

Activities of the Ministry of the Environment

- Systematic inventory of contaminated sites in Slovakia (2006 2008)
- Information System of Contaminated Sites (2008 2010)
- The State Programme of Contaminated Sites Remediation (2010 – 2015) was approved by the Slovak government in March 2010
- The Operational Programme Environment 2007-2013 has been implemented

Activities of the Ministry of the Environment - cont.

- New legislation on contaminated sites was approved (2009, 2011)
- New methodical manuals were proposed and approved
- 250 Civil servants have been trained
- 80 employees of private sector were trained
- Public information campaign was carried out (paper publications, movie, articles)
- Priorities for the new financial mechanism for 2014 -2020 were proposed

Projects focused on contaminated sites

- Exploration of contaminated sites (54 localities) on going
- Monitoring of contaminated sites (160 localities) on going
- Remediation of contaminated sites (19 localities) in preparation

Projects focused on contaminated sites

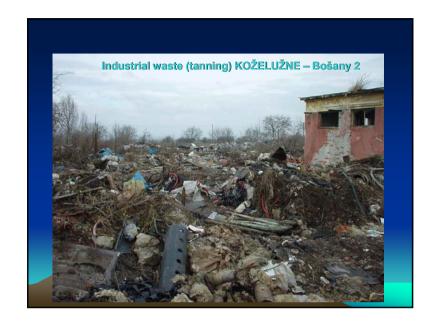
- Regional studies of contaminated sites impact assessment
- Atlas of remediation technologies
- Information system of contaminated sites finalization on going
- Education and public awareness as a support in contaminated sites remediation in SR – on going

Results of Systematic inventory

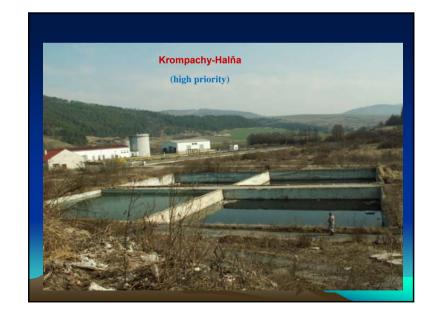
- Long list of suspicious localities 12 000
- Checked in field 6 000 localities
- Registered 1819 localities
 - ➤ Contaminated sites 257
 - ≻Remediated sites 684
 - ➤ Potential contaminated sites 878

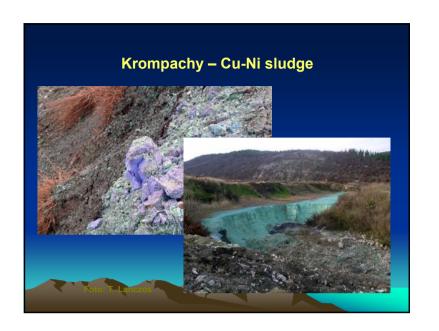


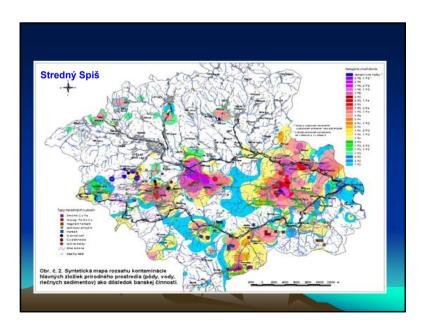




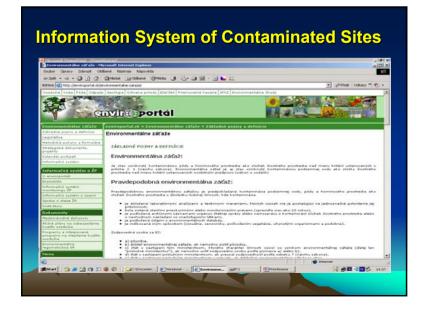






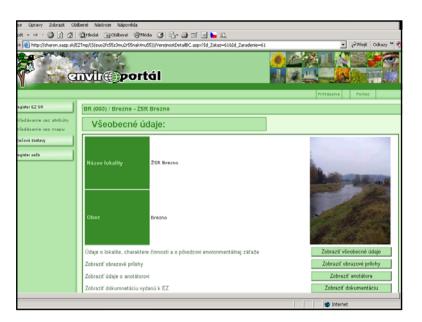


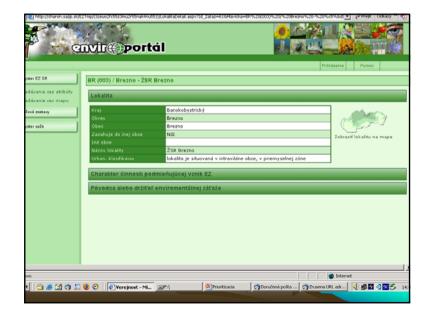


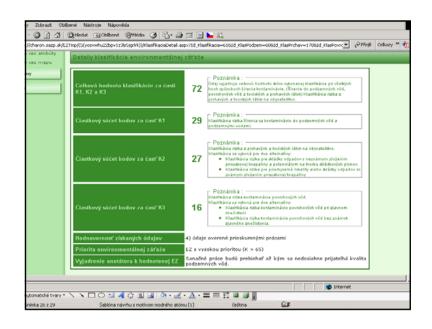


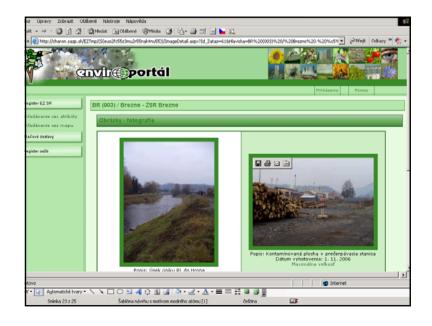




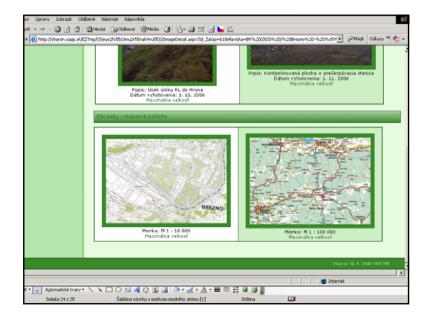


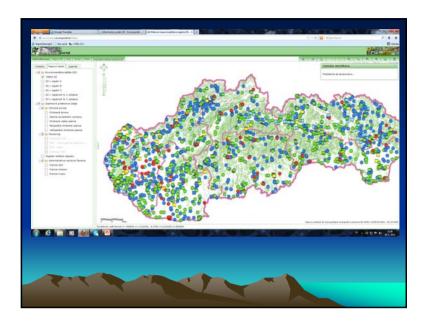


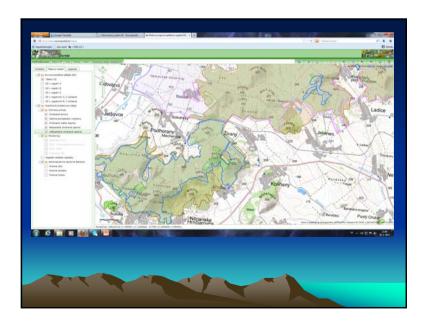


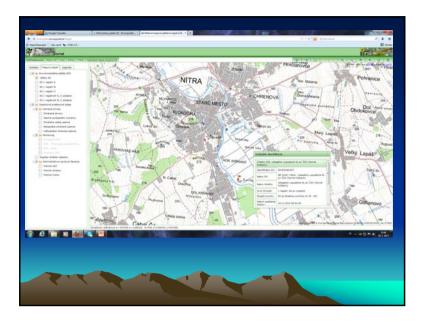




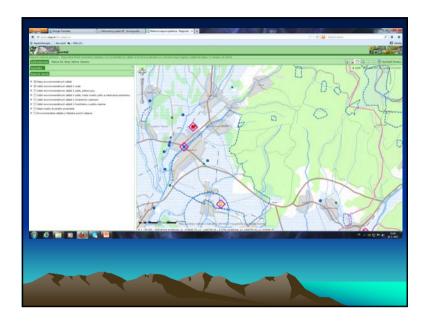












Legislation - cont.

- Act No. 409/2011 Coll. on certain measures in relation to contaminated sites and on the amendment of certain acts
 - Identification of contaminated site
 - Determination of obliged person
 - Duties of obliged person
 - Work plan for remediation of contaminated site
 - State administration
 - Penalties

Legislation

- Act No. 569/2007 Coll. on geological works (Geological Act)
- Definitions of:
 - contaminated site and probable contaminated site
 - geological investigation of the environment including investigation of probable contaminated sites and contaminated sites
 - remediation of contaminated sites
 - Information system of contaminated sites
 - State programme of contaminated sites remediation
 - professional geologic supervision
- Regulation of the MoE SR No. 51/2008 Coll. implementing the Geological Act
- New methodological manuals and guidelines

Creation of state administration in the field of contaminated sites

Bodies of state administration in the field of contaminated sites are:

- a) Ministry of the Environment of the Slovak Republic
- b) Regional Environmental Offices
- c) Slovak Environmental Inspectorate



Identification of contaminated sites

- everybody who suspects the presence of contamination in the country may inform the MoE or the Regional Environmental Office.
- Information can be submitted in paper form, electronic form or orally.
- MoE makes sure whether the site is really contaminated, then completes registration form, classifies it and inserts into the information system of contaminated sites.
- This way there were 63 suspicious sites audited in 2012.
- 10 of them were identified as probable contaminated sites and localities were inserted into the information system.
- Identification of contaminated sites and updating of information system are performed by the Slovak Environmental Agency.

Relevant ministry

- If a body or a person liable for contaminated site cannot be determined, the procedure is stopped,
- The Government of the Slovak Republic decides which ministry can assume responsibilities of the liable person and manage the remediation.
- In April 2013 the Slovak Government adopted the Resolution No. 150/2013, where the Ministry of the Environment and the Ministry of the Defence were entrusted to manage remediation of 19 contaminated sites.

Responsibility for contaminated sites

- The law provides a way of determining responsible body for contaminated site and
- according to the polluter pay principle introduces a definition of an originator of contaminated site.
- The originator is anyone who by his activities has caused contamination. The originator is directly responsible for contaminated site remediation.
- If the originator folded (the company no longer exists) or died (if an individual), the regional environmental office determines in the proceedings that a legal successor or a property owner may be responsible for contaminated site remediation.
- In 2012, there were 37 proceedings initiated, 31 of them were finished.

Working plan for contaminated site remediation

- The Working plan for contaminated site remediation represents the basic planning document which should be submitted for approval to the Regional Environmental Office.
- Up till now more than 20 of them were submitted.
- After the approval the Working plans will be published in the Information system of contaminated sites and will be available to the public.

Summary

- The new law has created especial conditions for further progress of the works in this issue and
- allows removing the barriers that make impossible to remediate the contaminated sites.
- Its importance for drawing EU funds,
- The law on contaminated sites appears to be viable and useful and
- the set conditions will bring benefit for all of us and also for future generations.

The most important short-term measures

- To adopt a legal regulation for the field of contaminated sites, as well as related implementation regulation,
- To adopt related methodical instructions and methodical guidelines for contaminated sites,
- To identify, propose and adopt financial mechanisms, to propose economic tools,
- To ensure covering of financial expenses needed for contaminated sites,
- To ensure thorough application of "polluter-pays principle".
- To support research and implementation of innovative investigation and monitoring methods,

Short term goals of the MoE

- To fulfil the overall objectives of the State Programme of Contaminated Sites Remediation
- a) to ensure complex and systematic solution of the contaminated sites issue
- b) to ensure protection of human health and environment in contaminated sites
- c) to ensure the implementation of measures resulting from the EU directives
- d) to ensure stepwise removal of contaminated sites and minimisation of the risks resulting from them
- 2. To manage financial source for this issue

Cont.

- To ensure elaboration of risk analyses for the most risky contaminated sites. .
- To support research and implementation of innovative remediation technologies,
- To support projects focused on application of the best available techniques during remediation,
- · To ensure control of investigation activities,
- To elaborate the Atlas of remediation technologies,
- To elaborate and implement training plan for the employees of governmental and self-governmental authorities for management of contaminated sites,
- To elaborate and implement training plan for project managers of investigation, remediation and monitoring projects,

Cont.

- To support activities focused on social and political recognition of the issue (e.g. conferences, workshops, information campaigns, publication activities etc.),
- To support projects of environmental education,
- To finalise development of the IS CS, to upgrade and operate it,
- To enable to public to report the suspect sites via IS CS.
- To implement system of assessment, registration and classification of randomly identified suspect sites,
- To ensure meeting of reporting obligations towards the EU.



