

Interreg
CENTRAL EUROPE



CWC

European Union
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TAKING
COOPERATION
FORWARD

 23 March 2021

 **Pilot action in Bydgoszcz**

 Mid-term event

LOCATIONS OF THE PILOT ACTION

Aim: To demonstrate solutions for the management of rooftop rainwater avoiding the rainwater drainage system

Challenges: well developed and currently renovated rainwater system, no NBS implemented in Bydgoszcz

Location 1 - Palace of the Museum of Waterworks

Locations 2 - City Offices

Location 3 - Youth Cultural Center



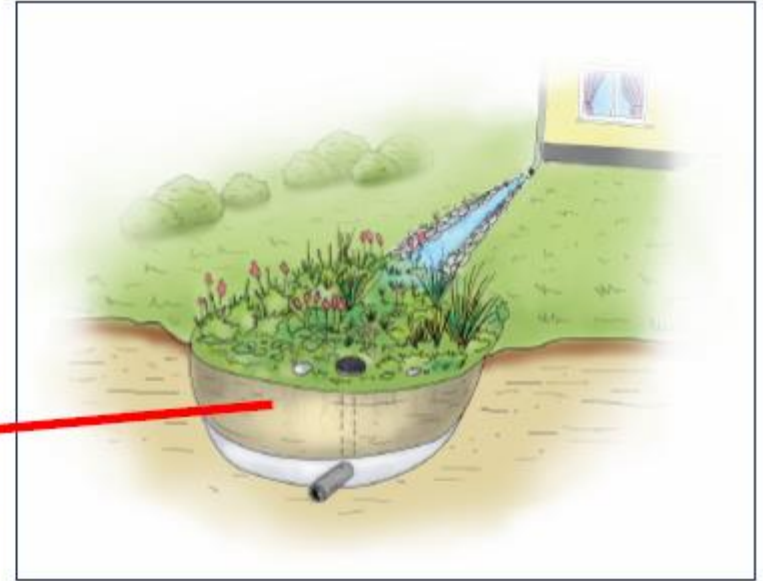
Location 1 - Palace



- Renovation of the building
- New function (exhibition rooms presenting the history of waterworks, history of the river fleet.
- Demonstration solution for the average house



SOLUTIONS



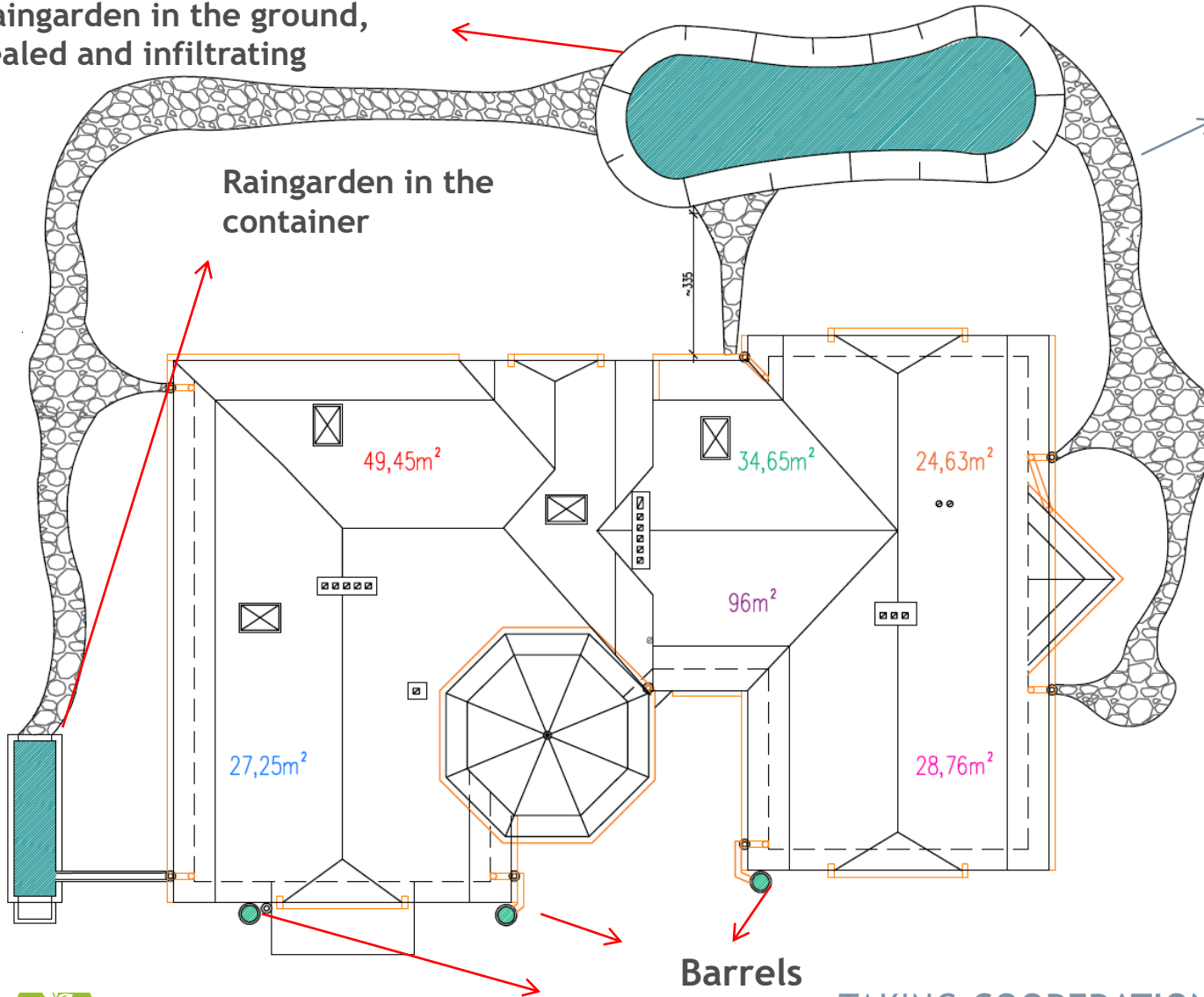
SOLUTIONS



TAKING COO

DESIGN PROJECT

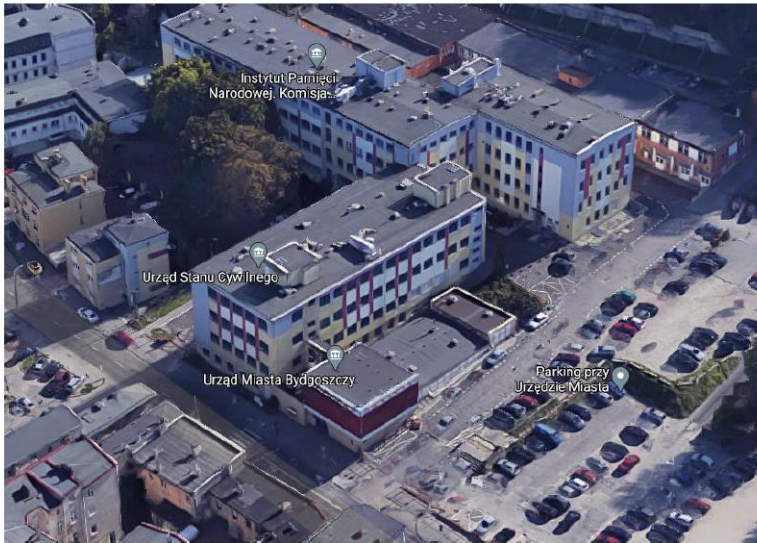
Raingarden in the ground,
sealed and infiltrating



All raingardens are
connected to each
other through the
dry streams



LOCATION 2 - CITY OFFICES



Zdjęcie 1 Widok przestrzenny przedstawiający Budynek A oraz najbliższe otoczenie



Zdjęcie 17 Lokalizacja wariantu pierwszego

Examined issues:

- Lack of biodiversity
- Heat Island effect
- Paved area

Soil conditions (infiltration potential):

- Medium sands / clay soil up to 3 m
- Groundwater 8,8 m below ground level

Suggested solution:

- Rain garden in a box
- In-ground rain garden (option 2, not realised within project)

LOCATION 2 - CITY OFFICES



LOCATION 3 - YOUTH CULTURAL CENTER

Examined issues:

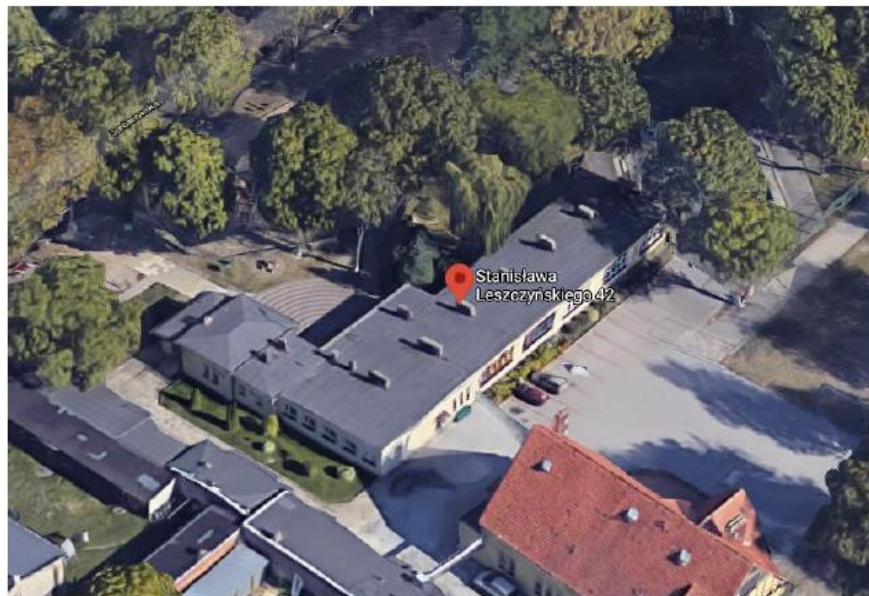
- Faulty downspout at the main entrance
- Art hall waterlogging

Soil conditions (infiltration potential):

- Clays and sandy loams up to 4 m
- Groundwater 2,25 m below sea level

Suggested solution:

- Storm water planter (rain garden in a box)
- Unsealing of the impermeable surface
- Three decorative rainwater tanks



Zdjęcie 5 Widok przestrzenny przedstawiający MDK oraz najbliższe otoczenie



Zdjęcie 15 Widok na plac przed wejściem głównym



Zdjęcie 16 Widok na plac przed wejściem głównym

Contact:

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