

OUTPUT FACT SHEET

Strategies and action plans

Version 2

Project index number and acronym	CE1578 CityWaterCircles
Output number and title	O.T3.1.1 Integrated urban strategies for introducing and boosting circular urban water management
Responsible partner (PP name and number)	Budapest 14. District Zugló Municipality, LP
Project website	https://www.interreg-central.eu/Content.Node/CWC.html
Delivery date	15 July 2022

Summary description of the strategy/action plan (developed and/or implemented), explaining its main objectives and transnational added value

The circular urban water management strategy recommendation paper is covering the administrative and geographical territory of Budapest city. The preparation of document lays on the Municipality of XIV. district Budapest, Zugló. Therefore, the strong and continuous cooperation with municipalities of other districts and the capital city was in the focus in the development phase of the document.

The challenges in the city have been identified and structured to the chapters of the transnational thematic structure of CWC. It is important to highlight that the challenges don't stop at the city border since they concern the whole drainage basin. The main challenges in natural conditions in Budapest are the unpredictable and volatile precipitation, the flood treatment of certain areas, the decreasing level of groundwater, which causes problems in the maintenance of green areas. The density of buildings, the increasing proportion of paved surfaces induce further problems such as increasing runoff, lower humidity, and heat islands. The low (or almost zero) share of greywater reuse is primarily the question of economy, high investment needs and long payback. Social challenges in water management are connected to traditional approach of water management and the lack of knowledge and awareness of different stakeholders. In field of legal conditions, the most significant challenge is that the rainwater system is out of the scope of the Water Utility Act. The economic milieu and the needs of economic operators also significantly determine the environment of water management. The key objectives of the document are knowledge management and transfer, facilitation of cooperative acts between different stakeholders and areas, policy making on local and national level, innovative regulations in water management and raise of awareness.

The strategy is based on the analysis of the territorial background data of the water management, analysis of European and national legal environment, outcomes and experiences of stakeholder meetings and targeted interviews with key stakeholders. Innovative technical social and good governance solutions and best practices of the CWC Transnational Handbook and Digital Learning Resources developed by the European partners were also inspired the development.

NUTS region(s) concerned by the strategy/action plan (relevant NUTS level)

NUTS HU101, Budapest

Expected impact and benefits of the strategy/action plan for the concerned territories and target groups

The strategy and action plan recommendations are focusing on the “soft” interventions, like awareness raising, knowledge management, and lobby work. So the main expected result is progress in the selected areas, e.g. an updated and facilitated local platform of stakeholders, knowledge exchange events, innovations in building and water management regulation, financial or regulative incentives to speed up the investments of the private sector.

The small steps in knowledge management and cooperative actions can lead to raised awareness of all key actors in urban management, and the benefits of the innovative approach of water management effect all sectors. Municipalities can reduce the water and maintenance cost, cooperation opens new financial sources, transparent and good practices in public institutions inspire the residents and business sector.

Sustainability of the developed and/or implemented strategy/action plan and its transferability to other territories and stakeholders

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In 2019 in the city council of Budapest and several districts, as well as Zugló, declared a state of climate crisis. This is a symbolic act, but highlights the priority of the topic, and created the opportunity to deal the issue more efficient on institutional level.

Circular water management is mentioned as basic pillar in other urban strategy documents: Climate Strategy of Zugló, Climate strategy of Budapest, Green Area Development Strategy of Budapest already declared several elements sustainable water management. This network of local strategies, complemented by the recommendations of CWC strategy and action plan provide a pathway to implementation.

The CUWM strategy recommendation document can play key role in the future as a basic reference in the hands of engaged decision makers, professionals, NGOs, and other stakeholders to promote and implement the circular water management aspects and specific technical, financial, policy or social solutions in urban management issues of the district and can serve also as a guideline for development further local CUWM strategies in other Hungarian cities.

However, we are optimistic to take all the advantages of the circular urban water management, the strategy and action plan need high level of support from the local decision makers, and it needs lot of effort to engage the actors. The professional knowledge basis is ready to use, but several issues need to be financed, facilitated, and legislated on national level. Sectoral cooperation is a critical key factor.

References to relevant deliverables and web-links
If applicable, pictures or images to be provided as annex

The CUWM Strategy and Action Plan recommendation document was synthesized by utilization the knowledge basis of CWC project.

Common methodology for FUA-level stakeholder (STH) involvement and co-creation process and reports of local SGMs (A.T1.1)

Self assessment study - Budapest FUA (D.T3.1.3) Public perception study - Budapest FUA (D.T3.1.4)

EU level state-of-the-art desk-research and knowledge inventory (A.T1.2) <https://www.interreg-central.eu/Content.Node/Researches-studies.html>

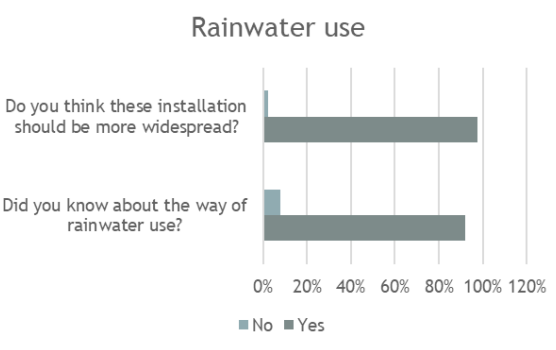
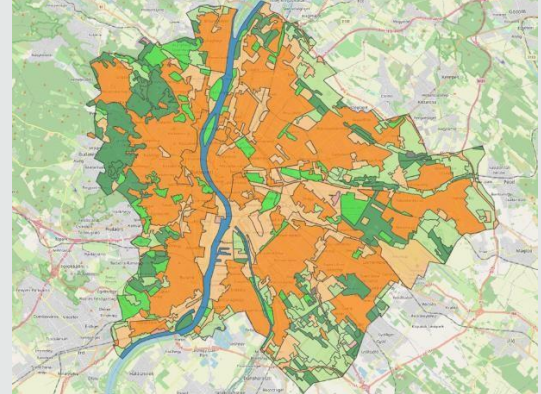


Digital Learning Resources (D.T1.4.4.)

<https://www.interreg-central.eu/Content.Node/Digital-Learning-Resources/Digital-Learning-Resources-in-Hungarian.html>

CWC Online Handbook <https://www.interreg-central.eu/Content.Node/37.html>

Circular Urban Water Management Visions, Concepts and Strategies (A.T3.3)

<https://www.interreg-central.eu/Content.Node/Circular-Urban-Water-Management-Startegies.html>

 <p>Rainwater use</p> <p>Do you think these installation should be more widespread?</p> <p>Did you know about the way of rainwater use?</p> <p>0% 20% 40% 60% 80% 100% 120%</p> <p>■ No ■ Yes</p>	
<p>Graph from the Public Perception Survey</p>	<p>Graph of sealed soils of Budapest from the Self Assesment Study</p>
	
<p>Word Cloud co-created on Stakeholder Group Meeting (top mentioned: flash flood and drought)</p>	<p>Stakeholder group meeting in January 2020</p>