

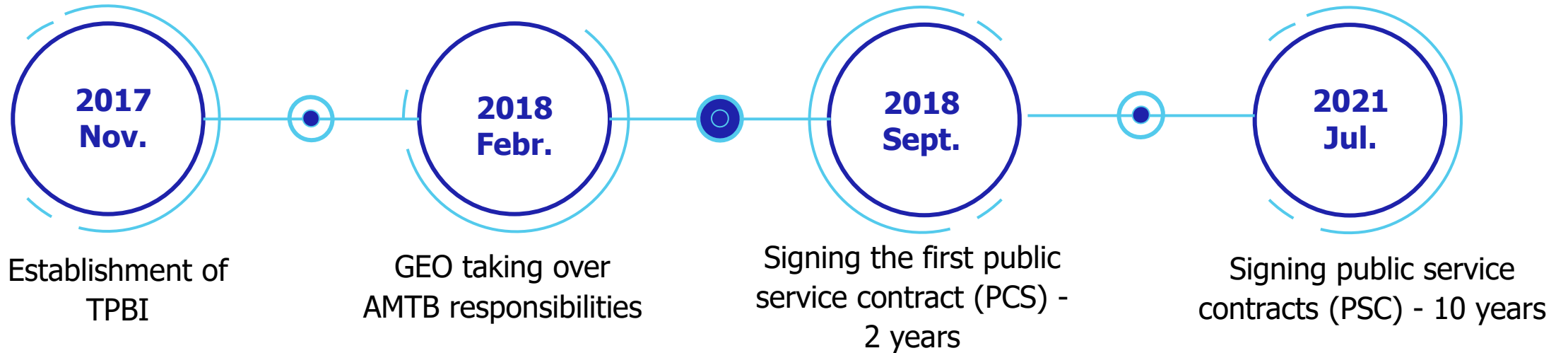
Bucharest-Ilfov Public Transport Intercommunity Development Association (TPBI)

Intelligent Transport System in the Bucharest-Ilfov area

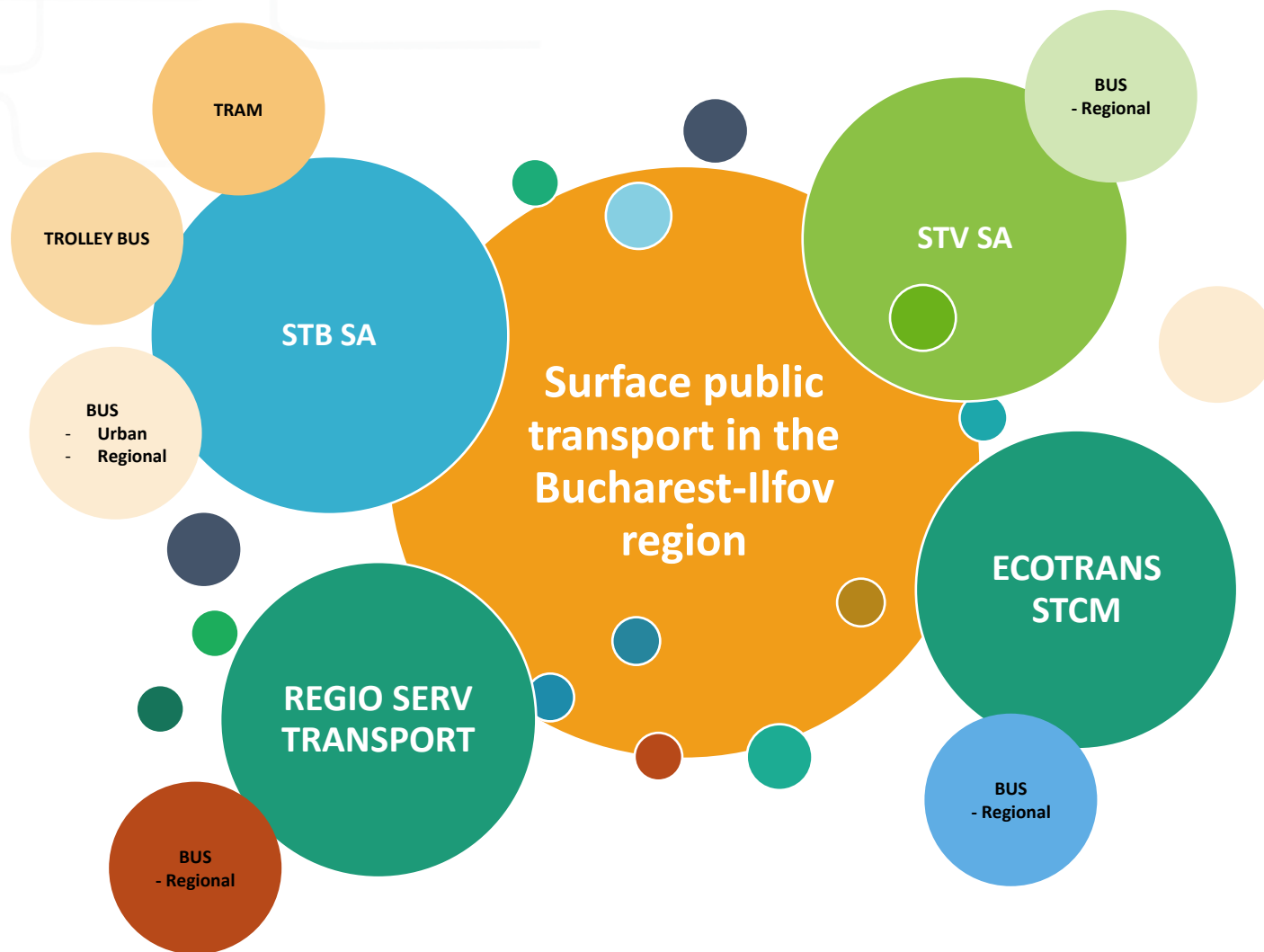
TPBI Factsheet

- **Established:** November 2017
- **Members:** 42 - all administrative-territorial units in the region: Bucharest Municipality, Ilfov County and the 40 local authorities (8 cities and 32 municipalities)
- **Tasks:**
 - Organises and monitors local public passenger transport;
 - Elaborates the integrated transport plan and fare policy at regional level;
 - Concludes contracts with public passenger transport operators, monitors and controls their implementation and KPIs;
 - Prepares documentation and projects for accessing European non-refundable funding, participates in the implementation of projects initiated by members.

Public service contracting



Public transport in the region



Public transport in the region

In the Bucharest-Ilfov Region there are **200** public transport lines, of which **135** are urban lines, operated by buses, trams and trolleybuses, and **65** are regional lines, operated by buses.



5 lines → **1 operator**, Ministry of Transportation



23 lines

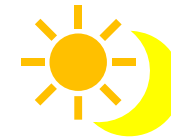


164 lines



13 lines

4 operators, TPBI



1.619 vehicles on
the daily route



6.000.000 daily trips

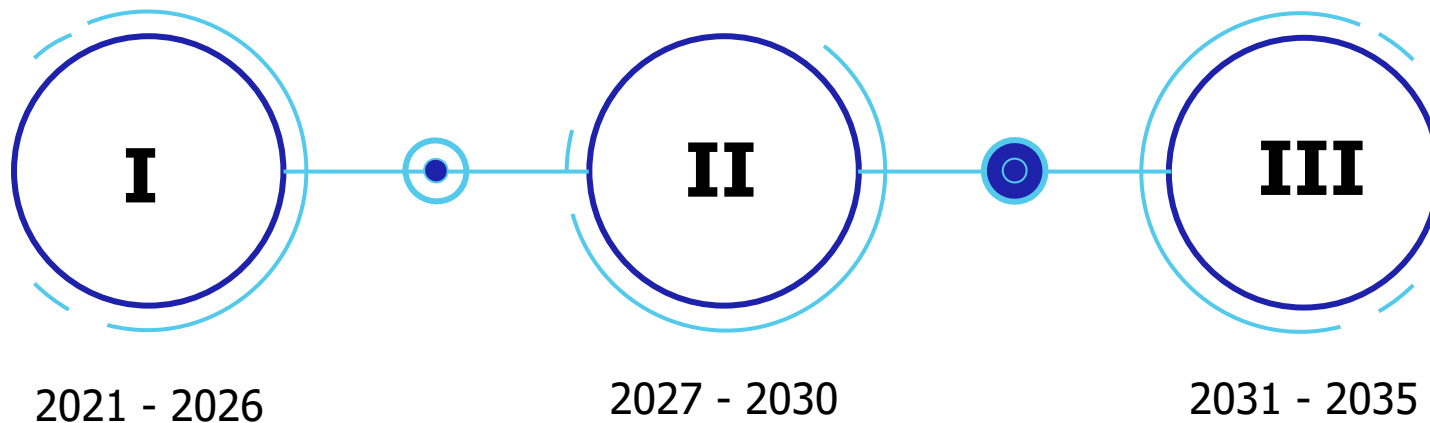


1.727 km PT
transport
infrastructure

Introduction of urban and metropolitan train services in the Bucharest-Ilfov region

The project aims, in the first instance, to use the existing railway infrastructure and, subsequently, to reactivate the unexploited lines.

The implementation horizon is 15 years, with stages in three phases:



TPBI Monitoring centre

42 Monitoring Agents:

- 15 in the Monitoring Centre
- 15 in the field
- 12 analysing collected data and monitoring PSC KPIs



Integrated Ticketing for Bucharest-Ilfov

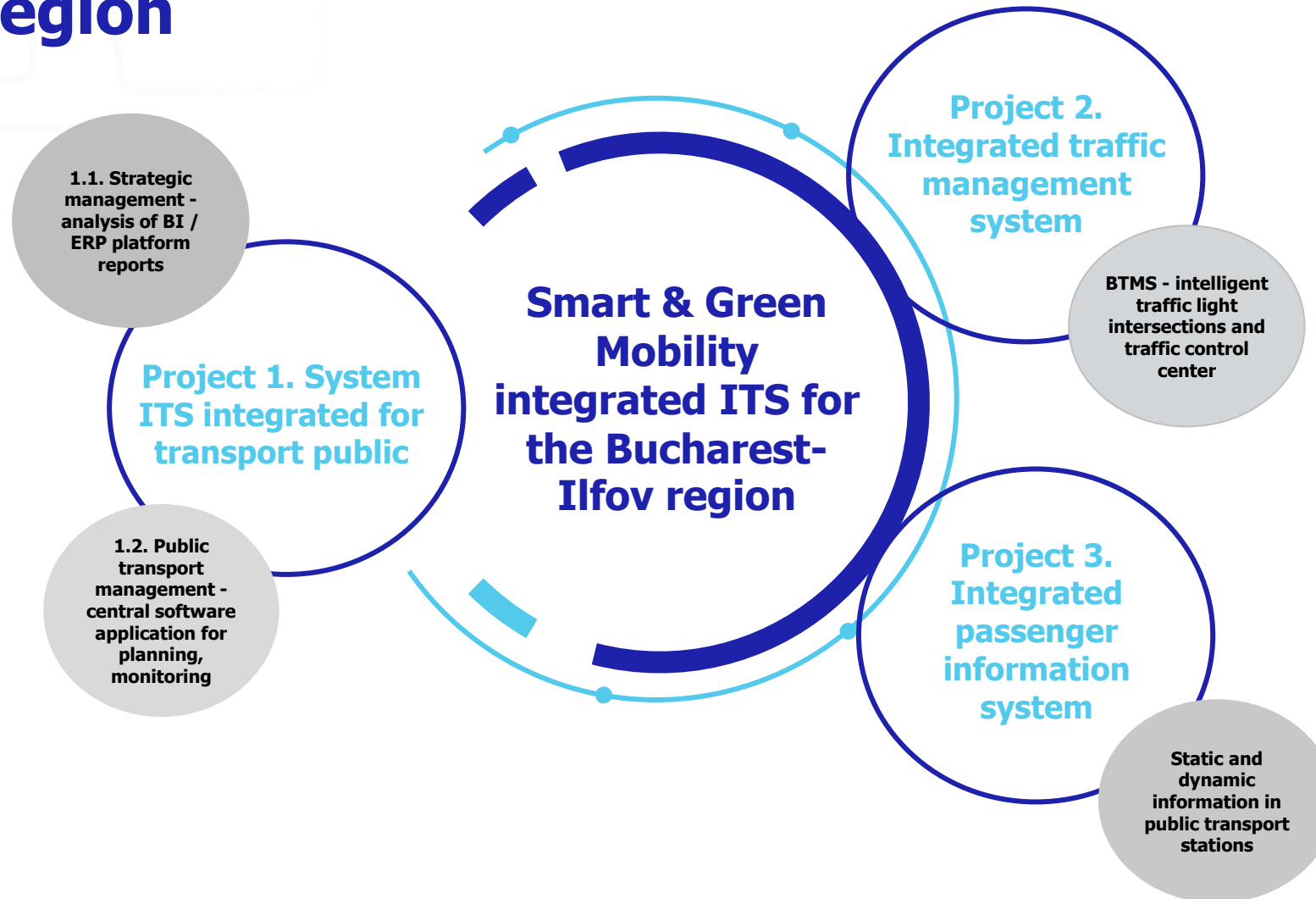
- Integrated tarif scheme since 2021
- Underground, Train (Railway Station-Airport), Surface public transport
- 5 types of passes:
 - Tourist card: 24/72 hours
 - Integrated Metropolitan Pass: 1/6/12 months

TOURIST TRAVEL CARD

One card
unlimited options



Smart & Green Mobility – Integrated ITS for the Bucharest-Ilfov region



Project 1. System ITS integrated for transport public - Main benefits:

- adaptive planning, monitoring, dispatching, the B-I surface public – open standards transport integration/digitalisation
- automatic data collection - transport model update;
- mobility data center-TPBI
- integration of data from external and internal electronic sources-integration with other PT modes;
- commercial management – clearing;
- improved public service contracts management (integrated management, performance and indicators, passenger relations, budgets, etc.)
- public transport asset and investment management;
- passenger relationship management.
- improved management of investment projects;

Project 2 Integrated traffic management system - Main benefits:

- improving road flow and citizen safety;
- modernisation and extension of the existing traffic control system;
- integrated traffic monitoring and management to streamline real-time decision-making;
- prioritisation of special purpose vehicles: public transport, rescue, fire and police.

Project 3. Integrated passenger information system

- Main benefits:

- integration of all transport operators;
- improving the journey planning and payment process;
- modernising and expanding the existing passenger information system;
- increasing the predictability of the transport service through real-time information on the position of vehicles
- unique branding for increased visibility of B-I PT services

Project status



Opportunity study for projects 1 and 2 - in progress.



Pre-feasibility study for project 3 - approved in 2022



Partnership with local authorities



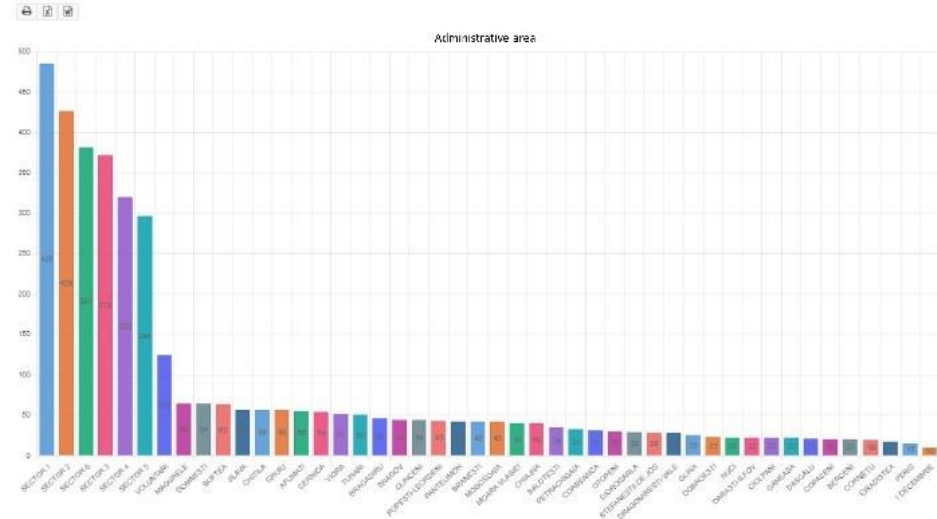
JASPERS technical support



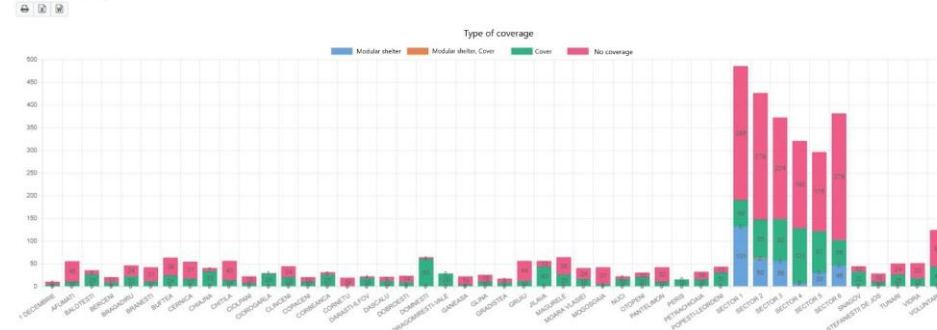
AMDB (Asset Management Database-stops)

- Developed between Jun-Aug 2021;
- Online on Sep 1st 2022;
- 3,812 functional stops inventoried (2,271 in Bucharest and 1,541 in Ilfov)
- 8 types of reports generated: administrative area, type of coverage, furniture, other stop functionalities, advertising space, stop identification, accesibility facilities, stop status

Area report



Type of coverage



THANK YOU!