



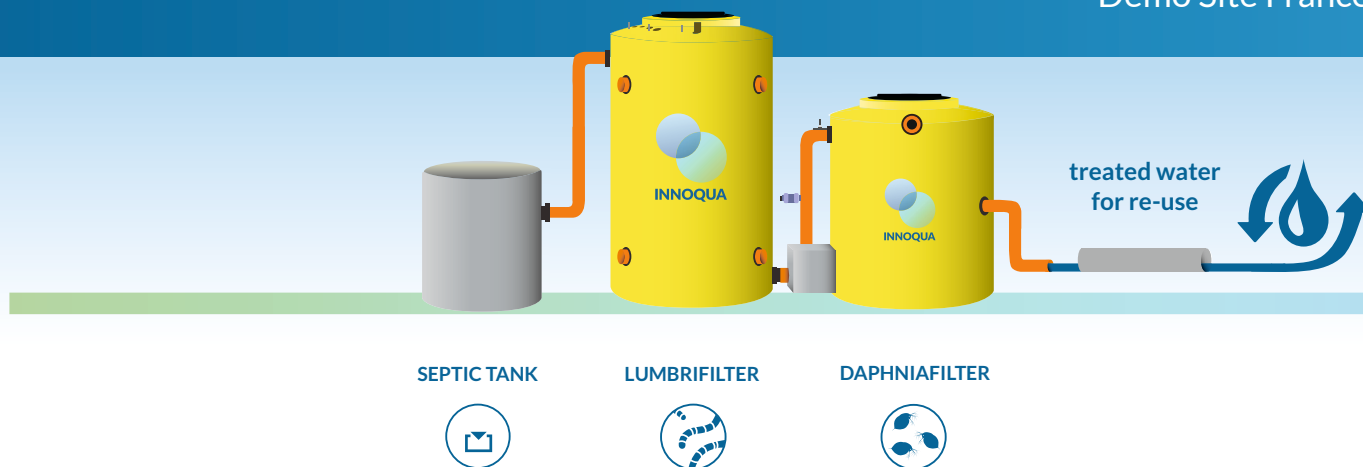
# THE POWER OF EARTHWORMS

INNOQUA is a four-year EU-funded Horizon 2020 project. Bringing expertise from multiple disciplines, the 20 project partners are seeking to demonstrate a novel, modular system for wastewater treatment based on the purifying capacity of earthworms, zooplankton and microalgae, operating under real conditions.

Due to its modular configuration, the INNOQUA system can address multiple aspects of wastewater treatment and water re-use in water stressed communities, rapidly expanding cities and industries – both in developed and developing countries. The decentralised approach helps to reduce pressure on inadequate wastewater networks while reducing the water and energy demands of typical centralised wastewater treatments – supporting sustainable development.

**INNOQUA has installed pilot and demonstration sites in 11 countries (France, Ireland, Italy, Romania, Scotland, Spain, Turkey, Ecuador, Peru, India and Tanzania) to showcase the long-term viability of modular and locally sustainable solutions under real conditions. The modules include lumbrifilter, daphniafilter, bio-solar purification and UV lamp. The sites provide a robust platform for scientific research and act as a focus for local training and dissemination activities.**

**KEEP IN TOUCH — [innoqua-project.eu](https://innoqua-project.eu)**



The NOBATEK/INEF4 headquarters

**CONFIGURATION:** In France the INNOQUA system consists of a lumbrifilter and a daphniafilter installed outside on a concrete platform.

**LOCATION:** 67 rue de Mirambeau  
Anglet – 64600  
France

To arrange a visit to this site, please contact the INNOQUA partner whose details are provided below.

## DEMO SITE ANGLET

In France 20% to 30% of the population (of 70 million people) use onsite sanitation systems. The INNOQUA demonstration site at Anglet in western France treats wastewater from the headquarters of NOBATEK/INEF4. This office building was constructed in 2009.

**BENEFICIARIES:** The building hosts around 30 employees working on green building technologies, energy efficiency, open innovation and programming.

**DESIGN CAPACITY:** 0.6m<sup>3</sup>/day

**SOURCE OF WASTEWATER:** Toilets and kitchen

### SPECIFIC SCIENTIFIC RESEARCH OBJECTIVES

To assess the potential for the INNOQUA technology to be implemented on a tertiary building. This site provides an excellent real-life demonstration in a modern office building with an energy and environmentally aware demographic.



The NOBATEK/INEF4 offices

This demo site is run by the INNOQUA partner



**WEBSITE:** [www.nobatek.inef4.com](http://www.nobatek.inef4.com)  
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