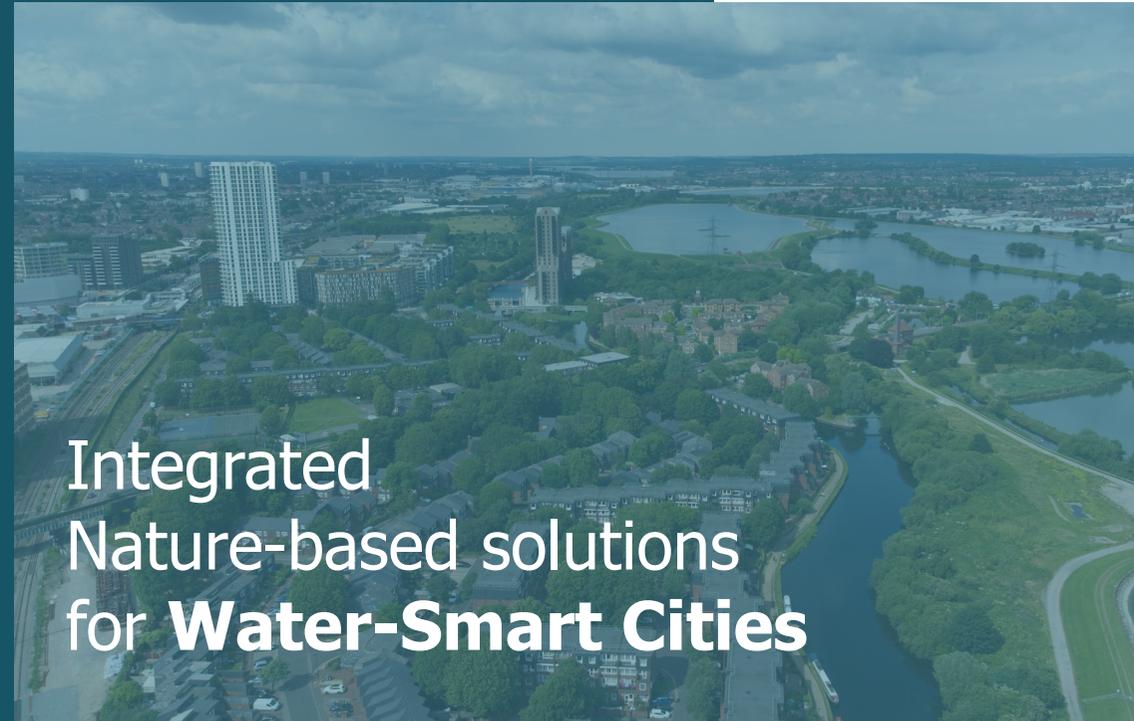


PARTNERS



KEY FACTS

- Duration: 4 year project (01/06/2021 – 31/05/2025)
- Estimated Project Cost: €5,169,165.00
- Requested EU Contribution: €4,999,631.25
- Funding Programme: Horizon 2020
- Consortium: 20 partners, 12 countries
- Coordinator: INRAE



This project has received funding from the European Union's Horizon H2020 innovation action programme under grant agreement 101003527

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CHALLENGE

Increasing urbanization poses a range of challenges worldwide. To satisfy their water demand, cities rely on extensive supply infrastructure to transfer water over long distances. This limits the resilience of cities against the effects of climate change because the infrastructure cannot be easily or cost-effectively adapted, expanded, or repaired.

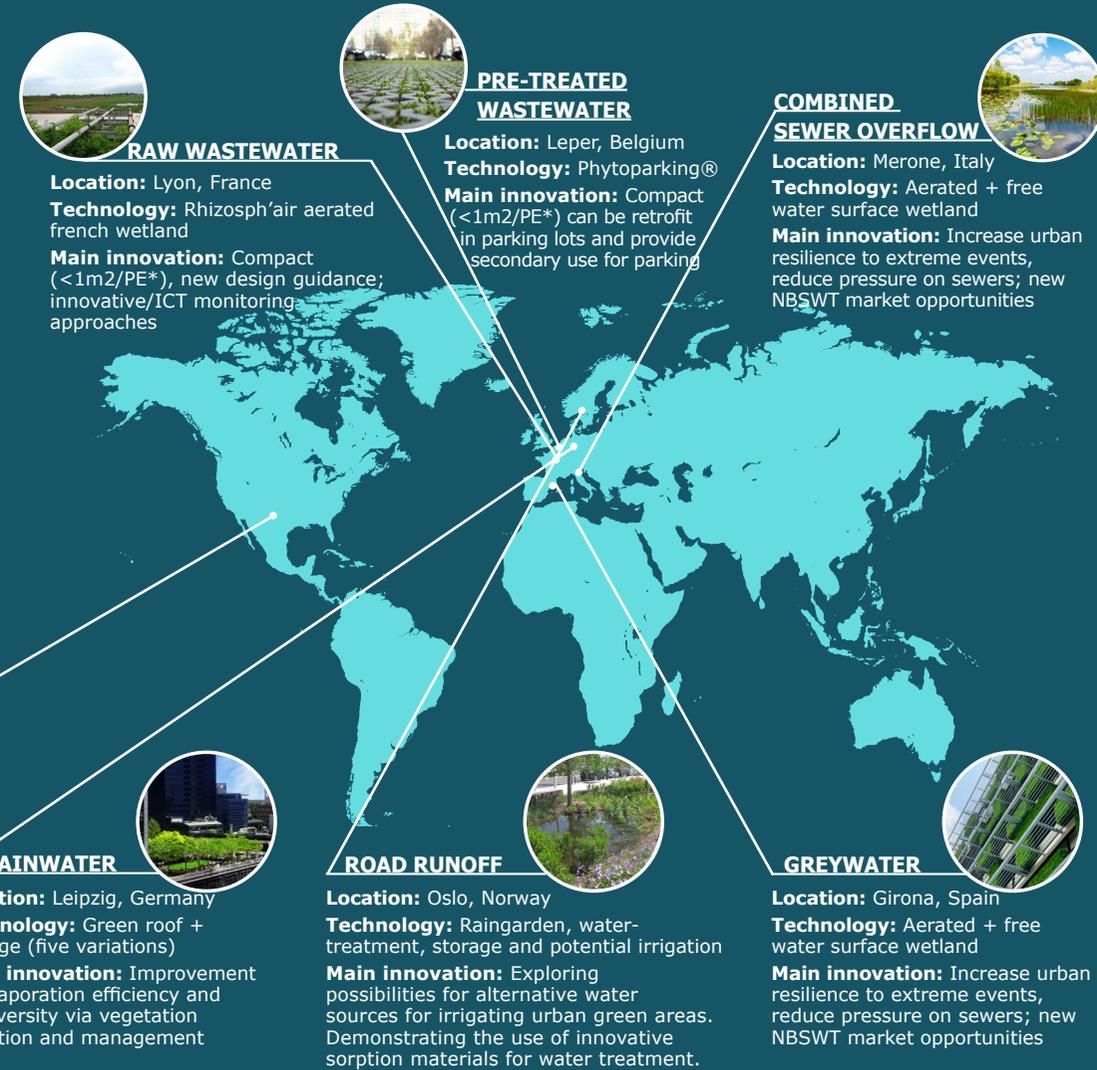
Therefore, the integration of decentralized approaches into existing centralized infrastructure is essential for achieving sustainable, efficient, and affordable water resource management, increased water reuse, and establishing a circular water economy.

THE CONCEPT

MULTISOURCE will facilitate the systematic, city-wide planning of nature-based solutions for urban water treatment, storage, and reuse. With seven technical pilots across Europe and USA, a wide range of urban waters will be treated throughout the project, and decision support tools will be co-designed together with municipality partners in Girona, Oslo, Lyon and Milan as well as other local, national, and international stakeholders.

MULTISOURCE will demonstrate the benefits of increased water quality, water storage, reuse, but also contribute to the creation of valuable urban habitats and provide other important ecosystem services.

OBJECTIVES



NATURE-BASED SYSTEMS

 Demonstrate enhanced nature-based systems in operational environments for a wide range of polluted urban waters

NBS TECHNOLOGY

 Develop state-of-the-art guidance for NbS technology selection and preliminary design

CITY-WIDE SCALE NBS

 Provide comparative spatial environmental and economic scenarios for implementing NbS on a city-wide scale

URBAN WATER TOOLS

 Engage urban water stakeholders in the development of urban water planning tools

GOVERNANCE & POLICIES

 Improve urban governance and policies related to NbS and water reuse