

Project to minimize risks and risk prevention for Industrial tailing of the Romanian mining industry including training measures



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Objective: Development of a regional early warning and response system for the monitoring of industrial tailings. Planning and dimensioning of subject-related monitoring installations. Planning tenders and monitoring of the installation of a computer-assisted warning and information system. Revision and generation of internal and external crisis response plans for 7 manufacturers industrial tailing ponds. Execution of training measures with local authorities and employees of the mining companies. The core objective of the project is to support the National Agency for Mineral Resources in the development and installation Emergency Preparedness and Response Plans and associated monitoring systems for mud ponds of the mining industry in the catchment of the Tisza.

Location: Romania

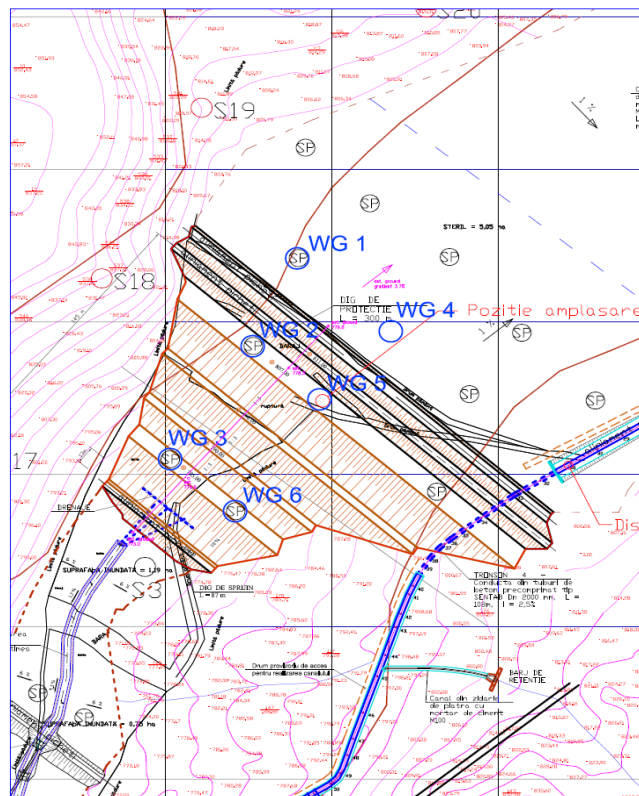
Client: National Agency for Mineral Resources

Beneficiary: Mining Companies and County Centres for emergency Situations

Duration: 2007-2009

Budget: 386.000 €

Initial Situation:



Upon closure of a large number of mines of gold, copper and lead-zinc production in Romania there is a high risk of failure of closed mud ponds until the completion of a long-range-safe custody of the objects. In case of a dam failure beside the impairment of local protective goods (human health, water and ground) transnational effects are to be expected over the catchment area of the Tisza..

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Scope of services:

- Review and updating of the existing Emergency Preparedness and Response Plans (EPRRs)
- Preparation and execution of the training programs for members of the International Task Force on the catchment of the Tisza



- Strengthening of the regional mine spill disaster response system
- Investigation and evaluation of incidents and accidents
- Planning of local monitoring devices for monitoring the sludge ponds (ground water level, flow meters, CCTV).

- Preparation of Technical requirements for the acquisition and acquisition of hardware, software needed for the system implementation
- Simulation Exercise of emergency Situations and running Training courses for Operators and Beneficiaries
- Definition of a central database and software for the transfer, evaluation and protection of collected data into a central monitoring of the AG(plc)

