

## Challenge

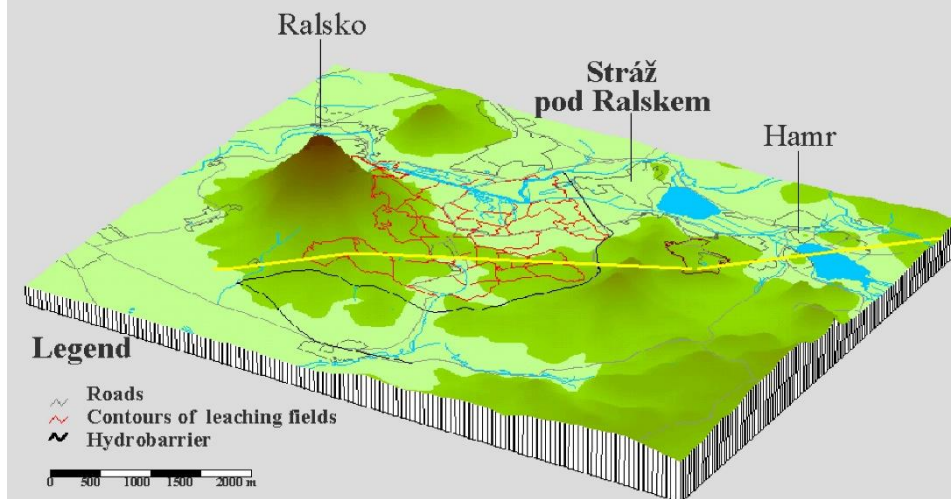
Modelling underground flow and transport of dissolved uranium in Northern Bohemia

## Computational fluid flow

- Discretization of the modelling grid determined by existing drilling holes differing by depth and quality.
- To reduce cost and time of the simulation to be used for predictions in leaching as well as in remediation.



## Location of Leaching Fields



## Benefits

The company obtained computational software. Analysis of various theoretical and practical approaches was published to motivate solving further problems.

**H2020 SOCIETAL CHALLENGES**

**Careful ecological treatment of natural resources**

