

## Remediation Programme for the Uranium Mines in Southern Bulgaria

C&E · Consulting und  
Engineering GmbH



D-09117 Chemnitz • Jagdschänkenstraße 52  
Tel.: +49 (0) 371 881 4228 • Fax: +49 (0) 371 881 4311  
E-mail: [info@cue-chemnitz.de](mailto:info@cue-chemnitz.de)  
Internet: [www.cue-chemnitz.de](http://www.cue-chemnitz.de)

**Project target:** Elaboration of a remediation concept including technical design and tender documents for remediation and securing of above and underground mining object at the locations Eleshnitsa, Dospat and Smolian

**Location:** Eleshnitsa/ Dospat/  
Smolian  
South Bulgaria

**Client:** Ministry of Regional  
Development and  
Public Works,  
Bulgaria

**Beneficiary:** Ecoengineering RM

**Duration:** 2003 – 2005



### Initial situation:

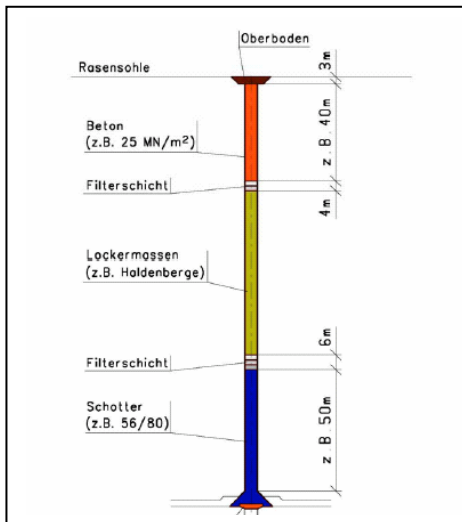
The Uranium mining the Southern Bulgarian mining districts ceased in the early 1990s. No long lasting closure of the shafts and adits according to European regulations took place. Heavily contaminated dumps have not only unsufficiently been covered. With the flooding of the underground mines the danger of mine collapses developed. Especially nearby settlement were endangered by this. Erosion of the dumps was leading to the increased migration of contaminants into the rivers and the ground water. Remediation concepts had to be developed for measures for immediate hazard protection as well as for long term minimisation of contamination and long term closure of all open mining objects according to European standards.

# Remediation Programme for the Uranium Mines in Southern Bulgaria

C&E · Consulting und Engineering GmbH



D-09117 Chemnitz • Jagdschänkenstraße 52  
 Tel.: +49 (0) 371 881 4228 • Fax: +49 (0) 371 881 4311  
 E-mail: info@cue-chemnitz.de  
 Internet: www.cue-chemnitz.de



## Services provided:

- Environmental assessment of the existing situation, risk assessment
- Design and implementation of a short term monitoring program
- Elaboration of remediation concepts and variant comparison
- Determination of 5 priority objects for remediation measures
- Technical design and tender documents according to FIDIC (Yellow Book) for all priority objects
- Concepts for long term Monitoring

