

Designing smart, resilient cities for all



GDAŃSK

RUGGEDISED PROJECT
Final Conference RECHARGE EARTH
Rotterdam, 6th September
2022



EXPECT THE UNEXPECTED



2016 -2022



SECOND LIFE OF LASTADIA

The buildings of the former Municipal Gymnasium and Dormitory (at Lastadia Street 2 and 41) are an important element of the architectural heritage of the city. The complex consisting of two buildings was subject to restoration. The former Municipal Gymnasium and Dormitory was opened in 1837.



SECOND LIFE OF LASTADIA

It was the first neo-gothic style building in Gdańsk. Thus, it set trends in the nineteenth-century architecture of Gdańsk. One of the most important artists of the era, Karl Friedrich Schinkel (1781-1841), took part in its construction. Unfortunately, the facility was damaged in 1945 during the conquest of the city by the Red Army.



SECOND LIFE OF

LASTADIA

An important element of the investment was a comprehensive thermal modernization and increasing energy efficiency. Thermal insulation was made from the inside - so as not to disturb the historical appearance of the buildings. It is also a decrease in greenhouse gas emissions (estimated at 545.44 t CO₂ per year), which is particularly important in the era of climate change.



SECOND LIFE OF LASTADIA

A large profit for the investment budget was the acquisition of PLN 8 million in EU funding. Ultimately, the value of the contract was 50 000 000 PLN gross (approx. 11 000 000 EUROS).



OPEN DATA PLATFORM

Open data of the Gdansk Public Transport Authority (ZTM) in Gdańsk has already been implemented and developed since 2017

Two types of data: static - updated once a day like timetables, stop locations and **dynamic** - updated several times a minute like the predicted departure times from the stops, the current GPS position of the vehicles as well as messages placed on the stop boards.



OPEN DATA PLATFORM

Stakeholders directly involved in the process are:

- The employees of the Public Transport Authority (ZTM):
- System Maintenance Section, taking care of passenger information system,
- the Traffic Headquarters using the online preview in PCT and transmitting current information on ad hoc changes on the passenger information tables and to the ZTM website (from there the data is also sent to the Open Data -ZTM);
- programmers - mainly using Open Data-ZTM, creating proprietary applications, without the need to register with ZTM,
- passengers - using the T&B Online Map and other applications created by the above-mentioned programmers.

Twarda 01 [2067]

Czas aktualizacji danych: 07:59:50

Linia	Kierunek	Odjazd
8	Jelitkowo	za 4 min
10	Nowy Port Zaj.	za 6 min
7	Nowy Port Zaj.	za 6 min
7	Nowy Port Zaj.	za 13 min
8	Jelitkowo	za 14 min
10	Nowy Port Zaj.	za 16 min

OPEN DATA PLATFORM

Main challenges and barriers related to the adopted solutions:

1. Maintaining the high quality of shared data, including continuous improvement. This is related to the work at the basics, i.e. in the source system itself (the Traffic Management System and the SIP Passenger Information System).
2. Planning changes in the functioning environment in such a way as to meet the provisions of the Data Opening Program for 2021-2027.



OPEN DATA PLATFORM

Total costs 2017-2021

702 619,00 zł - approx. 148 000 EURO

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**Thank you for your attention
Joanna Zbierska
City of Gdansk**

joanna.zbierska@gdansk.gda.pl

tel. +4858 323 68 47

www.gdansk.pl



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