

## Water scarcity is a human-made problem

Water supply often struggles to cope with demand. As a result, the UN forecasts the world could face a 40% deficit in water supply by 2030

## Find out more!

Project Ô Website  
[www.eu-project-o.eu](http://www.eu-project-o.eu)



Facebook  
[@euprojectoeu](https://www.facebook.com/euprojectoeu)



Twitter  
[@EUPProjectO](https://twitter.com/EUPProjectO)



LinkedIn  
[/eu-project-o](https://www.linkedin.com/company/eu-project-o)

### Contact

[info@eu-project-o.eu](mailto:info@eu-project-o.eu)

## Partners

» Aalborg University » Acquedotto Pugliese » Centre National de la Recherche Scientifique » Eilat Municipality » Ekso » Ente Nazionale Italiano de Unificazione » Galeb » Heim.ART - Kulturverein » Institute for Methods Innovation » IRIS » Israel Oceanographic and Limnological Research » Kalundborg Symbiosis » National Center for Mariculture » Particula Group » Politecnico di Milano » Regione Puglia » Rhine-Waal University » SOCAMEX » Technion - Israel Institute of Technology » Universidade de Aveiro » Università di Torino » Universitat Politècnica de València

Implementing  
practical tools for

# WATER SUSTAINABILITY

**Project Ô** shows how **local, targeted** water treatment and filtration technologies can help **improve global water management**, allowing current and future generations to **benefit from this shared resource**



Funding received from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 776816



## Mission

Project Ô's mission is to show how local water reuse can benefit water management as part of a circular economy leading to a more reliable supply and increasing resilience to economic and environmental changes.

## Solutions

Four modules combining different water treatment and filtration technologies and two digital platforms have been developed to meet distinct water management challenges, enabling a circular water economy.



### ADV.ERT MODULE

Accessing untapped water sources that are inaccessible for existing water treatment plants, through desalination and the removal of contaminants.



### MOBILE3TECH MODULE

Removing toxic pollutants from used industrial water to protect water treatment plants, increase water reuse and meet new regulations.



### SALTECH MODULE

Ensuring mariculture meets new regulations, improving resource management and creating commercial opportunities.



### PHOTO.CAT MODULE

Removing complex pollutants from used textile production water to save resources and energy, and protect the local environment.



### DECISION ANALYTIC PLATFORM

Supporting water regulators to make robust and efficient management decisions based on current and future conditions.



### CIRCULAR ECONOMY PLATFORM

Business-facing solution to support local water reuse between users involved in water treatment and management activities.



## Project Ô solutions



### Customisable

Water regulators and facility managers can choose the technologies to match their specific needs.



### Scalable

SMEs can manage their own water footprint, while larger companies can complement their existing processes.



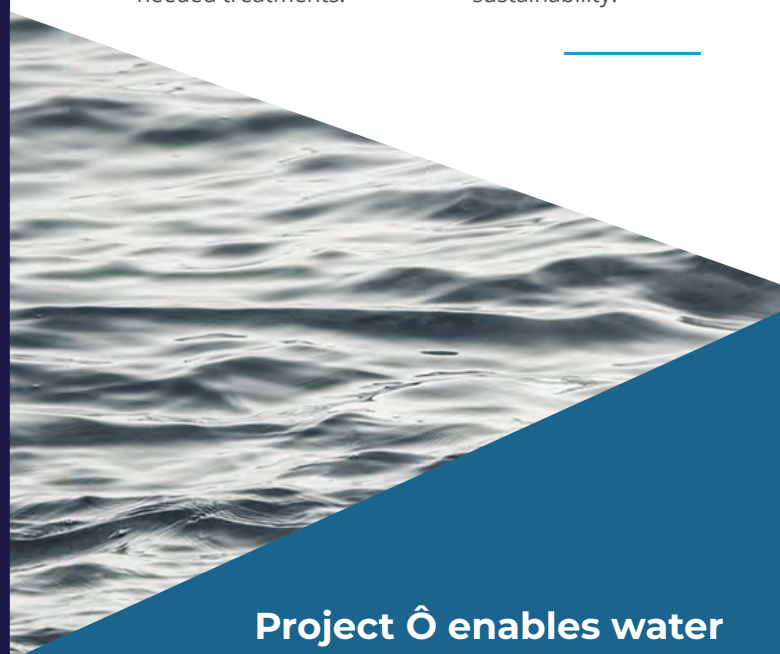
### Cost-effective

By treating individual streams of used water, reusing water and only applying needed treatments.



### Sustainable

Taking a holistic approach to ensure social, economic, cultural and environmental sustainability.



## Project Ô enables water management and treatment technologies for large and small water treatment facilities

The combination of innovative treatment technologies with two digital platforms will improve water management for communities in Europe and beyond.