

OUTPUT FACT SHEET

Tools

Version 2

Project index number and acronym	CE1578 CityWaterCircles
Output number and title	O.T1.2 Digital Learning Resources in EN & tailored national versions on circular urban water use
Responsible partner (PP name and number)	PP8 ISD
Project website	https://www.interreg-central.eu/Content.Node/CWC.html
Delivery date	July 2020

Summary description of the key features of the tool (developed and/or implemented) and of its transnational added value

Polish DLR consists of 7 Modules of Technical Training Manual on Urban Circular Water Management for Municipalities:

- Introduction
- Rainwater management
- Greywater Recycling
- Water efficiency
- Decision-making tool
- Case studies
- Water loss reduction

Translated 7 Modules was used by external expert Tomasz Bergier (Professor / lecturer at the AGH University of Science and Technology in Krakow) to prepare FUA-level competence building workshop on circular urban water use for stakeholders which was held on 24 and 25 of June 2020 from 11.00 until 14.00 via GoToMeeting platform. Day 1 was devoted to sustainable rainwater management. The topics covered were: changes in the water cycle, challenges arising from climate change; catchment and landscape retention; blue-green infrastructure, NBS (Nature-based Solutions); building city resilience; centralized and decentralized rainwater collection systems; blue-green networks, multi-functional solutions; review of programs supporting NBS. Day 2 was devoted to circular water management: legal and technical basis for water reuse; possibilities and methods for reusing water and wastewater from various sources and replacing them with water; tap water quality; recycling of nutrients contained in water and sewage; minimizing water losses; individual techniques and water-

saving solutions, financial account. The local knowledge transfer training were held in the form of a webinar.

The DLR is a source of knowledge / information for stakeholders from FUA-Bydgoszcz-Toruń to support them in strategy on Circular Urban Water Management building process. The transnational added value is that stakeholders from all partner countries have access to the DLR to the same tool.

NUTS region(s) where the tool has been developed and/or implemented (relevant NUTS level)

Polish DLR was developed for FUA-level competence building workshop for stakeholders of FUA - Bydgoszcz-Toruń (NUTS: PL613).

Expected impact and benefits of the tool for the concerned territories and target groups

To actively and effectively participate in the strategy development process, stakeholders should have knowledge of rain water management, grey water recycling, water governance, water efficiency, and water loss reduction. DLR is a clear, well-designed educational tool that can be used in meetings with stakeholders during the strategy development process.

Sustainability of the tool and its transferability to other territories and stakeholders

Polish DLR is available on www.chronmyklimat.pl/projekty/cwc/cwc-bazawiedzy and will be available after the project end. The material is a source of knowledge / information for stakeholders from outside FUA-Bydgoszcz-Toruń. In Poland, water issues are currently very important and are always part of municipal adaptation (to climate change) plans. The material contains examples of the use of reclaimed grey water (e.g. for irrigation in agriculture), which may turn out to be a necessity in the future, although now it is controversial. The material can be the basis for articles for the general public.

References to relevant deliverables and web-links

If applicable, pictures or images to be provided as annex

- DT.1.4.1. FUA-level demand assessments on the key place-based training paths
- DT.1.4.2. Digital training materials in national languages tailored to local competence building needs
- DT.1.4.3. Feedback and evaluation reports on the FUA-level competence building WSs held for SGs
- DT.1.4.4. Digital learning resources on circular urban water use in national languages

Polish DLR is available on the CityWaterCircles website and on ISD institutional website:

- www.interreg-central.eu/Content.Node/CWC.html
- www.chronmyklimat.pl/projekty/cwc/cwc-bazawiedzy