

CERES PLAN DEM

CERES Demonstration Planning

by



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CERES PLAN DEM will apply the CERES concepts, models and assumptions to support the earliest stage of the mining life cycle, including exploration, prospecting, mine-site design, planning, and construction of the mine. For the demonstration projects, different ideas have been expressed on what Satellite EO services such as CERES could bring at this stage, for instance providing a map of different environmental parameters before the implementation of the project. In order to help create an environmental baseline, mapping potential social and environmental effects that a new mine would have on the area, can help to assist planning decisions or follow in near-real time the construction of the roads, processing facilities, environmental management systems.

Vertical sector addressed

- Space / Digital

Challenges tackled by SMEs

- Environmental footprint
- Social license to operate
- New innovation technologies

Key actions addressed

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

MINE-Demo scheme

