MINE.THE.GAP

SMARTMINING: Smart raw materials exploration and operational Monitoring for mining optimization

by

TERRA DAT
down to earth geophysics

Lacilla
Grupo

The SmartMining team will create a 3D mining model with geophysics and the monitoring of the mobile fleet, along with the integration of non-invasive mineral exploration, mobile fleet monitoring and mining operations. The achievement of these goals will confirm that a good geological knowledge provides the exploitation of high-grade mineralization areas and reduce the environmental footprint by decreasing the bursting charge thanks to a better rock characterization. The team will collaborate within the different tasks to provide intelligent mining performance analytics supported in the geological model and near-real time KPIs for the mobile mining fleet.

Vertical sector addressed

- ICT

Challenges tackled by SMEs

- Digitalization
- Sustainable Sourcing

Key actions addressed

- KA 1
- KA 2
- KA 5

MINE-Demo scheme