Integrated ITS System Smart & Green Mobility for the Bucharest-Ilfov Region – Passenger Information at Public Transport Stations

DESCRIPTION:

The modernization of the public transport system through the equipping of public transport stations in the Bucharest-Ilfov region with dynamic information panels that display real-time information regarding the organization and operation of vehicle schedules, both visually and audibly. This is a complex integrated project at the regional level, implemented through two distinct projects financed by PNRR (Bucharest, localities in Ilfov County), with the last component currently in the phase of identifying a funding source.
The integrated project aims to equip a total of 1,615 stations, with funding secured for approximately 1,120 stations.
TPBI is responsible for coordinating and integrating the projects initiated by the Local Public Authorities (UATs).

COMPLETION DEADLINE :

June 2026 (1.120 stations)

BENEFITS:

- Digitalization of passenger information services at public transport stations;
- Integration and interoperability between services and operators;
- Increased attractiveness of the public transport system;
- Improvement of the quality of the public transport service through higher predictability and increased accessibility for all citizens;

The project is unique due to the complexity of institutional processes and coordination of its financing components, while ensuring the coherence of technical solutions at the regional level. It also promotes the use of open data for the creation of an integrated ITS Smart & Green Mobility System for the Bucharest-Ilfov region and a unified passenger information system across the Bucharest-Ilfov region.

Pilot project for the digitalization and improvement of the passenger experience at public transport stations in the Bucharest-Ilfov region.

DESCRIPTION:

A pilot project developed within TPBI, which involves placing a QR code on the station's identification pole or modular shelter. When scanned, the code will open a web page providing general information of interest (estimated time until the arrival of the next vehicle at that station, station name, date and time, weather information).
The project is developed as a precursor to the installation of dynamic information panels at stations and will later complement these panels (for stations without dynamic information) as well as other existing applications.
The project tests the market consultation regarding digitized real-time passenger information solutions, relying on an open data platform already developed internally by TPBI (https://maps.mo-bi.ro/).
Additionally, to standardize and strengthen the visual identity of public transport stations, TPBI has initiated a collaboration with international organizations UITP and EMTA by sending a questionnaire to their members to identify best international practices in the development of visual identities for public transport stations.
This consultation will provide the foundation for a detailed analysis and specific proposals, aiming to create an accessible and attractive environment for users and to increase confidence in the use of public transport services within the Bucharest-Ilfov region.

BENEFITS:

- Market survey regarding the real-time data needs at stations for general information purposes;
- Increasing the administrative capacity of TPBI to cooperate with public transport users in project preparation;
- Improving the quality of time spent at public transport stations within the Bucharest-Ilfov region;
- Increasing passenger satisfaction by providing access to clear and updated information about the public transport vehicle schedules;
- Enhancing the attractiveness of the public transport system through the adoption of smart solutions in urban mobility;
- Promoting local tourism by providing information about points of interest and encouraging exploration of areas near the stations;
- Following the identification of the optimal algorithm for harmonizing public transport station names, overlaps will be eliminated, facilitating user orientation and improving the coherence of the public transport network.

COMPLETION DEADLINE :
january 2025

The project tests the integration of new digitalized passenger information solutions, while also refining methods and means for the phased implementation of projects.