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## SUMMARY

The PRIME (Platforms for Remediation and Innovation in Environmental Metrology) test facility offers experimental pilots of various sizes (cm<sup>3</sup> to tens of m<sup>3</sup>) and constituent materials (glass, steel, plastic) for developing and testing tools and processes in the field of water monitoring and water treatment for organic micropollutants and trace elements.

## FACILITIES & EQUIPMENT

- 600 m<sup>2</sup> with separate laboratories/experimental units
- Bioreactors
- Percolation devices for different types of matrices
- Full range of analytical equipment (e.g. ICP/MS, LC/MS, GC/MS) for organic and inorganic substances, including emerging micropollutants
- Equipment for mineral characterization
- Microbiology, molecular biology and isotopic analysis
- On-line instruments to measure key physico-chemical parameters: pH, Eh, T°, Pressure, salinity, titrators
- Assistance from qualified operators



## APPLICATIONS

- Physico-chemical treatment (not ozone)
- Biological treatment
- Combined treatments
- Sensors validation
- Tailored prototype treatment; possibility to assemble new devices (workshop)

## AVAILABLE WATER TYPES

- Drinking water from the local network
- Ground water (untreated) extracted on site
- Wastewaters can be made available, including your own

