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SafeSewerage

SAFE SEWERAGE FOR HEALTHY ENVIRONMENT: CROSS-BORDER SOLUTIONS OF LUTSK AND BIAŁYSTOK





Municipal Enterprise
“Lutskvodokanal”

Lead partner



JSC “Białystok Water Supply”
(Wodociągi Białostockie
Sp. z o.o.)

Partner

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Donor

EU, Interreg NEXT Programme
Poland – Ukraine 2021-2027

Project budget

2 629 811.34 EUR

Grant for Lutsk

1 177 803.26 EUR

Grant – 90%, co-financing from
each partner – 10% each

Budget for Lutsk

1 308 670.29 EUR

Budget for Białystok

1 321 141.04 EUR

Modernization of sewage collector in Lutsk

Reconstruction of 1,994.6 m of the pressure sewer collector from 1A Karpenko-Karyi Street to the intersection of Heroiv UPA and Lypovetska Streets), including the replacement of two sewage lines with a total length of 1,994.6 m:



replacement of 1,528.2 m of pipes using the open cut method: dismantling old pipes, laying 10 cm of sand base, installing new polyethylene pipes;



replacement of 466.4 m of pipes by rehabilitation method in the areas where pipes pass under the roads and railroad lines: cleaning old pipes from corrosion deposits, installing new polyethylene pipes in the cleaned old ones. This method of rehabilitation allows to avoid destroying the road and railways;



installation of cameras in the modernized pipes.

Activities for Lutsk

Purchase of a vehicle-based tele-inspection of pipelines

The equipment allows to observe and diagnose the processes that occur inside pipes and wells, as well as use a video camera to conduct a complete inspection of the sewer collector



software



a high-resolution video camera that transmits the image to the specialist's monitor



an equipped vehicle

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Activities for Lutsk

Creating an EcoSpace for water management



Purchase of a frame tent dome



Purchase of fencing



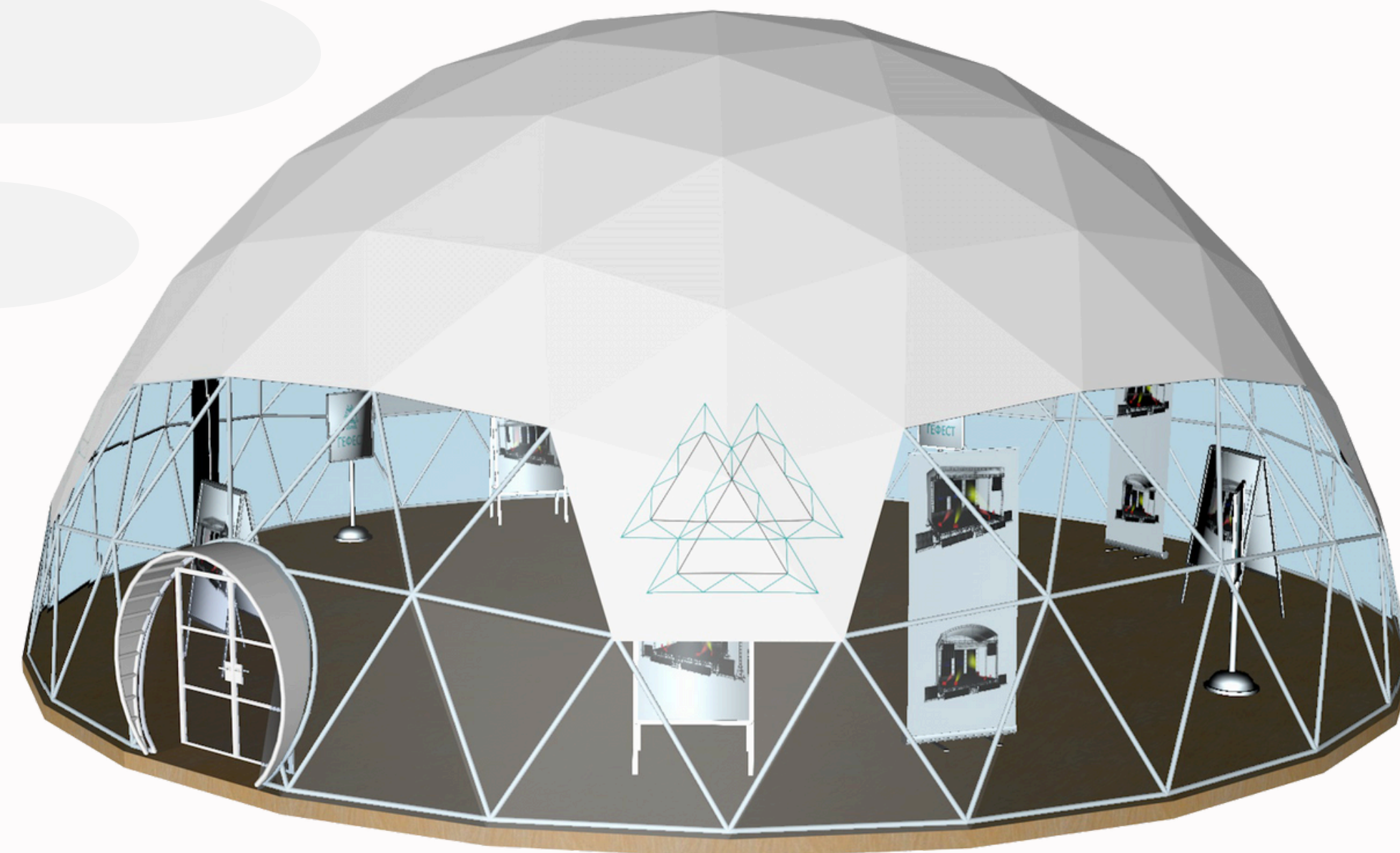
Purchase of 4 information boards



Purchase of a projector and touch screen



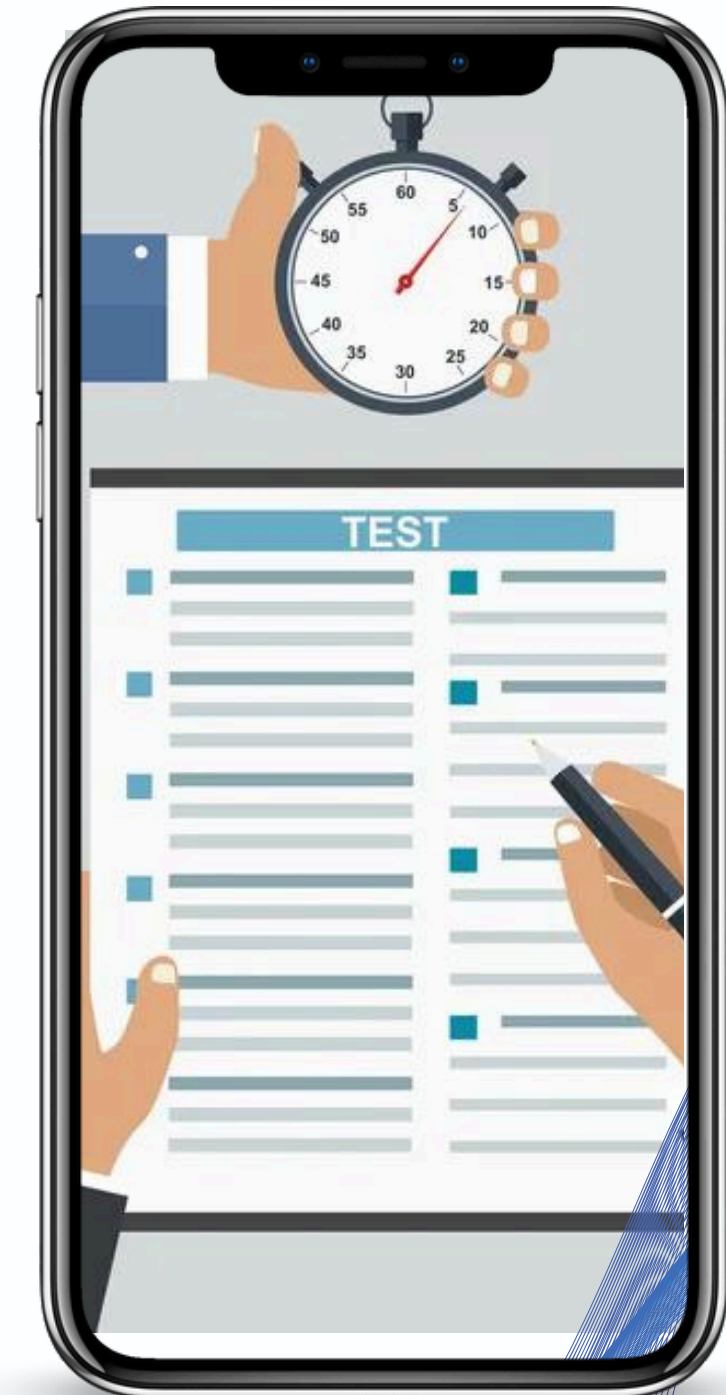
Purchase of 30 chairs, 3 tables and other
equipment for the EcoSpace



Activities for Lutsk

Development of a multimedia guide

Development of a multimedia guide, i.e. an electronic product (application) featuring tests to raise awareness of water management.



Activities for Lutsk

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Creation of the project logo, development of 3 electronic posters for social networks, promotion of the project products in social networks, production of promotional materials, printing of information materials as leaflets and posters.

Participation in a scientific and technical conference and training in Białystok, study visits to enterprises in Warsaw, Krakow and Wroclaw.



Modernization of a sewer collector in Białystok

The works include the modernization of sewer collectors with a total length of 521.5m using the trenchless method with the technology of sealed fiberglass coupling, strengthened by UV rays or LED lamps:



Modernization of reinforced concrete sewer pipes with a diameter of 1800 mm, consisting of five sections with a length of 485.5 m



Modernization of reinforced concrete sewer pipes with a diameter of 600 mm and a length of 36 m



Modernization of 4 sanitary chambers measuring 2.4 x 3.5 m

Activities for Białystok

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Purchase and installation of equipment for measuring the amount of wastewater in sewer collectors with data transmission to the SCADA system



Activities for Białystok

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Organization of a training on monitoring the condition of the sewerage network using a teleinspection system in Białystok

Holding an open-air event for children "Sewerage is not a garbage bin"

Scientific and technical conference in Białystok; study visits for partners' specialists to water supply and sewerage companies in Warsaw, Kraków, and Wrocław (Poland)

