

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage Property

Zollverein Coal Mine Industrial Complex in Essen

### 1.2 - World Heritage Property Details

#### State(s) Party(ies)

- Germany

#### Type of Property

cultural

#### Identification Number

975

#### Year of inscription on the World Heritage List

2001

### 1.3 - Geographic Information Table

Name	Coordinates (longitude / latitude)	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Zollverein Coal Mine Industrial Complex in Essen	51.491 / 7.046	0	0	0	2001
<b>Total (ha)</b>			<b>0</b>		

#### Comment

Property: approx. 100 ha Bufferzone: approx. 1.200 ha Total: approx. 1.300 ha

### 1.4 - Map(s)

### 1.5 - Governmental Institution Responsible for the Property

- Birgitta Ringbeck  
Auswärtiges Amt  
National World Heritage Focal Point  
Referat 603-9  
Multilaterale Kultur- und Medienpolitik

### 1.6 - Property Manager / Coordinator, Local Institution / Agency

- Math Hermann  
Stiftung Zollverein  
Site Manager
- Gabriele Heidner

#### Comment

Hermann Marth UNESCO-Welterbe Zollverein Areal B [Schacht 1/2/8], Direktion [B57] Bullmannau 11 45327 Essen hermann.marth@zollverein.de Gabriele Heidner UNESCO-Welterbe Zollverein Areal B [Schacht 1/2/8], Direktion [B57] Bullmannau 11 45327 Essen gabriele.heidner@zollverein.de

### 1.7 - Web Address of the Property (if existing)

- [View photos from OUR PLACE the World Heritage collection](#)
- [Die Industriedenkmal Stiftung \(german only\)](#)
- [UNESCO Commission of Germany](#)
- [Kokerei Zollverein \(german only\)](#)
- [Zeche und Kokerei Zollverein \(german only\)](#)
- [Zeche Zollverein - gestern, heute, morgen \(german only\)](#)

- [Zollverein Foundation](#)
- [Zeche Zollverein XII, Essen \(german only\)](#)
- [Zollverein](#)

#### Comment

<http://www.zollverein.de/>

### 1.8 - Other designations / Conventions under which the property is protected (if applicable)

## 2. Statement of Outstanding Universal Value

### 2.1 - Statement of Outstanding Universal Value / Statement of Significance

#### Comment

A retrospective statement of OUV has been submitted by 1st February 2013.

### 2.2 - The criteria (2005 revised version) under which the property was inscribed

(ii)(iii)

### 2.3 - Attributes expressing the Outstanding Universal Value per criterion

Criterion (ii) The Zollverein XII Coal Mine Industrial Complex is an exceptional industrial monument by virtue of the fact that its buildings are outstanding examples of the application of the design concepts of the Modern Movement in architecture in a wholly industrial context. Criterion (iii) The technological and other structures of Zollverein XII are representative of a crucial period in the development of traditional heavy industries in Europe, when sympathetic and positive use was made of architectural designs of outstanding quality.

### 2.4 - If needed, please provide details of why the Statement of Outstanding Universal Value should be revised

none

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

none

## 3. Factors Affecting the Property

### 3.14. Other factor(s)

#### 3.14.1 - Other factor(s)

none

### 3.15. Factors Summary Table

#### 3.15.1 - Factors summary table

	Name		Impact				Origin	
3.1	Buildings and Development							
3.1.3	Industrial areas							
3.1.4	Major visitor accommodation and associated infrastructure							
3.1.5	Interpretative and visitation facilities							
3.2	Transportation Infrastructure							
3.2.1	Ground transport infrastructure							
3.3	Services Infrastructures							
3.3.1	Water infrastructure							
3.3.2	Renewable energy facilities							
3.8	Social/cultural uses of heritage							
3.8.2	Society's valuing of heritage							
3.8.5	Identity, social cohesion, changes in local population and community							
3.8.6	Impacts of tourism / visitor / recreation							
3.13	Management and institutional factors							
3.13.1	Low impact research / monitoring activities							
3.13.3	Management activities							
Legend	Current	Potential	Negative	Positive	Inside	Outside		

### 3.16. Assessment of current negative factors

#### 3.16.1 - Assessment of current negative factors

No factor is both current and negative.

### 3.17. Comments, conclusions and / or recommendations related to factors affecting the property

#### 3.17.1 - Comments

none

### 4. Protection, Management and Monitoring of the Property

#### 4.1. Boundaries and Buffer Zones

##### 4.1.1 - Buffer zone status

There is a buffer zone

##### 4.1.2 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries of the World Heritage property are **adequate** to maintain the property's Outstanding Universal Value

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

The buffer zones of the World Heritage property are **adequate** to maintain the property's Outstanding Universal Value

##### 4.1.4 - Are the boundaries of the World Heritage property known?

The boundaries of the World Heritage property are known by both the management authority and local residents / communities / landowners.

##### 4.1.5 - Are the buffer zones of the World Heritage property known?

The buffer zones of the World Heritage property are **known** by both the management authority and local residents / communities / landowners.

##### 4.1.6 - Comments, conclusions and / or recommendations related to boundaries and buffer zones of the World Heritage property

none

#### 4.2. Protective Measures

##### 4.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and / or traditional)

When coal extraction ceased at Zollverein, the boundaries of the legally defined mining concession covering 13km<sup>2</sup> were no longer of relevance. The larger part, situated within the town of Essen, is within the Düsseldorf administrative district of the Province of North-Rhine Westphalia (Land Nordrhein-Westfalen). The north-eastern corner is in the town of Gelsenkirchen. The area on the World Heritage List is protected under the Law Governing the Protection and Conservation in the Federal State of North-Rhine Westphalia of 11 March 1980.

##### Comment

The Zollverein XII Coal Mine Industrial Complex is a listed industrial monument according § 2 and § 3 of the Act on the

Protection and Conservation of Monuments in the State of North Rhine-Westphalia, dated March 11, 1980 (Protection Law). Building activities within the property and the buffer zone are regulated by § 9 (2) Protection Law and Local Building Plans.

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

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

##### 4.2.3 - 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 for the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the World Heritage property provides **an adequate or better basis** for effective management and protection

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

The legal framework for the area surrounding the World Heritage property and the buffer zone provides **an adequate or better 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

##### 4.2.5 - Can the legislative framework (i.e. legislation and / or regulation) be enforced?

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

##### 4.2.6 - Comments, conclusions and / or recommendations related to protective measures

none

#### 4.3. Management System / Management Plan

##### 4.3.1 - Management System

Different parts of the nominated area are owned by both public and private bodies: Landsentwicklungsgesellschaft Nordrhein-Westfalen, Ruhrkohle AG, Kommunalverband Ruhrgebiet KVR, and VEBA Immobilien. Application of the legislation is supervised by the provincial Ministry of Employment, Social and Urban Development, Culture and Sport, working with the municipal authorities of Düsseldorf and Essen. Direct management is the responsibility of two non-profit-making foundations, Stiftung Industriedenkmalfpflege und Geschichtskultur and Stiftung Zollverein. A "Craftsmen's Guild," analogous to those at the great cathedrals, has been set up by the town of Essen and the Regional Development Company to carry out regular maintenance and provide training in conservation practices and techniques.

##### Comment

Zollverein Foundation, established and financed by the State of North Rhine-Westphalia, is the owner of essential parts of

the property and responsible for the management and the sustainable development of the World Heritage site. The foundation acts in concert with the regional and local historic monument conservation authorities. The management system, which was launched in 2007, consists of a set of maintenance and conservation measures. The strategy for the mine's preservation is focusing

#### 4.3.2 - Management Documents

##### Comment

A Management plan has been submitted with the nomination dossier.

#### 4.3.3 - How well do the various levels of administration (i.e. national / federal; regional / provincial / state; local / municipal etc.) coordinate in the management of the World Heritage Property ?

There is **excellent coordination** between all bodies / levels involved in the management of the property

#### 4.3.4 - 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

#### 4.3.5 - Is the management system being implemented?

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

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

An annual work / action plan exists and **most or all activities** are being implemented and monitored

#### 4.3.7 - Please rate the cooperation / relationship with World Heritage property managers / coordinators / staff of the following

Local communities / residents	Good
Local / Municipal authorities	Good
Indigenous peoples	Not applicable
Landowners	Good
Visitors	Good
Researchers	Good
Tourism industry	Good
Industry	Good

#### 4.3.8 - If present, do local communities resident in or near the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

Local communities have **no input** into decisions relating to the management

#### 4.3.9 - If present, do indigenous peoples resident in or regularly using the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

**No indigenous peoples** are resident in or regularly using the World Heritage property and / or buffer zone

#### 4.3.10 - Is there cooperation with industry (i.e. forestry, mining, agriculture, etc.) regarding the management of the World Heritage property, buffer zone and / or area

#### surrounding the World Heritage property and buffer zone?

There is **regular contact** with industry regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone and **substantial co-operation** on management

#### 4.3.11 - Comments, conclusions and / or recommendations related to human resources, expertise and training

none

#### 4.3.12 - Please report any significant changes in the legal status and / or contractual / traditional protective measures and management arrangements for the World Heritage property since inscription or the last Periodic report

none

### 4.4. Financial and Human Resources

#### 4.4.1 - Costs related to conservation, based on the average of last five years (relative percentage of the funding sources)

Multilateral funding (GEF, World Bank, etc)	0.00%
International donations (NGO's, foundations, etc)	0.00%
Governmental (National / Federal)	24%
Governmental (Regional / Provincial / State)	50%
Governmental (Local / Municipal)	12%
In country donations (NGO's, foundations, etc)	0.00%
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	10%
Commercial operator payments (e.g. filming permit, concessions, etc.)	1%
Other grants	3%

#### 4.4.2 - International Assistance received from the World Heritage Fund (USD)

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

The available budget is **sufficient** but further funding would enable more effective management to international best practice standard

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

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

#### 4.4.5 - Does the World Heritage property provide economic benefits to local communities (e.g. income, employment)?

There is a **major flow** of economic benefits to local communities from activities in and around the World Heritage property

#### 4.4.6 - Are available resources such as equipment, facilities and infrastructure sufficient to meet management needs?

There are **adequate** equipment and facilities

**4.4.7 - Are resources such as equipment, facilities and infrastructure adequately maintained?**

Equipment and facilities are **well maintained**

**4.4.8 - Comments, conclusion, and / or recommendations related to finance and infrastructure**

none

**4.4.9 - Distribution of employees involved in managing the World Heritage property (% of total)**

Full-time	90%
Part-time	10%

**4.4.10 - Distribution of employees involved in managing the World Heritage property (% of total)**

Permanent	92%
Seasonal	8%

**4.4.11 - Distribution of employees involved in managing the World Heritage property (% of total)**

Paid	100%
Volunteer	0%

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

Human resources are **adequate** for management needs

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

Research and monitoring	Good
Promotion	Good
Community outreach	Good
Interpretation	Good
Education	Good
Visitor management	Good
Conservation	Good
Administration	Good
Risk preparedness	Good
Tourism	Good
Enforcement (custodians, police)	Good

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

Research and monitoring	High
Promotion	High
Community outreach	High
Interpretation	High
Education	High
Visitor management	High
Conservation	High
Administration	High
Risk preparedness	High
Tourism	High
Enforcement (custodians, police)	High

**4.4.15 - Do the management and conservation programmes at the World Heritage property help develop local expertise?**

A capacity development plan or programme is **in place and fully implemented**; all technical skills are being transferred to those managing the property locally, who are assuming leadership in management

**4.4.16 - Comments, conclusions and / or recommendations related to human resources, expertise and training**

none

**4.5. Scientific Studies and Research Projects****4.5.1 - Is there adequate knowledge (scientific or traditional) about the values of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?**

Knowledge about the values of the World Heritage property is **sufficient**

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

**4.5.3 - Are results from research programmes disseminated?**

Research results are **shared with local participants and some national agencies**

**4.5.4 - Please provide details (i.e. authors, title, and web link) of papers published about the World Heritage property since the last Periodic Report****4.5.5 - Comments, conclusions and / or recommendations related to scientific studies and research projects****4.6. Education, Information and Awareness Building****4.6.1 - At how many locations is the World Heritage emblem displayed at the property?**

In **many locations and easily visible** to visitors

**4.6.2 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups**

Local communities / residents	Excellent
Local / Municipal authorities within or adjacent to the property	Excellent
Local Indigenous peoples	Excellent
Local landowners	Excellent
Visitors	Excellent
Tourism industry	Excellent
Local businesses and industries	Excellent

#### 4.6.3 - Is there a planned education and awareness programme linked to the values and management of the World Heritage property?

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

#### 4.6.4 - What role, if any, has designation as a World Heritage property played with respect to education, information and awareness building activities?

World Heritage status has been an **important influence** on education, information and awareness building activities

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

There is **excellent presentation and interpretation** of the Outstanding Universal Value of the property

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

Visitor centre	Excellent
Site museum	Excellent
Information booths	Excellent
Guided tours	Excellent
Trails / routes	Excellent
Information materials	Excellent
Transportation facilities	Excellent
Other	Excellent

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

### 4.7. Visitor Management

#### 4.7.1 - Please provide the trend in annual visitation for the last five years

Last year	Static
Two years ago	Decreasing
Three years ago	Major Increase (100%+)
Four years ago	Minor Increase
Five years ago	Minor Increase

#### 4.7.2 - What information sources are used to collect trend data on visitor statistics?

Entry tickets and registries
Tourism industry
Visitor surveys

#### 4.7.3 - Visitor management documents

##### Comment

The visitor centre managed by the Zollverein Foundation is responsible for the visitor management.

#### 4.7.4 - Is there an appropriate visitor use management plan (e.g. specific plan) for the World Heritage property

which ensures that its Outstanding Universal Value is maintained?

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

#### 4.7.5 - Does the tourism industry contribute to improving visitor experiences and maintaining the values of the World Heritage property?

There is **excellent co-operation** between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation

#### 4.7.6 - If fees (i.e. entry charges, permits) are collected, do they contribute to the management of the World Heritage property?

The fee is collected, and makes **some contribution** to the management of the World Heritage property

#### 4.7.7 - Comments, conclusions and / or recommendations related to visitor use of the World Heritage property

none

### 4.8. Monitoring

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

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

#### 4.8.2 - Are key indicators for measuring the state of conservation used to monitor how the Outstanding Universal Value of the property is maintained?

Information on the values of the World Heritage property is sufficient and key indicators have been defined but **monitoring the status of indicators could be improved**

#### 4.8.3 - Please rate the level of involvement in monitoring of the following groups

World Heritage managers / coordinators and staff	Excellent
Local / Municipal authorities	Average
Local communities	Average
Researchers	Average
NGOs	Average
Industry	Average
Local indigenous peoples	Not applicable

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

Implementation is **underway**

#### 4.8.5 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee

none

**4.8.6 - Comments, conclusions and / or recommendations  
related to monitoring**

none

**4.9. Identification of Priority Management Needs**

**4.9.1 - Please select the top 6 managements needs for the  
property (if more than 6 are listed below)**

Please refer to question 5.2

## **5. Summary and Conclusions**

### **5.1. Summary - Factors affecting the Property**

#### **5.1.1 - Summary - Factors affecting the Property**

No factor is both current and negative.

### **5.2. Summary - Management Needs**

#### **5.2.2 - Summary - Management Needs**

Answers provided have not outlined any serious management need.



### 5.3. Conclusions on the State of Conservation of the Property

#### 5.3.1 - Current state of Authenticity

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

#### 5.3.2 - Current state of Integrity

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

#### 5.3.3 - Current state of the World Heritage property's Outstanding Universal Value

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

#### 5.3.4 - 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 **predominantly intact**

### 5.4. Additional comments on the State of Conservation of the Property

#### 5.4.1 - Comments

### 6. World Heritage Status and Conclusions on Periodic Reporting Exercise

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

Conservation	Very positive
Research and monitoring	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Very positive
Education	Very positive
Infrastructure development	Not applicable
Funding for the property	Very positive
International cooperation	Very positive
Political support for conservation	Very positive
Legal / Policy framework	Very positive
Lobbying	Positive
Institutional coordination	Very positive
Security	Not applicable
Other (please specify)	Not applicable

#### 6.2 - Comments, conclusions and / or recommendations related to World Heritage status

#### 6.3 - Entities involved in the preparation of this Section of the Periodic Report

Governmental institution responsible for the property
Site Manager/Coordinator/World Heritage property staff
Advisory bodies

#### 6.4 - Was the Periodic Reporting questionnaire easy to use and clearly understandable?

yes

#### 6.5 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

#### 6.6 - Please rate the level of support for completing the Periodic Report questionnaire from the following entities

UNESCO	Very good
State Party Representative	Very good
Advisory Body	Good

#### 6.7 - How accessible was the information required to complete the Periodic Report?

All required information was accessible

#### 6.8 - The Periodic Reporting process has improved the understanding of the following

The World Heritage Convention
The concept of Outstanding Universal Value
The concept of Integrity and / or Authenticity
Monitoring and reporting
Management effectiveness

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

UNESCO	Excellent
State Party	Excellent
Site Managers	Excellent
Advisory Bodies	Excellent

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

- **Statement of Outstanding Universal Value / Statement of Significance**  
Reason for update: A retrospective statement of OUV has been submitted by 1st February 2013.
- **Geographic Information Table**  
Reason for update: Property: approx. 100 ha  
Bufferzone: approx. 1.200 ha Total: approx. 1.300 ha

#### 6.11 - Comments, conclusions and / or recommendations related to the Assessment of the Periodic Reporting exercise