

# Driving innovation for cleaner and safer hospital wastewater

DO YOU WANT TO DEVELOP AND TEST INNOVATIVE SOLUTIONS FOR CLEANER AND SAFER HOSPITAL WASTEWATER?

THERESA is an EU Pre-Commercial Procurement (PCP) project through which public organisations collaborate with the market to develop and test innovative solutions not yet available commercially.

## The challenge

Hospitals release pharmaceuticals, pathogens, cancer-treatment drugs, imaging contrast agents and antibiotic-resistant microorganisms into their wastewater.

Conventional treatment plants cannot remove many of these substances, which then reach rivers, soil and ultimately food and drinking water—an increasing environmental and public-health concern across Europe.

THERESA aims to develop a robust, affordable, low-maintenance and environmentally responsible on-site treatment solution adaptable to different hospital settings across Europe.



# Join a European innovation challenge

## What is a PCP?

A Pre-Commercial Procurement (PCP) is an EU-recognised approach that enables public buyers to procure R&D services for developing innovative solutions not yet available on the market. **THERESA will invest €2.9 million through this process.**

THERESA PCP phases.



### PCP PREPARATION

Use case definition. SOTA analysis & IPR search.  
Open Market Consultation. Procurement strategy.  
Call for tenders



### PHASE 1. SOLUTION DESIGN

**3 months. Max. budget per contractor: 20.000€**  
5 selected suppliers must elaborate the solutions design. TRL expected 5-6.



### PHASE 2. PROTOTYPE DEVELOPMENT

**10 months. Max. budget per contractor: 500.000€**  
The 3 awarded suppliers from the Phase 1 will elaborate a prototype development.



### PHASE 3. PILOT TESTING

**10 months. Max. budget per contractor: 450.000€**  
Test solutions in real-life operational conditions.

