

OUTPUT FACT SHEET

Strategies and action plans

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)	PP7 City of Bydgoszcz
Project website	https://www.interreg-central.eu/Content.Node/CWC.html
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Summary description of the strategy/action plan (developed and/or implemented), explaining its main objectives and transnational added value

The “Circular Water Management Strategy for BTOF area and Bydgoszcz” was created with the focus on rainwater, treated sewage and greywater.

The Strategy deals mainly with issues related to the town of Bydgoszcz, whereas BTOF area sets some wider context to this picture. The vision was formulated in view of the BTOF as a whole, as follows: “The BTOF area, thanks to the well-considered water and sewage management solutions, uses rainwater and reuses water in adaptation to the climate changes”

Based on the conclusions drawn from diagnosis and thanks to the results of the public consultations process, 4 objectives were formulated, followed by 15 activities. The activities shall be undertaken in Bydgoszcz within the nearest 6 years. When preparing the Strategy it was decided that 6 years is an appropriate perspective for its implementation as the period covered by the subsequent EU financial perspective, from 2021 to 2027.

The objectives are:

- Objective 1. Efficient management of the Strategy implementation process.
- Objective 2. Raising public awareness of the potential use of rainwater, grey water, and treated wastewater.
- Objective 3. Pilot circular water management investment projects in Bydgoszcz ready for financing.
- Objective 4. Increase of the rainwater use on site.

The most important subject covered by the strategic activities is rainwater use and promotion of the green and blue infrastructure. The need for pilot projects preparation has been stressed both in rainwater use for various purposes and in technological water reuse in public swimming pools. The treated wastewater may be used within the two existing sewage treatment plants. Several activities address the need for promotion and education, especially through “leading by example” initiative and thanks to pilot implementations. Following the inspiring “Green and Blue Infrastructure Catalogue” prepared by the Water Company in Bydgoszcz, specific good practice manuals and procedures shall be prepared for each and every municipal department that has some influence on the rainwater management or green and blue infrastructure.

The Strategy’s implementation shall be governed by the municipal unit or task force, as instructed by the President of Bydgoszcz. The aim of such a team shall not only be leading and co-ordination but also monitoring and evaluation of the Strategy implementation process, including proper information sharing with stakeholders.

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

The Strategy is concerned to the Bydgoszcz-Toruń Functional Area (NUTS 3 - PL613, Bydgosko-Toruński). BTFA covers 23 municipalities.

The vision and goals was defined for whole BTFA while the action plan was targeted only at city of Bydgoszcz.

Each city in the BTFA is characterized by different soil and water conditions, that's why the creation of one common strategy would have been impossible to introduce. Also accessing and collecting data, as well as monitoring and updating the strategy at the BTFA level would be a big challenge.

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

The main activities defined by the Action Plan are:

- Establishment of a coordinating unit and a task force for the implementation of the Strategy
- Raising public awareness (clerks, officials, designers, children and youth, ordinary citizens) of the potential use of rainwater, grey water, and treated wastewater.
- Preparation of rainwater pilot projects in the area of green and blue infrastructure,
- Preparation of implementation and piloting of the treated wastewater use at the FORDON wastewater treatment plant,
- Preparation of a pilot project for the reuse of **technological water** in a public swimming pool,
- Creation of an interactive map of green and blue infrastructure projects,
- Disseminating the use of tools to encourage the creation of backyard retention and the Bydgoszcz retention map,
- Stimulating green and blue infrastructure development through: provisions in urban plans, technical conditions allowing connection to rainwater systems and releasing administrative decisions,
- Creating a catalogue of good practices for individual departments of the city.

The target group of the Strategy are clerks, officials, designers, children and youth, ordinary citizens, urban planners, civil engineers, landscape architects, water and sewage companies, stakeholders from BTFA.

Impact of the Strategy should cover possibly the broadest group of stakeholders. Task force should inform about the progress in its implementation as well as stakeholders remaining outside the group of partners who realize specific actions but may use the transfer of knowledge and experience. Obtaining and coordinated distribution of information between the stakeholders will enable them also to participate in the realization of the Strategy and a broader promotion of the undertaken actions.

Evaluation and potentially formulating the plans designated to correct the implementation (reparatory plans) ought to be performed after 2 years from adopting the Strategy. Application of expert evaluation is suggested while at the same time connecting specific effects with individual tasks.

In 2027, a comprehensive evaluation of Strategy realization results should be carried out.

The evaluation should also draw reference to the European trends and regulations stimulating water economy growth in a closed circulation identified by the task force.

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

The City of Bydgoszcz represented by the Deputy Mayor committed to support the Strategy and make efforts to incorporate the actions contained therein into the following implementation documents of the Development Strategy of Bydgoszcz 2030:

- The Plan for Adaptation of the City of Bydgoszcz to Climate Change by 2030 adopted by Resolution No. XIV/287/19 of the Bydgoszcz City Council of 4 September 2019, or/and
- Environmental Protection Program for the City of Bydgoszcz for 2022-2025 with the perspective to 2029, currently under development.

It is guaranteed that the activities elaborated in the Strategy will be continued after the project end. These documents are open to public and can be easily observed.

In parallel the members of the board of Municipal Waterworks Company's committed to support the document and make efforts to incorporate the actions contained therein into the Municipal Waterworks Company's development policy and into current activities.

Due to the carrying out in Bydgoszcz the large reconstruction of the centralised stormwater system (70 ferro concrete retention tanks is being constructed) the city is well known in Poland. Other cities are following Bydgoszcz activities in the field of rainwater reuse.

References to relevant deliverables and web-links

If applicable, pictures or images to be provided as annex

The main deliverables about the Strategy are:

D.T3.3.4 Water Management Strategy for the area of BTOF and Bydgoszcz

D.T3.3.2. FUA-level collaborative visions on creating enabling local frameworks of CUW use

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