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.7.2 - Relative humidity

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.7.3 - Temperature

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.7.4 - Radiation/Light

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.7.5 - Dust

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant Not relevant

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.7.7 - Pests

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.7.8 - Micro-organisms

Previous answer Cycle 2 (18/07/2013):

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

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (18/07/2013):

Not relevant

X Relevant

Not relevant

Impact

Origin

Trend of impact

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Impact	Current	Potential	Inside	© Outside	▶ Decreasing	⇒ Stable	Increasing
○ Positive ★	×	×	×	×			/
Negative							

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (18/07/2013):

Not relevant

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

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

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

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (18/07/2013):

• Not relevant

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

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

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant X Not relevant

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (18/07/2013):

Not relevant

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

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Negative X	×		×	×		→	
4.9.3 - Military training Previous answer Cycle 2 (18/07/ • Not relevant	/2013):						
Relevant			× Not relevant				
4.9.4 - War Previous answer Cycle 2 (18/07/ Not relevant	/2013):						
Relevant			× Not relevant				
4.9.5 - Terrorism Previous answer Cycle 2 (18/07/ Not relevant	/2013):						
Relevant			× Not relevant				
4.9.6 - Civil unrest Previous answer Cycle 2 (18/07) • Not relevant	/2013):						
Relevant			× Not relevant				
4.9.7 - Please comment as positively	necessary on ho	w the factors s	selected as re	elevant in 4.9 a	re affecting the pro	perty either n	egatively or
4.10. Climate change and	d severe weather	events					
4.10.1 - Storms Previous answer Cycle 2 (18/07) • Not relevant	/2013):						
Relevant			× Not relevant				
4.10.2 - Flooding Previous answer Cycle 2 (18/07) • Not relevant	/2013):						
Relevant			× Not relevant				
4.10.3 - Drought Previous answer Cycle 2 (18/07/ Not relevant	/2013):						
Relevant			× Not relevant				
4.10.4 - Desertification Previous answer Cycle 2 (18/07/ Not relevant	/2013):						
Relevant			× Not relevant				
4.10.5 - Changes to oceani Previous answer Cycle 2 (18/07/ Not relevant							
Relevant			× Not relevant				
4.10.6 - Temperature change Previous answer Cycle 2 (18/07/ • Not relevant							
Relevant			× Not relevant				

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (18/07/2013):

Not relevant

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Relevant	X Not relevant
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4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

4.11.2 - Earthquake

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant

× Not relevant

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

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant × Not relevant

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4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X Not relevant

4.12.6 - Modified genetic material

Previous answer Cycle 2 (18/07/2013):

Not relevant

Relevant	X 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

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

4.13.2 - Legal framework

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

4.13.3 - Governance

Relevant	✗ Not relevant

4.13.4 - Management activities

Previous answer Cycle 2 (18/07/2013):

Not relevant

X 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 X	×		×	×		\rightarrow	
Negative							

4.13.6 - Human resources

X Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	© Outside	→ Decreasing	⇒ Stable	Increasing

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② Positive ★	×	×		\Rightarrow	
Negative					

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (18/07/2013):

• Relevant, Positive, Current, Inside

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

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (18/07/2013):

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)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact	t	Origin			Trend
4.1 Buildings and Development						
4.1.3 Industrial areas						
		e a	m3		æ	a
	_	7	-			
4.1.4 Major visitor accommodation and associated infrastructure	O		4		C	→
4.1.5 Interpretative and visitation facilities	O	A	9	•	Œ	\rightarrow
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure	O	q			Œ	\rightarrow
4.3 Services Infrastructures						
		~	-3		od.	20
4.3.2 Renewable energy facilities	O	4	4	•	G	
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses	O	9	9	•	G	7
4.8.2 Society's valuing of heritage	O		9		C	1
4.8.6 Impacts of tourism/Visitation/Recreation	O	q	P	@	G	1
4.9 Other human activities						
4.9.2 Deliberate destruction of heritage						
		~			00	
		9		•	G	→

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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

Name		Impact			Origin		Trend
4.1.3 Indus	trial areas						
			q	9		F	1
Snatial sca	le - Area affected by the factor						
opuliai osc	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						

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	Decreasing						
	Static						
×	Increasing						
Name		lmman			Onlaria		Trand
Name 4.1.4 Major	visitor accommodation and associated infrastructure	Impact	•	9	Origin	G	Trend
,				•			
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						
×	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						
Name		Impac			Origin		Trend
4.1.5 Interp	pretative and visitation facilities	•	9	9	•	ઉ	→
Spatial sca	ale - Area affected by the factor						
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						

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	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 C		Origin		Trend		
4.2.1 Grou	nd transport infrastructure	0	9			G	\rightarrow
Spatial sc	Spatial scale - Area affected by the factor						
×	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal	scale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going On-going						
Impact - In	npact on the attributes						
×	Insignificant						
	Minor						
	Significant						
	Major						
Manageme	ent response - Capacity of management to respond						
	High capacity						
	Medium capacity						
	Low capacity						
×	No capacity and / or resources						

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Trend - Developement over the last 6 years					
	Decreasing				
×	Static				
	Increasing				

4.3 Services Infrastructures

Name	Impact		Origin		Trend		
4.3.2 Renev	vable energy facilities	•	9	9	•	F	<i>P</i>
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						

4.8 Social/Cultural uses of heritage

Name		Impact			Origin		Trend
4.8.1 Ritual/Spiritual/Religious and associative uses		•	q	a	•	Œ	1
0	le Avendinated by the feeter						
Spatiai sca	le - Area affected by the factor						
×	Restricted						
	Localised						

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	Extensive					
	Widespread					
Temporal	cale - Occurence of the impact					
×	One off or rare					
	Intermittent or sporadic					
	Frequent					
	On-going On-going					
Impact - In	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
4.8.2 Socie	ty's valuing of heritage	O	9		F	-
Spatial sca	le - Area affected by the factor					
	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - In	pact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Manageme						
g =	nt response - Capacity of management to respond					

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×	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
4.8.6 Impacts of tourism/Visitation/Recreation		O	9	9	•	F	7
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						
Managemei	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						

4.9 Other human activities

Restricted

Name	Impact			Origin	Trend	
4.9.2 Deliberate destruction of heritage						
		9		•	G	\rightarrow
Spatial scale - Area affected by the factor						

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	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

4.13 Management and institutional factors

Name		Impact			Origin	Trend
4.13.1 Man	agement system/Management plan	0	A	9	•	-
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					

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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			Origin		Trend
4.13.2 Lega	l framework	O	9		•	G	→
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			Origin		Trend
4.13.4 Mana	agement activities	0	9	9	•		→

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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	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	icial resources	Impact	q	Origin	G	Trend
4. 13.3 Tilla	icial resources		-1	()	G	
Spatial sca	e - Area affected by the factor					
	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal s						
	cale - Occurence of the impact					
	One off or rare					
	One off or rare Intermittent or sporadic Frequent					
×	One off or rare Intermittent or sporadic Frequent On-going					
Impact - Im	One off or rare Intermittent or sporadic Frequent On-going pact on the attributes					
	One off or rare Intermittent or sporadic Frequent On-going Dact on the attributes Insignificant					
Impact - Im	One off or rare Intermittent or sporadic Frequent On-going Dact on the attributes Insignificant Minor					
Impact - Im	One off or rare Intermittent or sporadic Frequent On-going Dact on the attributes Insignificant					

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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						
Name		Impact			Origin		Trend
4.13.6 Hum	an resources	•	9		•		→
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	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
							_
Name	impact research/monitoring activities	Impact	9	q	Origin	Œ	Trend →
7.13.7 LOW	mipus researcificationing activities	•	-1	-1	(c)	4	,

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Spatial scale - 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 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

4.17. 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	well-preserved pig-iron production from the 1930s including installations covering every stage in the pig-iron production process with all the ancillary equipment	×			
4.18.1.2	preserved technological milestones such as the dry gas purification plant of 1911, suspended conveyor system of 1911, pioneer sinter plant and the six blast furnaces in a row	×			
4.18.1.3	six gas-blowing engines (1905 and 1914) situated in the historic blower hall	×			
4.18.1.4	well-preserved coking plant	×			
4.18.1.5	silhouettes and visual relationships with the environment: dominates the townscape	×			

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 inadequate to maintain the property's Outstanding Universal Value because some attributes of the property are outside the boundary

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

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

The property has no buffer zone, but there is a need for one

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

The property has no known and recognised buffer zone

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).

- Site protected by State heritage legislation
- Weltkulturerbe Völklinger Hütte Europäisches Zentrum für Kunst und Industriekultur GmbH owner since 1999 of almost the entire site.
- Change of ownership for the "electric power station I" from Saarstahl GmbH to Weltkulturerbe Völklinger Hütte Europäisches Zentrum für Kunst und Industriekultur GmbH intented.
- The protection arrangements are considered highly effective

Source: Periodic Reporting Cycle 1, Periodic Reporting Cycle 2

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

2018 / Saarländisches Denkmalschutzgesetz (SDschG) /

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 property has no buffer zone

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
- 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

Public management system at state level (GmbH)

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)

Traditional ways of management recognised by local communities and other specific groups

Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property

An annual work plan or business plan

A disaster, climate or conflict risk management plan

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

5.3.4 - Management Documents

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

No use has been made of the 2011 Recommendation on the Historic Urban Landscape

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

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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 fully implemented and monitored

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

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

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

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

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	40 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	60 %	0 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	60 %
6.1.1.8	Governmental (local/municipal)	0 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	7 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	30 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	3 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

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

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

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

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

- 6.1.5 Comments, conclusion, and/or recommendations related to finance and infrastructure
- 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	0 %	54 %

6.1.6.2	Women	0 %	46 %
		Total 0 %	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	Fair
Environmental sustainability	Fair
Community participation and inclusion	Fair
Risk preparedness	Fair
Capacity development and education	Good
Administration	Good
Research and monitoring	Fair
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Good
Visitor management/tourism	Good
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	Fair
Community participation and inclusion	Good
Risk preparedness	Fair
Capacity development and education	Fair
Administration	Good
Research and monitoring	Good
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Fair
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 fully implemented; all technical skills are being transferred to those managing the property locally

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

Knowledge about the values and attributes of the World Heritage property is $\,\textbf{adequate}\,$

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

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understanding of Outstanding Universal Value?

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

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

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

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

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

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

There is 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
Women
Youth/children
Researchers
Local Visitors
National/international tourists
Tourism 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	Fair
Site museum	Good
Information booths	Good
Guided tours	Good
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Good
Transportation facilities	Good

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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

135.105 / 52.064 / 55.870 / 142.782 / 143.588 /

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

Entry tickets and registries

Visitor surveys

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)

25 / 20 / 9 / 8,50 / 0 / 11 /

9.6 - Please provide the source of information

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

There is a planned and effective strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property

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

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

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

9.10 - Is the effectiveness of tourism management regularly monitored?

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 one location 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 a substantial contribution to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

There is a programme run by the Tourismus Zentrale Saarland GmbH.

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

Yes

If 'Yes', please specify

There are economic, social and conservation benefits.

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

10. Monitoring

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

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

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

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

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

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

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

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

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

No relevant Committee recommendations to implement

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

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

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.1	Inadequacies in the boundaries make it difficult to maintain the property's Outstanding Universal Value since some attributes of the property are outside the boundary	×
5.1.3	The property has no buffer zone , but there is a need for one	×
5.1.4	The property has no known and recognised buffer zone	×
5.2	Protective Measures	
5.2.4	The property has no buffer zone	×
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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5.3.5	No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	×
5.3.7	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	×
6.1	Funding	
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	×
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	×
7	Scientific Studies and Research Projects	
7.2	There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	×
Pleas	e select 0 more issues.	
☑ Ple	ase 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

the attribut be estimate still being e	ed. This is with the supervisory	MOS, constant exchange	Not determined yet.	GmbH	A report by
as ICOMO	cies as well Saarland.				expected in the next few weeks.
4.9 Other human activities					
4.9.2 Deliberate There is n destruction of the attribu heritage world herit criterias.			. persistent work	GmbH	There is no effect on the attributes or the world heritage criterias.

12.2. Summary - Management Needs12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones					
		Actions	Timeframe	Lead agency (and others involved)	More info / comment	
5.1.1	Inadequacies in the boundaries make it difficult to maintain the property's Outstanding Universal Value since some attributes of the property are outside the boundary	The GmbH is seeking a solution with the shareholder, the Saarland, for example to buy the electric power station which does not belong to the company.	It is possible that the transfer of the ownership can be made this year or next year.	GmbH, Supervisory board, shareholder, government	We have no more comments.	
5.1.3	The property has no buffer zone, but there is a need for one	The GmbH is seeking a solution with the shareholder, the Saarland.	Not yet determined.	GmbH, Shareholder, Supervisory Board	We have no more comments.	

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5.1.4	The property has no known and recognised buffer zone	The GmbH is seeking a solution with the shareholder, the Saarland.	Not yet dete	rmined.	GmbH, Sha Board	areholder, Supervisory	W	e have no more comments.
5.2	Protective Measur	res						
5.2.4	The property has no buffer zone	The GmbH is seeking a solution with the shareholder, the Saarland.	Not yet dete	rmined.	GmbH, Sha Board	areholder, Supervisory	W	e have no more comments.
5.3	Management Syst	tem/Management Plan						
5.3.5	No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	There is no need to use the Historic Landscape Recommendation to deve policies and best practices for the protection that the property.	elop	not necessary		nobody	no	o more comments
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	No need to use the Policy Document Impacts of Climate Change on World Properties		not determined		nobody	nc	o comments
5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	There is no need to use the Strategy Reducing Risks from Disasters at Wi Heritage Properties.		not determined		nobody	nc	o comments
6.1	Funding							
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property		in progres	ss	GmbH, S Board	shareholder, Supervisory		The company depends on external funding.
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	There is no need to use the Strategy for Reducing Risks from Disasters at World Heritage Properties.	not detern	mined	nobody		1	no comments
7	Scientific Studies a	nd Research Projects						
7.2	considerable research in the	There is research on many topics in the company including improving managem needs and/or improving understanding of Outstanding Universal Value.	ent	progress	Gn	nbH	past,	s concern the ironworks' e.g. the world wars and d labour.

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- 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	Not applicable
Recognition	Very positive
Education	Very positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Very positive
Political support for conservation	Very positive
Legal/Policy framework	Positive
Advocacy	Positive
Institutional coordination	Positive
Security	Very positive
Gender equality	Positive
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	Very positive
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

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

The concept of Outstanding Universal Value
The property's Outstanding Universal Value
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	Fair
Site Managers	Fair
UNESCO World Heritage Centre	Fair
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Fair

15.2. Use of Data

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

Update of management plans	
Fundraising	
Awareness raising	

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

15.3. Timing and resources

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

Site Manager/Coordinator World Heritage property staff

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

500 / 100 / 50 /

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

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

15.4. Format and content of the Periodic Report

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

Most required information was accessible.

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

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

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

15.5. Training and Guidance

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

UNESCO World Heritage Centre	Fair
UNESCO (other sectors/field offices)	No support
UNESCO National Commission	No support
ICOMOS International	No support

IUCN International	No support
ICCROM international/regional	Fair
ICOMOS national/regional	No support
IUCN national/regional	No support

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

UNESCO World Heritage Centre	No support
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	No support
National Commission for UNESCO	Not applicable
ICOMOS International	No support
ICCROM International/regional	No support
ICOMOS national/regional	No support
IUCN national/regional	No support
IUCN International	No support

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.

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