Water expertise in National Institute for Health and Welfare (THL)
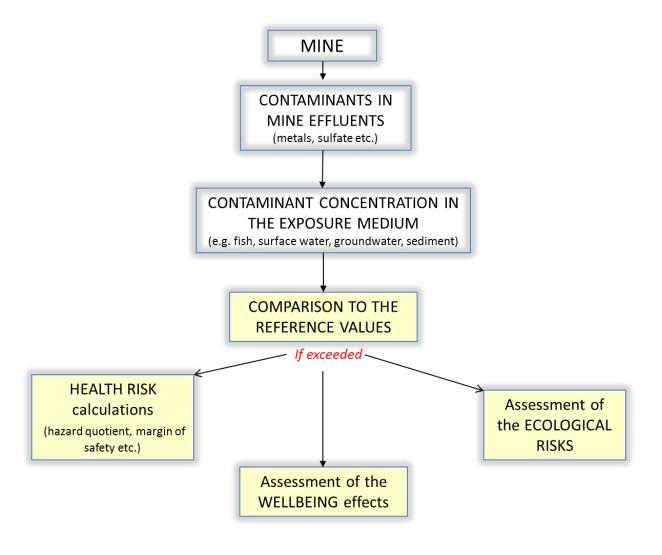

- **Research is required to maintain the good expertise**
  - Reliable information to support decision making process
- Effect of water quality for human health
  - Drinking waters, hot tap waters, bathing waters, pool waters, cooling waters, industrial process waters, wastewaters, mine effluents…
  - Contaminants in water
  - Water quality monitoring techniques
  - Consultancy and analytical tools in waterborne outbreaks (valmiustoiminta)

KAVERI model: a modeling tool for the mine effluent risk assessment and management

- Mine effluents make up a possible risk to the environment and human health.

- As part of the Finnish Mine Water Network, an on-line modeling tool (KAVERI model) for the mine effluent risk assessment and management is being developed.

- KAVERI model enables efficient assessment of the ecological and health risks related to mine effluents.

- KAVERI model will be openly available by the end of 2017at Opasnet (www.opasnet.fi). At the moment it is password-protected.

- KAVERI model can be used for the risk assessment of industrial waste waters in general; in principle for any substance for which the necessary information is available.

- If you would like to test KAVERI model contact: marjo.niittynen@thl.fi or paivi.merilainen@thl.fi

THL

Risk assessment process in KAVERI model

TERVEYDEN JA HYVINVOINNIN LAITOS