

GRYSOLSIGMASES: Smart Electrical Surveillance for Grysol Crushing & Screening Plant

by



Inefficient operation or unexpected breakdown can have negative repercussions on an operation's profitability. The solutions must be flexible to be integrated in the major part of key assets. To this end, the project Grysolsigmaeses will install high-tech electrical sensors in the electrical cabinets that powers the main components of Grysol's crushing and screening machine. Then, the automated electrical analysis performed from the collect data will allow SIGMA to ensure efficiency by a continued surveillance of all the processes, achieving a reduction of maintenance costs due to sensors minimisation. All this work will increase safety and cut costs, thanks to the cloud-based solution obtained. As a result, the project will create a system which allows to register data and track and predict the machines development life, proving the efficiency of automated electrical analysis in the security area

Vertical sector addressed

- ICT

Challenges tackled by SMEs

- Towards the Digital World
- New Innovation Technologies

Key actions addressed

- KA 3
- KA 4
- KA 7

MINE-PoC scheme

