

OBIWAM Ore Bodies Imaged With Atmospheric Muons

by



MUON
SOLUTIONS




SAXORE
BERGBAU



This project will use Muography, a novel technology, which needs to be verified in a known geological setting. The main goals are: detecting the dense ore horizon, detecting the indicators of known voids (i.e., tunnels) from the density data, guiding further detector R&D, and removing barriers from the successful commercialization of the used detectors. Those will be achieved by imaging the dense ore horizon (from a suitable location) and the underground voids and tunnels (from below) and to compare the results with existing mine models and maps.

Vertical sector addressed

- Mining
- Raw materials

Challenges tackled by SMEs

- New innovation technologies
- Towards the digital world

Key actions addressed

- KA 1
- KA 2
- KA 3
- KA 5

MINE-Demo scheme

