

Development of the Tailings Pond Water Balance

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

Project target: Technical support to the central and eastern European countries in the preparation of environmentally sound remediation of tailings ponds.

Location: Czech Republic

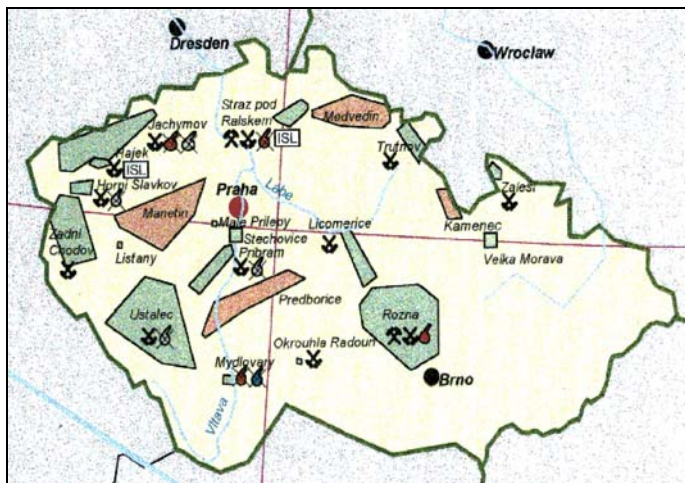
Client: European Commission

Beneficiary: CEEC

Time period: 1998 – 1999

Budget: 390,000 EURO

Initial situation:



In Bulgaria, the Czech Republic, Estonia, Hungary, Poland, Romania and Slovenia there is a multitude of radioactive ponds containing the tailings of the former and currently still operating uranium milling.

The uranium milling plant in Dolni Rozinka was selected as an example demonstrating the water balance and pollutant situation before and after the remediation.



Main tasks:

- Modelling of the water balance and pollutant situation for the actual and future state.
- Investigation of the structure and stability of the tailings and the surroundings.
- Training of experts of the participating countries in the contents and application of the installed computer software.
- Recommendations for an improved water management, water treatment technologies and remediation concepts of the tailings pond.

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