

EnvPollMod Site Assessment for the geothermal use of thermal water

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Project Objective: Development of a innovative site assessment model for the geothermal use of thermal water in Hungary and also prognosis of environmental contamination in case the thermal water injection will be absent

Location: Hungary

Client: AiF

Beneficiary: AiF

Year: 2003 - 2005

Budget: 300.000 €



Initial situation:

Hungary is a European country with a lot of thermal and hydrothermal reservoirs. The existing partly mineralised thermal resources are mostly used without reinjection and have been inserted into the surface water.

Services provided:

- Literature / data / patent research
- Realisation of the necessary chemical-physical laboratory analyses as well as microbiological investigations
- Development and carrying out of column, batch and field tests for the modelling
- Classification of parameters
- Development of the site assessment model
- Development of the model for material expansion
- Ecological and economic site assessment

