



## Geological works were realized in the extent of:

- a pre-remedial survey evaluated by a partial final report with an updated risk analysis
- sanitation of selected buildings (3 washing bridges)
- ex-situ soil remediation, in-situ soil remediation at 5 sub-sites and in-situ groundwater remediation at 8 sub-sites
- post-remediation monitoring and evaluation of remediation works by a final report with a post-remediation risk analysis



**Customer:**



Ministry of Defense of the Slovak Republic  
Kutuzovova 8  
832 47 Bratislava

**Contractor of geological works:**



EBA, Ltd.  
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851 01 Bratislava



ENVIGEO, Inc.  
Kynceľovská cesta 2/8  
974 11 Banská Bystrica



### Remediation methods used:

- ex-situ soil remediation (removal of soil from its original deposit and its decontamination on the decontamination area)

### Applied methods of in-situ soil remediation:

- elution and biotransformation (gravitational infiltration and pressure grouting)
- aeration by tipping
- supported biosanation

### Applied methods of in-situ groundwater remediation:

- in-situ chemical oxidation (ISCO)
- supported natural attenuation
- remediation pumping and groundwater treatment



Budget of the geological task: **1,414 mil. €** (excluding VAT)

Solution time: **oct 31, 2014 - dec 31, 2015**



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