

CMW: CircMineWater

by




SENSMET



MITTA



Owatec's solution is a wastewater and sludge treatment process. Wastewaters from mining contain valuable components which potentially can be recovered from the waste stream. CMW will treat the water with chemical processes in real-time and purify the achieved products. The treatment process is upgraded by combining Sensmet online water analyser Sensmet μ DOES®+ to monitor water quality in real-time at minute level. The solution allows for optimisation of key mining processes such as the froth flotation to increase the annual yield by up to 3-6%. The analyser can simultaneously monitor up to 50 water quality parameters in real-time. The data measured by μ DOES®+ is connected to the EHP Data Service provided by Mitta AB. The data is analysed, visualised and fed to the process control to optimise the wastewater treatment. There will be two demos.

Vertical sector addressed

- ICT
- Circular Economy

Challenges tackled by SMEs

- Digitalization
- Sustainable Sourcing and Circular Economy

Key actions addressed

- KA 2
- KA 4
- KA 5

MINE-Demo scheme

