

A4C: Anhydrite for coatings

by


TI CHEM CONSULTING


Alabaster mining and sawing industry can only use about 3-5% of the total product extracted from mines, since 97% is sent back to the mine as mining residues. Toro Gips has developed a transformation process to revalorize calcium sulphate dihydrate as TiO_2 extender for coatings and paints. This project is based on two pillars: 1) Excellence: by transform mining residues into fine raw material for industry and 2) Impact: by decreasing the CO_2 footprint in an alabaster mine. The project will be developed with a high degree of quality and efficiency, since the mining company provides the starting raw material from their mining and processing residues and the processing company completes the project by developing brings in the necessary know-how on the transformation from residues to final product. The consumer company gives sense to the project by develop a final commercial application.

Vertical sector addressed

- Mining Process Engineering
- Equipment Manufacturer

Challenges tackled by SMEs

- New Value Chain
- Sustainable Sourcing and Circular Economy

Key actions addressed

- KA 1
- KA 3

MINE-Demo scheme
