

#### **PROJECT PARTNERS**

- City of Budapest, District 14 Zugló Municipality (HU)
- Budapest Sewage Works Plt. Ltd. HU
- Turin Municipality (IT)
- Poliedra Service and consultancy centre at Politecnico di Milano on environmental and territorial planning (IT)
- Maribor Water Supply Company (SI)
- E-Institute (SI)
- City of Bydgoszcz (PL)
- Institute for Sustainable Development Foundation (PL)
- Public Institution RERA SD for Coordination and development of Split-Dalmatia County (HR)
- Split water and sewerage company Ltd. (HR)
- Association for Rainwater Harvesting and Water Utilisation (DE)



















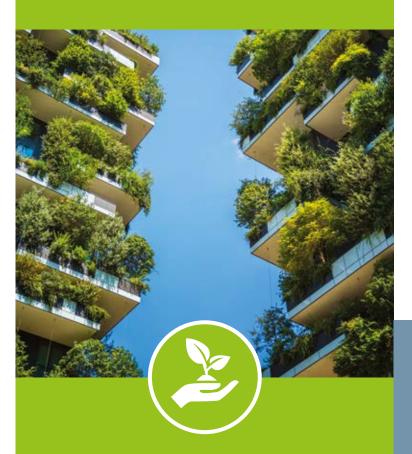




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### CITY WATER CIRCLES

Urban Cooperation Models for enhancing water efficiency and reuse in Central European functional urban areas with an integrated circular economic approach



"When the well is dry, we know the worth of water."

Benjamin Franklin







## NEW RISKS IN CITY WATER MANAGEMENT

Climate change brings new risks to the hydrological balance of cities. We face wobbling precipitation, long dry periods, heavy rains and flash floods more often. The growing drinking water consumption and rising amount of wastewater in the Central European region are overloading the outdated infrastructure. These aggregated factors jeopardize the safety of future water supplies.

# CITIES OF CENTRAL EUROPE TAKE THE CHALLENGE ON

Recognizing this emerging threat, municipalities and public (waste)water companies from 5 Functional Urban Areas and expert organisations decided to launch the **City Water Circles (CWC) project.** The goal of the initiative is to find solutions to the new challenges.

Project partners build up a knowledge base for urban circular water management, set up innovative methods and provide interface for further stakeholders: public authorities, water suppliers, agencies or NGOs.

### INNOVATIVE SOLUTIONS IN PRACTICE



Pilot actions in 5 partner cities will demonstrate innovative technological solutions and provide a collection of practical experiences.

- In Zugló, XIV. District of Budapest, a rainwater and greywater reuse system will be implemented in a local kindergarten.
- The city of Torino builds and tests a rainwater recovery rooftop garden and aeroponic greenhouse.
- The pilot action in Maribor demonstrates how rainwater and purified wastewater can be used in producing recycled construction material.
- In the city of Bydgoszcz, rainwater from rooftops of public buildings will be harvested and utilised in the rain gardens of the city.
- The city of Split demonstrates how IT technologies can contribute to real savings in water consumption: a smart metering system supported by a mobile app will be tested.

### HOW CAN YOU BENEFIT FROM THE PROJECT?

Join the **Core Master Training** and competencebuilding workshops on circular urban water use

Learn more about the **Integrated urban strategies** of the partners for introducing and boosting circular urban water management

Adopt the **Transnational strategy** for creating an enabling policy framework on circular water use

Dive in the **Digital Learning Resources** on circular urban water use

Read the CWC Transnational Online Handbook on circular urban water management and use

