



GREEN BOND

IMPLEMENTATION REPORT

FOR 2022



REPORT

In compliance with the Green Bond Framework, the City of Łódź presents the Green Bond Implementation Report for 2022.

The City of Łódź issued green bonds in the amount of PLN 50,000,000.

Legal basis:

Resolution of the City Council in Łódź No. XL/1239/21 of 17 March 2021 on the issue of municipal bonds of the City of Łódź

The implementing units presented reports on expenditures in 2022 on tasks covered by the projects in question:

● **Municipal Service Division**

– for the Sustainable Water and Wastewater Management

● **Municipal Investment Board**

– for the Clean Transportation

Expenditures are documented by invoices and bank statements.



I PROCEEDS ALLOCATION REPORT

Sustainable Water and Wastewater Management Project

Task: Wastewater Management, Phase III

The current cost estimate value of the task is

PLN 163.241.914

In 2022, expenditures were realised under green bonds in the amount of

PLN 9.471.360

During the period 2021-2022 a total amount of

PLN 29.242.433
was spent on the task

Green bond funds were spent on: construction of retention reservoirs at the Group Sewage Treatment Plant of the Łódź Agglomeration (2 reservoirs), modernisation of the sludge dewatering system (supply of centrifuges - 3 pieces), modernisation of the sand node, construction of a sludge thermal hydrolysis system, construction of an installation for nitrogen removal, construction of an installation for phosphorus recovery from leachate, investor supervision, technical assistance in project management, special allowances to team members' salaries.

Green bond expenditure plan for 2023

PLN 6.528.640



REPORT

Clean Transportation Project

Task: Low-carbon municipal transport programme – redevelopment in Przybyszewskiego St. along the section between Reymonta Sq. and the real estate No. 42 together with the construction of an interchange node and redevelopment of the tramway track between the flyovers in Przybyszewskiego St. and Lodowa St.

The current cost estimate value of the task is

PLN 137.478.172

In 2022, expenditures were realized in the amount of

PLN 3.463.421

During the period 2021-2022 a total amount of

PLN 4.493.718

was spent on the task

Green bond funds were spent on construction works and investor supervision. The north flyover has been demolished. The contractor has made foundation piles, footings and columns for the new flyover. Redevelopment of the tramway track between Reymonta Sq. and the real estate No. 42 – Once the geometry of the road had been agreed, the contractor proceeded to prepare and agree the construction designs for the various trades, the project documentation was drawn up and a building permit application was submitted. Permission for demolition works was obtained.

Green bond expenditure plan for 2023

PLN 9.735.209





II IMPACT REPORT

Sustainable Water and Wastewater Management Project

Task: Wastewater Management, Phase III in Łódź

The task is ongoing.

Target environmental effect of the task:

- reduction of the contamination of groundwater, surface water and soil with sewage generated in the Group Sewage Treatment Plant of the Łódź Agglomeration by the use of improved wastewater treatment systems and improvement of their quality.

Wastewater management, phase III in Łódź comprises the implementation of 7 investment tasks aimed to reduce the contamination of groundwater, surface water and soil with sewage generated in the Group Sewage Treatment Plant of the Łódź Agglomeration. The tasks are aimed at using improved waste-

water treatment systems and improving their quality at the outlet of the Group Sewage Treatment Plant to the Ner River. The project implementation will contribute to the increase in the efficiency of technological wastewater treatment devices, the reduction of the amount of organic matter and sludge sent for incineration, the increase in the throughput as well as the optimisation of the sludge dewatering process. The long term effects of these measures will be noticeable in the improvement of groundwater and surface water quality for residents of Łódź and the surrounding communes.





Clean Transportation Project

Task: Low-carbon municipal transport programme – redevelopment in Przybyszewskiego St. along the section between Reymonta Sq. and the real estate No. 42 together with the construction of an interchange node and redevelopment of the tramway track between the flyovers in Przybyszewskiego St. and Lodowa St.

The task is ongoing.

Target environmental effect of the task execution:

- creation of an efficient and safe public transport system in the City of Łódź, with a high quality of the services provided, meeting the EU standards as regards environmental protection, and competitive with personal transport,
- improvement of the City's internal transport accessibility by enhancing transport links,
- increased share of ecological public transport in the City,
- ensuring a positive environmental impact,
- creation of a modern, attractive and mobile chain of transport networks,
- change in urban mobility patterns towards a more sustainable mobility.
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