



CE-SC5-04-2019

REWAISE

Full Title: Resilient Water Innovation for Smart

Aim:

The aim of REWAISE is to create a new "smart water ecosystem" that will result in a carbon free, sustainable hydrological cycle. In line with the concept of a resilient circular economy, REWAISE will recover energy, nutrients and materials from water in real operational environments, implementing technological innovations and new water governance methods with a network of nine living labs in five countries.

Concept:

REWAISE will generate the full Value of Water, considering three key technical, economic and social factors: • Value in water, by extracting minerals from seawater brine, recovering nutrients from wastewater, and converting all organic matter and biomass into energy. • Value from water, developing the business of sustainable services and innovative products all along the water cycle, working with start-ups and SMEs to give them privileged access to the large utility users. , • Value through water, generating wellbeing in society through stakeholder participation and new governance methods to maximize the positive effects of innovation for the users and the environment. With its nine living labs, REWAISE will enhance social engagement, adapt normative barriers, and develop common digital tools in a holistic approach of a watersmart society. The concepts developed will be scalable and replicable to other utilities in Europe and worldwide, boosting new business and employment related to water.

Start date: 01/09/2020

End date: