


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



## What do we envision?



The project to introduce metropolitan train services in the Bucharest-Ilfov area will be one with a major transformative power in the entire functional area around the capital and will contribute to achieving the objectives of sustainable urban development specified at European and national level.

Commuter train is an important segment of the general rail transport market in the European Union.

It is also a challenge for the public transport market as a whole, making a significant contribution to increasing the sustainable urban and peri-urban mobility of people, but also to encouraging the transition from private car to mass passenger transport, thus providing access to major cities, but also to decongest road arteries.



## What's the current state of the railway network?

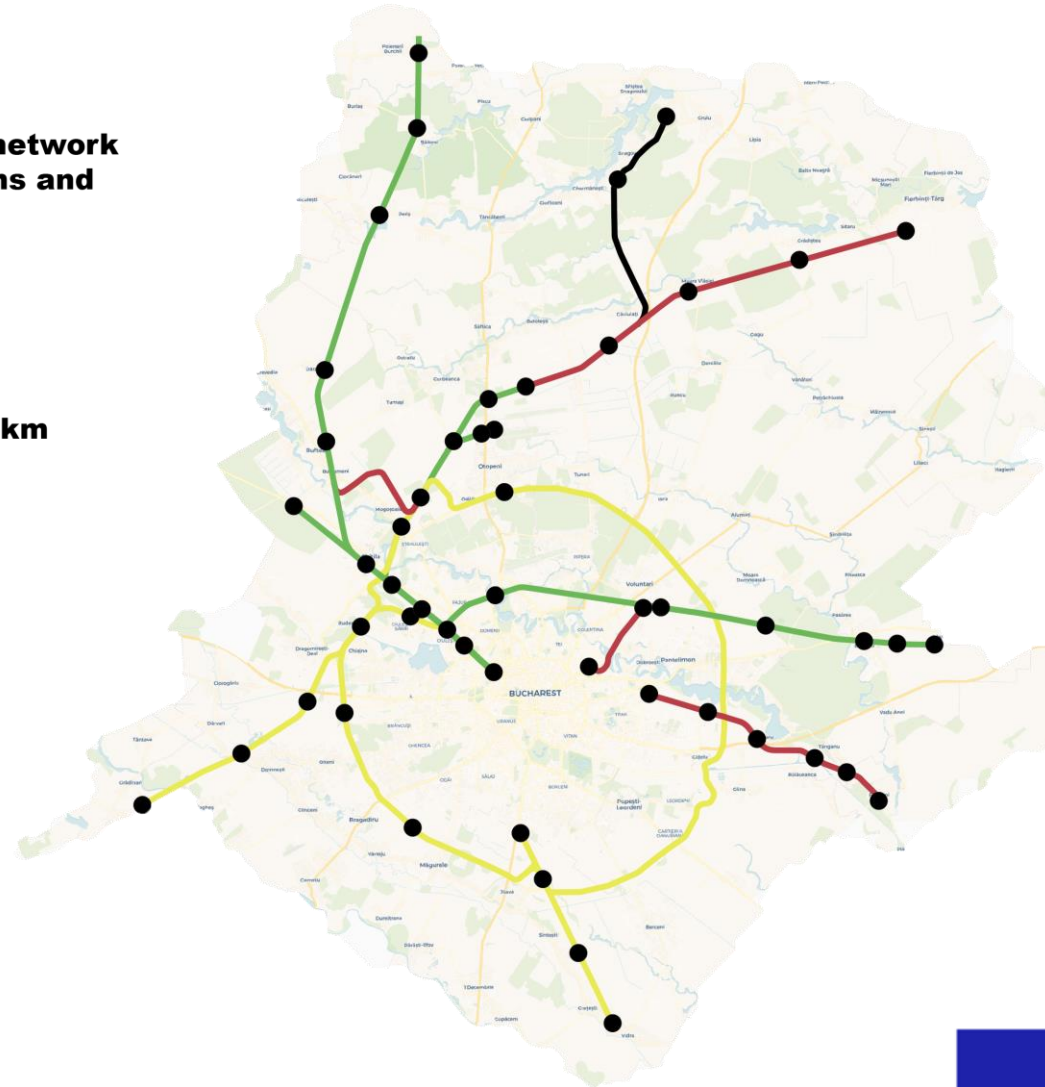


The current railway network consists of 51 stations and stopping points.



The total length of train tracks is 330 km

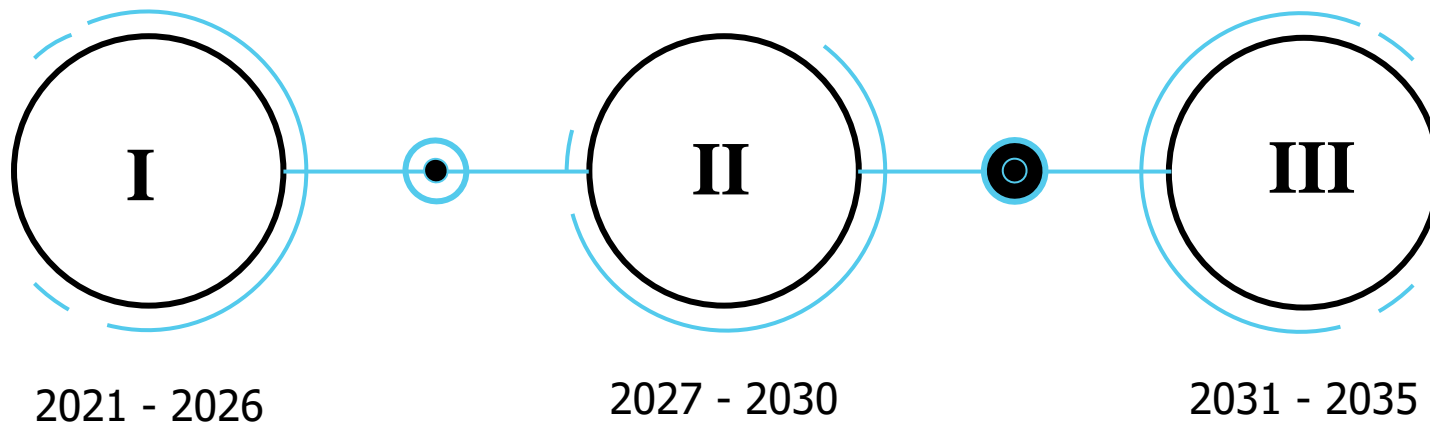
- Modernized tracks
- Tracks in project
- Not modernized tracks
- Inoperable line



## What's the aim of the project?

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:



## What progress have we made?



Opportunity study - approved in 2021



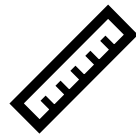
Investment plan - approved in 2022



Feasibility study - in progress



Partnership with local authorities and  
National Railway Company



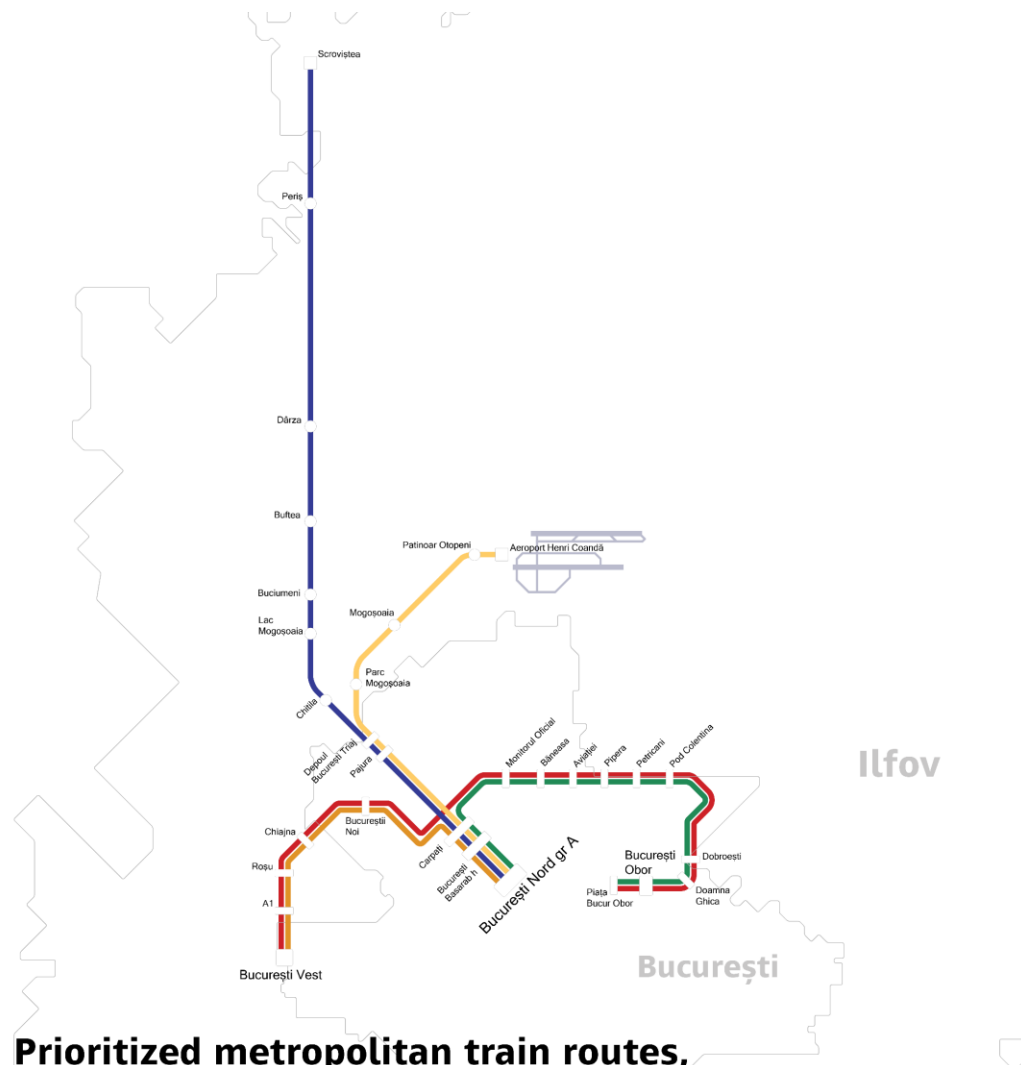
Technical assistance from the World Bank  
and JASPERS

## What are the costs for implementation?

Type of investments	Phase 1	Phase 2	Phase 3	Total investments costs
Complementary projects	44,040,000	104,456,000	200,181,153	348,677,653
Investments in rolling stock	72,000,000	254,000,000	288,000,000	614,000,000
<b>TOTAL</b>	<b>116,040,000</b>	<b>287,907,278</b>	<b>237,620,016</b>	<b>962,677,653</b>

\*prices are in €

# Prioritized train routes from the first part of the project

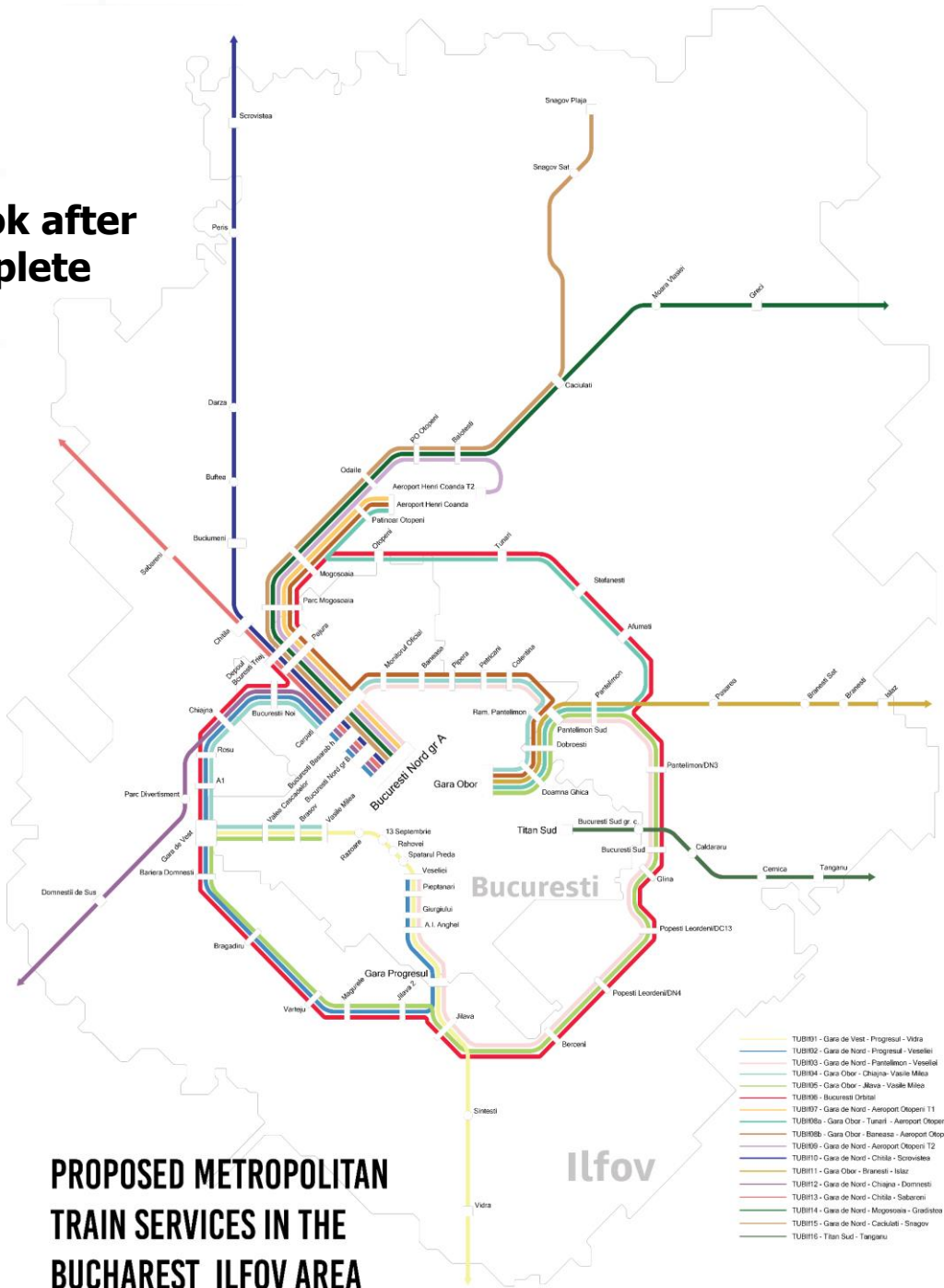


**Prioritized metropolitan train routes, from București - Ilfov region**

- TUBH01B - București Nord - București Vest
- TUBH20 - București Nord - București Obor
- TUBH11A - București Obor - București Vest
- TUBH16 - București Nord - Aeroport Henri Coandă
- TUBH6 - București Nord - Scroviștea



# How the network might look after the implementation is complete



## PROPOSED METROPOLITAN TRAIN SERVICES IN THE BUCHAREST ILFOV AREA

- TUBI01 - Gara de Vest - Progresul - Vidra
- TUBI02 - Gara de Nord - Progresul - Veseliei
- TUBI03 - Gara de Nord - Progresul - Veseliei
- TUBI04 - Gara Obor - Chisina - Vialta Mica
- TUBI05 - Gara Obor - Jilava - Vialta Mica
- TUBI06 - Bucuresti Orbital
- TUBI07 - Gara de Nord - Aeroport Otopeni T1
- TUBI08a - Gara Obor - Tunari - Aeroport Otopeni T1
- TUBI08b - Gara Obor - Baneasa - Aeroport Otopeni T1
- TUBI09 - Gara de Nord - Aeroport Otopeni T2
- TUBI10 - Gara de Nord - Chisina - Scovileta
- TUBI11 - Gara Obor - Branești - Ialaz
- TUBI12 - Gara de Nord - Chisina - Domnesti
- TUBI13 - Gara de Nord - Chisina - Sabarosi
- TUBI14 - Gara de Nord - Mogosoaia - Gradistea
- TUBI15 - Gara de Nord - Cackubati - Sragov
- TUBI16 - Titian Sud - Tangaru

## Design proposals













**THANK YOU!**