

ICT WWT monitoring technologies



Description

It catalyses innovations in water and wastewater treatment processes and management through improved combinations of natural and engineered components.





Objectives

- To evaluate social receptivity towards combined system focusing on impacts on the organisations and employees considering human rights, working conditions, health, safety and cultural heritage,
- To gather data on market needs, identify potential customers, opportunities and threats to develop business models to strategically manage commercial innovations marketability and a final exploitation plan to outline the project main results and minimize exploitation risks.

Activities

- Sustainability assessment:
 - Social Life-Cycle Assessment LCA,
- Market uptake:
 - Market analysis,
 - Business and exploitation plan.

Challenges

- Input data complex to collect 
- Technical knowledge required 
- Methodological approach 
- Technology readiness level 

Expected outcomes

- - 50% energy consumption and - 50% CO₂ emissions,
- Comprehensive analysis of potential market niches, competitive advantages, internal and external levers,
- Commercial strategy, communication plan and IPR management,
- Detailed business plan, including CAPEX / OPEX analysis.

