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Iasi Smart Mobility – Toward Carbon Free Mobility

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Description of the practice

Iasi Municipality commitment to smart mobility toward Carbon Free include a long term process and measures meant to solve traffic congestion, air pollution and low use of Public Transport after the '90



Creation process

- 2016-2017- adoption of **Iasi SUMP** after public consultations
- 2016- starting implementation of **Traffic management system** – in 2022 : 96 crossroads and all the main streets in the city are monitored, over 10.000 interventions solved
- 2016 – first 11 km of **biking lanes** (on walking path) and creation of the first major **pedestrian area** in the historical area of the City – on 2023- implementation of **Iasi Velo City** project (900 bikes and new dedicated lanes) and extension of pedestrian areas
- 2018-2019- acquisition of **100 new buses Euro 6** (entire fleet of polluting, obsolete buses replaced)
- 2021 – **dedicated lanes** for **Public transport**

Creation process

- 2019 - **Digital Transformation Strategy** for the city of Iasi – including new **strategy Toward Carbon Free Mobility**
- 2022 - **Carbon Free Mobility**– acquisition **36 new trams** and 20 + 24 **Electric Buses** (12 m long and 10m long) on EFRD
- 2023- signature (in January) of a contract for **18 new trams & 25 new electric buses** on Romanian Plan for Resilience
- 2022-**Iasi Green City Action Plan** financed by EBRD including public buildings renovation nZEB (Near Zero Building) and construction of the new **Depot** for trams and electric buses

Iasi Depot

- Surface = 55 998 m²
- Estimated budget (EBRD funds) – about 46,5 mil Euro
- Equipped with **Photovoltaic system, heat pump** system and hot water production system based on solar panels, which allows an installed power of 1400 kw/h - the electric tram and bus **depot is energy independent**, producing **1533 MGW/year**



Evidence of success

- higher **air quality** measurements during last 2 years
- Higher **use of Public transport** (increase with more than 10% the no of users in last 5 years and incomes from ticketing)
- Impact of investments on **service quality** and **energy efficiency**

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