

# Molecule XRF

Monitoring Of Low Elemental Contributions  
in Unclassified Liquids Employing XRF

by

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EUR<sup>A</sup>TRADE  
SOLUTIONS



The goal of this project is to integrate the XRF analyzer with a multiplexer system and use some of its inputs for preventive maintenance: artificial intelligence models will use control streams with a known elemental composition to realize if the measurement window is clogged and decide whether to start a dedicated cleaning stream or to adapt the analyzer's calibration.

## Vertical sector addressed

- ICT

## Challenges tackled by SMEs

- Towards the digital world
- New innovation technologies

## Key actions addressed

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

*MINE-Demo scheme*

