



Federal Ministry  
for Economic Affairs  
and Energy

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# Wismut

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*Landscapes designed and preserved*  
*Datasheet*



## Overview of Wismut remediation objects

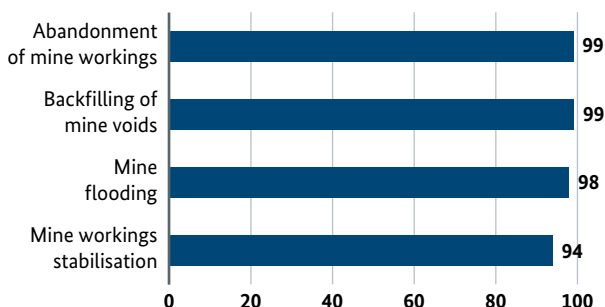
| Object   |        | Wismut<br>total | Remediation site |              |                                    |
|--|--------|-----------------|------------------|--------------|------------------------------------|
|  |        |                 | Ronne-<br>burg   | Aue/<br>Pöhl | König-<br>stein/<br>Gitter-<br>see |
| <b>Remediation of mining fields</b>                          | Number | 34              | 24               | 2            | 8                                  |
| Open underground workings                                    | km     | 24.5            | –                | 15.2         | 9.3                                |
| Closed underground workings                                  | km     | 1,468           | 1,043            | 286          | 139                                |
| <b>Stabilisation of shafts and surface openings</b>          | Number | 179             | 73               | 82           | 24                                 |
| <b>Dismantling and demolition of technological complexes</b> | Number | 327             | 237              | 47           | 43                                 |
| <b>Remediation of industrial sites</b>                       | Number | 274             | 172              | 62           | 40                                 |
| Surface area to be remediated                                | ha     | 1,354           | 1,211            | 88           | 55                                 |
| Surface area remediated by end of 2014                       | ha     | 1,154           | 1,043            | 79           | 32                                 |
| <b>Remediation of tailings management facilities</b>         | Number | 5               | 4                | 1            | –                                  |
| Surface area to be remediated                                | ha     | 609             | 605              | 4            | –                                  |
| Surface area remediated                                      | ha     | 328             | 324              | 4            | –                                  |
| <b>Remediation of open pit mine</b>                          | Number | 1               | 1                | –            | –                                  |
| Surface area to be remediated                                | ha     | 221             | 221              | –            | –                                  |
| Surface area remediated                                      | ha     | 215             | 215              | –            | –                                  |
| <b>Remediation of mine dumps</b>                             | Number | 58              | 29               | 26           | 3                                  |
| Surface area to be remediated                                | ha     | 358             | 41               | 278          | 39                                 |
| Surface area remediated                                      | ha     | 327             | 41               | 261          | 25                                 |
| <b>Number of objects when remediation began</b>              | Number | 1,450           | 714              | 574          | 162                                |
| <b>Water treatment plants</b>                                | Number | 6               | 3                | 2            | 1                                  |

## Licensing 1990 through 2014

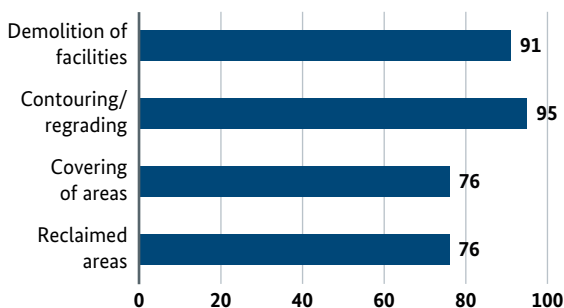
|              |              |
|--------------|--------------|
| Saxony       | 4,198        |
| Thuringia    | 4,707        |
| Cross-border | 67           |
| <b>Total</b> | <b>8,972</b> |

## State of remediation by December 2014 in per cent

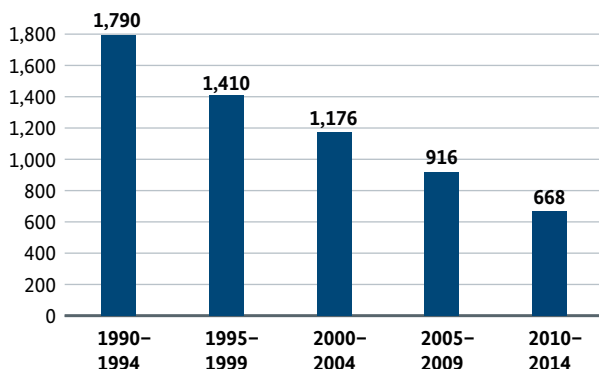
### Underground



### Above ground



## Financing by the federal government (1990–2014) in millions of euros



## Award of contracts to third parties by Wismut GmbH

| Year         | Contract value<br>(in million €) | Year         | Contract value<br>(in million €) |
|--------------|----------------------------------|--------------|----------------------------------|
| 1991         | not specified                    | 2003         | 111.4                            |
| 1992         | not specified                    | 2004         | 95.6                             |
| 1993         | 45                               | 2005         | 95.6                             |
| 1994         | 97                               | 2006         | 110.5                            |
| 1995         | 128                              | 2007         | 94.7                             |
| 1996         | 102                              | 2008         | 94.6                             |
| 1997         | 116                              | 2009         | 75.6                             |
| 1998         | 102                              | 2010         | 75.5                             |
| 1999         | 158                              | 2011         | 72.5                             |
| 2000         | 123                              | 2012         | 70                               |
| 2001         | 119                              | 2013         | 80.8                             |
| 2002         | 120,4                            | 2014         | 71.4                             |
| <b>Total</b> |                                  | <b>2,159</b> |                                  |

Contracts with a value of 1,138 million euros were awarded to firms in Saxony and of 706 million euros to firms in Thuringia.

## Wismut GmbH real estate statistics as of December 2014

| Real estate holdings 1992  | Thuringia<br>2,360 ha | Saxony<br>1,040 ha |
|--|-----------------------|--------------------|
| <b>Reuse of sold real estate</b>   |                       |                    |
| Housing construction   | 2.0 ha                | 15.0 ha            |
| Mixed commercial/industrial use  | 190.5 ha              | 38.7 ha            |
| Agricultural and forestry use  | 297.6 ha              | 19.9 ha            |
| Public purposes (BUGA, spa park, sports grounds, roads etc.) + miscellaneous/private | 205.1 ha              | 52.1 ha            |
| Golf course  | –                     | 62.2 ha            |
| <b>Leasing of real estate</b>  |                       |                    |
| Cropland/meadows/pastureland   | 295.5 ha              | 63.1 ha            |

# Wismut GmbH arts collection

| Size                      |   |       |
|---------------------------|---|-------|
| 4,192<br>works<br>of art  | Graphics  | 3,354 |
|                           | Drawings  | 369   |
|                           | Paintings   | 281   |
|                           | Photographs   | 109   |
|                           | Sculptures  | 49    |
|                           | Assemblages   | 30    |
| Subjects                  |   |       |
|                           | Mining landscapes   | 330   |
|                           | Mining underground scenes   | 540   |
|                           | Miners’ portraits   | 227   |
|                           | Other subjects include landscapes, still lifes, animals, interiors, literary scenes, sports   |       |
| Artists                   |   |       |
| 475<br>Artists            | 384 artists from GDR arts centres   |       |
|                           | 68 amateur artists  |       |
|                           | 23 artists from former Eastern bloc countries   |       |
| Origins of the collection |   |       |
| 1959–1989                 | Purchases (oldest works from 1933) and commissioned works   |       |
| 1998                      | Portfolio “Metamorphosen”   |       |
| Since 1990                | Safeguarding of the artwork in the company archives, furnishing of corporate facilities with art, loans to museums and presentations at exhibitions |       |
| 2013                      | Exhibitions “Schicht im Schacht” in Chemnitz and “Sonnensucher” in Gera attracted some 15,000 visitors  |       |

## Major remediation projects of stewardship sites (as of December 2014)

*Completed and ongoing remedial activities 2003–2014*

| Major projects – above ground remediation                               | Municipality            | Costs |
|---|-------------------------|-------|
| Remediation of Dammhalde dry pond <sup>1</sup>                          | Johanngeorgenstadt      | €7.2m |
| Remediation waste rock site #296  | Aue                     | €3.9m |
| Remediation waste rock site shaft #278                                  | Schwarzenberg           | €3.1m |
| Restoration Lenckteich pond   | Lengenfeld              | €2.6m |
| Remediation waste rock site #54 <sup>2</sup>                            | Johanngeorgenstadt      | €2.5m |
| Remediation Haldenaufbereitung waste rock site <sup>2</sup>             | Johanngeorgenstadt      | €2.4m |
| Remediation Haberlandmühle waste rock site                              | Breitenbrunn/<br>Ergeb. | €2.3m |
| Remediation Zentralschachthalde waste rock site                         | Johanngeorgenstadt      | €2.1m |
| Stabilisation TMF* pond 1   | Freital                 | €1.6m |
| Remediation waste rock site shaft #241                                  | Tannenbergsthal         | €1.4m |
| Major projects – underground remediation                                | Municipality            | Costs |
| Mine workings stabilisation sector A                                    | Johanngeorgenstadt      | €4.9m |
| Construction and remediation work Kirchplatz area <sup>1</sup>          | Schneeberg              | €3.9m |
| Mine workings stabilisation Sehmatatal area <sup>1</sup>                | Sehmatal                | €3.0m |
| Mine workings stabilisation Gang Parallel                               | Wolkenstein             | €2.2m |
| Water discharge Markus-Semmler-Stolln <sup>2</sup>                      | Schneeberg              | €2.0m |
| Mine workings stabilisation sector B                                    | Johanngeorgenstadt      | €1.8m |
| Surface subsidence Dörfler Weg, raise drift 15/2 <sup>1</sup>           | Annaberg-Buchholz       | €1.8m |
| Plugging shaft 302  | Marienberg              | €1.5m |
| Mine workings stabilisation Zeller Berg <sup>2</sup>                    | Aue                     | €1.4m |
| Mine workings stabilisation Gang 57 and 57a <sup>2</sup> , respectively | Raschau-Markersbach     | €1.4m |

1 Remediation ongoing

2 Remediation/Stabilisation of further segments planned

\* TMF = tailings management facility

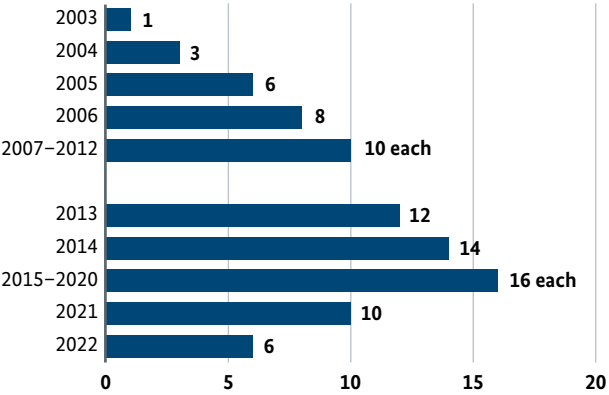
# Major remediation projects of stewardship sites (as of December 2014)

*Scheduled remedial works starting in 2015*

| Major projects – above ground remediation                 | Municipality         |
|---|----------------------|
| Remediation TMF* pond 4                                   | Freital              |
| Area remediation Rajewsky-Straße                          | Bad Schlema          |
| Remediation TMF* Hakenkrümme                              | Aue                  |
| Remediation Collmberghalde waste rock site                | Dresden              |
| Remediation Uranus waste rock sites and plant areas       | Annaberg-Buchholz    |
| Remediation Plohnbach creek downstream of Lenckteich pond | Lengenfeld           |
| Remediation Dänkritz II TMF*                              | Zwickau              |
| Remediation waste rock site #65                           | Bad Schlema          |
| Major projects – underground remediation                  | Municipality         |
| Stabilisation field/shafts 44 + 48                        | Wolkenstein          |
| Stabilisation Mildenau/Königswald prospection area        | Mildenau             |
| Stabilisation shaft area Uranus I to III                  | Annaberg-Buchholz    |
| Schneeberg ventilation project                            | Schneeberg           |
| Mine workings stabilisation Burkhardtswald area           | Lauter               |
| Mine water discharge Tiefer Jung Andreas Stolln           | Annaberg-Buchholz    |
| Stabilisation Rittersgrün shaft area 206                  | Breitenbrunn/Erzgeb. |
| Stabilisation Geyer prospection area                      | Geyer                |

\* TMF = tailings management facility

## Financing of stewardship sites in Saxony (in millions of euros)



## Survey map of stewardship sites



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