

5. **Register of documents related to environmental burdens** – contains such documents as final decisions on the determination of obliged persons and final decisions on the approval of a work plan.
6. **Atlas of Remediation Methods for Contaminated Sites** provides examples of practical use and enables an interactive link between the remediation method and remediated site registered in ISEB. It allows for searching the information by remediation methods and pollutants.

The search in Registers of ISEB is possible through attributes, according to risk categories, locations or activities, or through a web mapping applications. Print reports in *.pdf, containing selected retrieved data, can be saved or printed.

More information:

<http://www.enviroportal.sk/environmentalne-temy/vybrane-environmentalne-problemy/environmentalne-zataze/informacny-system-ez>

Integrated application interface for interconnection of the Registers of the Public Administration Information System

An important part of the State Remediation Programme of Environmental Burdens (2010 – 2015) is interconnection of the Information System of Environmental Burdens and other information systems. These interconnections are conducted in cooperation with organizations subordinated to the Ministry of the Environment of the Slovak Republic and the Ministry of Agriculture and Rural Development of the Slovak Republic. The Information System of Environmental Burdens is interconnected with following information systems:

1. **Integrated Monitoring of Pollution Sources**
(Administrator: Water Research Institute)
2. **Register of Landfills**
(Administrator: State Geological Institute of Dionýz Štúr)
3. **Geofond**
(Administrator: State Geological Institute of Dionýz Štúr)

4. **Partial Monitoring System – Anthropogenic sediment character of old environmental burdens**
(Administrator: State Geological Institute of Dionýz Štúr)
5. **Information System for Monitoring of Environmental burdens**
(Administrator: State Geological Institute of Dionýz Štúr)
6. **National list of Specially Protected Areas – part of protected areas**
(Administrator: State Nature Conservancy of the Slovak Republic)
7. **State list of Specially Protected Areas – part of protected trees** (Administrator: State Nature Conservancy of the Slovak Republic)
8. **Database of protected territories of EU Member States – NATURA 2000** (Administrator: State Nature Conservancy of the Slovak Republic)
9. **Register of Ramsar wetland sites, UNESCO sites and Biosphere Reserves** (Administrator: State Nature Conservancy of the Slovak Republic)
10. **Professional Technical and Safety Supervision over the Dams and other Water Construction in Slovakia**
(Administrator: Watermanagement Construction, s. e.)
11. **Partial Monitoring System – Soils** (Administrator: Soil Science and Conservation Research Institute)
12. **Information System for Preventing of Major Industrial Accidents** (Administrator: Slovak Environmental Agency)
13. **Information System for the Mining Waste Management**
(Administrator: Slovak Environmental Agency)



Environmental Burdens in Slovakia

Basic information for professionals



Definitions

Environmental burden

is a site, where hazardous substance caused by human activities, poses a significant risk to human health or to the environment, soil and groundwater, except environmental damage (Directive 2004/35/EC).

Potential environmental burden

is a site, where presence of contaminated soil is reasonably expected (potential soil-contaminating activities have taken place in the past).

Originator

is any person whose activities cause an environmental burden, except in cases where:

- the state has undertaken the obligation to remedy an environmental burden under an agreement concluded before the coming into effect of this Act or under a decision of the government of the Slovak Republic, or
- the environmental burden was created as a result of waste disposal in accordance with a valid permit.

Remediation of environmental burden

are works carried out in the environment, groundwater and soil in order to eliminate, reduce or contain the contamination to a level of acceptable risk, with respect to current and future land use.

Legislation

- Act No. 409/2011 Coll. on certain measures in relation to environmental burdens and on the amendment of certain acts**
The Act entered into force on January 1st, 2012.
- Act No. 569/2007 Coll. on geological works (Geological Act), as amended**
The Act entered into force on January 1st, 2008.
- The Regulation of the MoE SR No. 51/2008 Coll. implementing the Geological Act**
The Regulation entered into force on February 15th, 2008.

Strategic document

- The State Remediation Programme of Environmental Burdens (2010 – 2015)**
represents the basic strategic document for management of contaminated sites in Slovakia, which determines the tasks to gradually reduce the negative impacts of environmental burdens on human health and the environment. The programme is in full compliance with the Water Plan of the Slovak Republic.
More information: <http://www.minzp.sk/files/skody-a-havarie/enviro-zataze/statny-program-sanacie.pdf>



Guidelines of the Ministry of Environment of the Slovak Republic (MoE SR)

- Guideline of MoE SR No. 1/2012-7 on the analysis of the risk of pollution of the territory**
More information: http://enviroportal.sk/uploads/2011/07/page/environmentalne-temy/envi_4/MP_01_2012opr.pdf
- Methodological guideline on Work plan according to the Act No. 409/2011 on certain measures in relation to environmental burdens and on the amendment of certain acts (December 20th, 2010).**
More information: <http://www.enviroportal.sk/uploads/files/EZ/Planpracfinal.pdf>



- Guideline for the use of the Information System of Environmental Burdens (1st update from 08/2012)**
More information: http://www.enviroportal.sk/uploads/2011/07/page/environmentalne-temy/vybr_10/Manual_ISEZ_web_aktualizacia.pdf
- Guideline for the registration of environmental burdens in the Information System of Environmental Burdens**
More information: http://www.enviroportal.sk/uploads/2013/01/Pokyn_naplnanie_ISEZ.pdf



Investícia do vašej budúcnosti!



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SLOVENSKÁ AGENTÚRA ŽIVOTNÉHO PROSTREDIA SLOVAK ENVIRONMENTAL AGENCY

Information system of Environmental Burdens (ISEB)

ISEB serves for collection of data and provides information about environmental burdens. ISEB is a part of the Public Administration Information System (according to § 20a, paragraph 1 of the Act No. 569/2007 Coll. on geological works (Geological Act), as amended).

The Ministry of the Environment of the Slovak Republic establishes and operates ISEB and makes the data available for the public except the information about potential environmental burdens according to the special regulation. Public authorities and legal entities managing public funds are required to promptly provide free information related to environmental burdens to the operator of ISEB. The actual and verified data are freely accessible to the users of ISEB.

ISEB Webmaster:

Ministry of Environment of the Slovak Republic
Geology and Natural Resources Division,
Environmental Geology Department, Bratislava

ISEB Administrator:

Slovak Environment Agency
Banska Bystrica



Presentation interface of ISEB is integrated into the web portal Enviroportal and is available at:

<http://envirozataze.enviroportal.sk>

Web application allows to search, view and print information which are in the **Registers of ISEB**:

- Register of Environmental Burdens** consisting of three registers:
 - **REG A** – contains the records of potential environmental burdens,
 - **REG B** – contains the records of environmental burdens,
 - **REG C** – contains the records of remediated and reclaimed sites.
- Register of professional competence** – established by the Ministry of the Environment of the SR according to Act No. 569/2007 Coll. on geological works (Geological Act), as amended. It contains a list of qualified persons including their contact information and type of geological license.
- Register of geological licenses** – established by the Ministry of the Environment of the SR according to Act No. 569/2007 Coll. on geological works (Geological Act), as amended. It contains a list of geological licenses issued to sole traders and legal entities, including their contact information.
- State Remediation Programme of Environmental Burdens (2010 – 2015)** – represents the basic strategic document for management of contaminated sites in Slovakia, which contains a list of high-priority sites, where geological works have to be urgently carried out.

Information leaflet **Environmental Burdens in Slovakia – basic information for professionals** – aims to provide professional public basic information about the issue of environmental burdens in Slovakia. It provides the most important definitions, an overview of Acts, knowledge about Information System of Environmental Burdens, possibilities of funding and other sources of information.

This leaflet is one of the activities of the project **Education and Public Awareness as a Support in Contaminated Sites Remediation in SR**. This project is co-financed by the Cohesion Fund of the European Union under the Operational Programme Environment.

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Projects focused on the issue of contaminated sites

- **Systematic Identification of Environmental Burdens in the Slovak Republic (2006 – 2008)**

Project leader: Slovak Environmental Agency

The main goal of the project was the identification of potential environmental burdens and environmental burdens in the Slovak Republic (information on distribution, character and predicted risk level of the identified environmental burdens) and to set up the Register of Environmental burdens. More information:

<http://www.sazp.sk/public/index/go.php?id=1433>

- **Regional Studies of the Environmental Impacts of the Environmental Burdens in Selected Regions (2008 – 2010)**

Project leader: Slovak Environmental Agency

The main goal of the project was the assessment of environmental burdens impact in selected regions of the Slovak Republic. More information:

<http://www.sazp.sk/public/index/go.php?id=1745>

- **Atlas of Remediation Methods for Contaminated Sites (2010 – 2011)**

Project leader: State Geological Institute of Dionýz Štúr

The publication contains basic information about theoretical and practical issues of the implementation of remediation methods (their applicability). More information:

<http://www.minzp.sk/files/sekcia-geologie-prirodných-zdrojov/atlas-sanacnych-metod-environmentálnych-zatazi.pdf>

- **The Upgrade of the Information System of Environmental Burdens and its Interconnection with other Information Systems (2010 – 2014)**

Project leader: Slovak Environmental Agency

The main goal of the project is the upgrade of the Information System of Environmental Burdens, its interconnection with other information systems and educational campaign on environmental burdens. More information:

<http://www.sazp.sk/public/index/go.php?id=1746>



- **Education and Public Awareness as a Support in Contaminated Sites Remediation in SR (2012 – 2015)**

Project leader: Slovak Environmental Agency

The main goal of the project is to increase the public awareness in matters of environmental burdens, including their remediation. More information:

<http://www.sazp.sk/public/index/go.php?id=2222>

- **Monitoring of Environmental Burdens at Priority Sites in the Slovak Republic (2012 – 2015)**

Project leader: State Geological Institute of Dionýz Štúr

The main goal of the project is to set up a monitoring system for high- and medium-risk environmental burdens.

More information: <http://www.geology.sk/new/sk/node/116>

- **Geological Survey of Environmental Burdens at Priority Sites in the Slovak Republic (2013 – 2014)**

Project leader: Ministry of the Environment of the Slovak Republic

The main goal of the project is a detailed geological survey of potential environmental burdens and environmental burdens, including environmental and health risks assessment as a basis for remediation feasibility studies. More information:

<http://www.minzp.sk/sluzby/oznamenia-verejnej-sutazi/oznamenia-vyhlaseni-verejneho-obstaravania/1prieskum-environmentálnych-zatazi-vybranych-lokalitach-slovenskej-republiky.html>

Funding of environmental burdens

- **State budget**

supports funding of environmental burdens according to the State Remediation Programme of Environmental Burdens (2010 – 2015). More information:

<http://www.minzp.sk/files/skody-a-havarie/enviro-zataze/statny-program-sanacie.pdf>

- **Environmental Fund**

provides financial support in the form of grants and loans. There are 8 specific areas (A – H) in 2014. The area F – **Investigation, research and development focused on identification and improvement of the state of the environment** – will support the issues of environmental burdens.

More information: <http://www.envirofond.sk/sk/>

- **EU Funds – Cohesion Fund and European Regional Development Fund**

The co-financing from EU funds is implemented through the Operational Programme Environment (2007 – 2013) through its 5 priority axes. The issue of environmental burdens belongs to the priority axis no. 4 Waste Management. Projects can be funded till the end of 2015 according to EU rules.

The **Operational Programme Quality of Environment** is the new operational programme for the next programming period (2014 – 2020). Financing of environmental burdens is planned by the priority axis Sustainable use of natural resources through the development of environmental infrastructure.

More information: <http://www.opzp.sk>

- **Private sector**

takes part in financing the issue of environmental burdens in particular the obligations under the Act No. 409/2011 Coll. on certain measures in relation to environmental burdens and on the amendment of certain acts.

Act No. 409/2011 Coll. download:

http://www.minzp.sk/files/sekcia-geologie-prirodných-zdrojov/409_2011.pdf