## Partners

TelLab

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Kemira

# Ecosens Aquamonitrix

Water Quality Sensor

## Contact

LIFE17

ENV/IE/000237

The project Enhanced Portable Sensor for Water Quality Monitoring, moving to genuinely integrated Water Resource Management - ECOSENS AQUAMONITRIX - LIFE is co-funded by the LIFE Programme of the European Union under contract number LIFE17 ENV/IE/000237

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# Enhanced Portable Sensor for Water Quality Monitoring, moving to genuinely integrated Water Resource Management

# Project

LIFE EcoSens Aquamonitrix proposal consolidates research outputs from previous R&D projects to demonstrate & bring to market a novel water quality monitoring integrated solution to meet the requirements for frequent water quality monitoring under the Water Framework Directive.

The project aims to demonstrate a cost effective portable water monitoring solution for the Water sector. The innovative technology, at a competitive cost allows increased frequency of water quality monitoring with remote access to the device & to results. This affordable solution results in more monitoring, making it easier for management decisions & compliance with regulations. Moreover, its efficient power consumption allows longer deployment periods, diminishing maintenance needs, providing an integrated monitoring solution that is cost effective.

# Expected results

- A versatile water quality monitoring system adaptable to different applications in the Water Sector.
- Versatile IoT platform that will allow deployment of scalable and flexible solutions for connected products.
- Enhanced performance: Precision +/-5%, Accuracy +/-5% at the higher ranges.
- Enhanced robustness and reliability of the device, both operational and information reliability.
- Low energy consumption: reduction of 80% in power consumption during the project.
- Remote near-continuous monitoring.
- Competitively priced solution: its cost is 3-4 times less than current commercial systems.

# How to get involved

Are you a researcher, journalist, water utility operator, public authority, regulatory or environmental authority, and you have questions or requests?

Contact our partners.

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