

SLOVAK ENVIRONMENT AGENCY

is implementing an activity



INTERNATIONAL CONFERENCE
CONTAMINATED SITES
ZNEČISTENÉ ÚZEMIA
MEDZINÁRODNÁ KONFERENCIA

INTERNATIONAL CONFERENCE

CONTAMINATED SITES 2018

BANSKÁ BYSTRICA, SLOVAK REPUBLIC, 8 – 10 OCTOBER 2018

*The activity has been implemented within the framework of national project
Information and providing advice on improving the quality of environment in Slovakia.
The project is cofinanced by Cohesion Fund of the EU under Operational programme Quality of Environment.*

CONTAMINATED SITES IN THE CZECH REPUBLIC

Present state and perspektive

Richard Příbyl

Ministry of the Environment, Czech Republic

richard.pribyl@mzp.cz

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of the Czech Republic



Area:

78 866 km²

Population:

10.6 million

Capital:

Prague

Currency:

Czech Crown (CZK)
(approx. 26 CZK / EUR)

**Number of registered
contaminated sites:**

approx. 5 000





- Old environmental burdens connected with Privatization
- Operational programs:
 - Environment (EU Structural funds)
 - National environmental program
- Remediation of former Soviet Army military bases in CR
- Revitalization and restoration of sites damaged by mining of minerals and oil - main gestor Ministry of Industry
- Other agenda (methodological instructions and directives
 - risk assessment, exploration works, inventarization, etc.)



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Old sites remediation connected with Privatization



- Beginning of remediation activities: 1991
- Source of funding – so called Privatization Fund



- Government Regulation 51/2001 and Directive of MoE and MoF 4/2017
- Polluter pays principles
- Czech Environmental Inspectorate
- 2012 – 2014: no new contracts -> updating the ongoing projects. completion of remediation activities: depending on available financial sources
- priorities for 2015 - 2018: 10 locations per year (cooperation of MoE, MoF and Czech Environmental Inspectorate)

	Ecological contracts	Guarantees
Since 1991	325	175.7 billion CZK = 6.8 billion EUR
Finished by 2017	179	34.4 billion CZK = 1.3 billion EUR (21 billion CZK paid) = 0.8 billion EUR
Current status	146	141.3 billion CZK = 5.4 billion EUR



Amount in concluded contracts	43.7 billion CZK = 1.7 billion EUR
Reimbursed by the end of 2017	61.6 billion CZK = 2.4. billion EUR

Financial reimbursement in the years 2007 - 2017 in billion CZK

2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
4.7	3.6	5.4	3.5	3.4	3.4	2.3	1.2	0.8	0.7	0.7



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Operational programs in the CR

Operational environmental program

2007 – 2013

Accepted 183 projects

5.245 billion CZK from Cohesion
fund

2014 – 2020

Estimated costs: 3.16 billion CZK

National environmental program

- Notice to remove and cultivate illegal dumping, old ecological damages, where local authorities have used all possible means
- 100 million CZK



OPERAČNÍ PROGRAM
ŽIVOTNÍ PROSTŘEDÍ



EVROPSKÁ UNIE
Fond soudržnosti

Pro vodu,
vzduch a přírodu



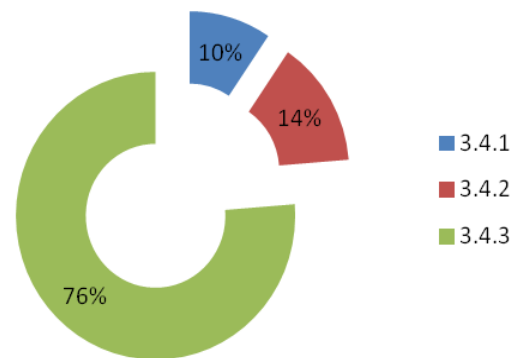
New programming period - Support area 3.4

Complete inventory and eliminate the environmental burden

- **115 468 727 € =**
3 163 843 120 CZK

- 3.4.1. Inventory
300 105 000 CZK
- 3.4.2. Survey works and risk analysis
450 157 500 CZK
- 3.4.3. Remediation works
2 413 580 620 CZK

Rozložení alokací SC 3.4





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Remediation of former Soviet Army military bases in CR



- 115 contaminated sites (mainly petroleum and chlorinated hydrocarbons)
 - area Milovice, Ralsko, Hradčany airport
- Total remediation costs: approx. 60 million EUR
- Beginning of remediation activities: 1991
- Completion of remediation activities: maybe 2027



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Revitalization and restoration of sites damaged by mining of minerals and oil

- The main gestor – Ministry of Industry
- Damages from the past – Governmental Resolution from 2002
- 3 areas, 6 commissions
- Ministry of the Environment as specialized adviser

Ústecký and Karlovarský region	18 billion CZK
Moravskoslezský region and South Morava	21 billion CZK
Kladenský region	1.9 billion CZK



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Supported actions

- Revitalization of forests and agricultural sites
- Revitalization of bodies of water and bio corridors
- Cultivation of sites for settlement and leisure time
- Cultivation of building sites and infrastructure





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Former surface coal mine – now lake Milada





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Applicants for support

- Privatized mining companies
- State-owned enterprises (Diamo, PKU)
- Regions, municipalities





Other agenda

- Methodology: Pollution indicators, Risk analysis, Feasibility study, Samples etc.
- Basic principles:
 - Socially acceptable level of environmental and health risks
 - Future use of the territory (suitable for use)
 - Continuous proces, evaluation of contamination data, potential re-assessment of remediation goals after completion of the first phase of remediation measures (Updated Risk Assessment)
- Evidence of contaminated locations – SEKM/NIKM, prioritizing
- Ecological damage prevention law



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Thank you for your kind attention.

