

RECREATE

A more resilient water supply

RECREATE works in four Case Studies (CS) across Europe, located in three of the most water-stressed biogeographical regions of Europe: North Holland (Atlantic region); Kalundborg (Continental region); and Syros and Costa Brava (Mediterranean region).

In these Case Studies, RECREATE will demonstrate **Alternative Water Resources (AWR) strategies** like rainwater harvesting, seawater and brackish water desalination, water reclamation, and aquifer storage.



North Holland (Netherlands)

In North Holland, RECREATE will develop a system dynamics model for the regional water system, a custom Serious Game, as well as co-created adaptation strategies and pathways for the region to incorporate AWR solutions.



Kalundborg (Denmark)

RECREATE will support Kalundborg in setting up an integrated water management strategy for long-term, sustainable water supply to industries.



Syros (Greece)

In Syros, an island in the South Aegean, RECREATE aims to guide the planning and installation of a secondary piping network for reclaimed wastewater, while also focusing on monitoring water reuse to inform treatment processes.



Costa Brava (Spain)

RECREATE will support the region in extending the use of reclaimed water to more sensitive uses, such as indirect potable reuse through aquifer recharge, as part of Catalonia's plan to triple reclaimed water use until 2027.

eurecat

KWB
Kompetenzzentrum
Wasser Berlin

ICRA

KWR



ICLEI
Local Governments
for Sustainability

adelphi



PWN

KALUNDBORG
UTILITY



Our objectives

RECREATE aims to improve the resilience of water supplies and protect the status of natural water resources by facilitating the assessment and inclusion of AWR in water management planning, particularly for water-stressed regions in Europe. It also aims to increase awareness, acceptance and trust in the fundamental role of AWR in climate change adaptation, concentrating on the CS regions.

Our results

- Cost-benefit demonstrations of the integration of AWR in water management;
- Establishing a Community of Practice in each of the four CS regions;
- A risk analysis of the barriers and adjustment needs in current regulatory frameworks, with a special focus on the possible potable use of AWR;
- An open-access repository of existing knowledge and data on technologies for AWR;
- A range of management strategies for AWR;
- A digital decision support framework;
- Feasibility studies for upscaling of solutions.

 recreate4water.eu

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