



LINKING URBAN MULTIMODAL HUBS TO THE HIGH-SPEED RAIL

SESSION A: INTEGRATING HIGH-SPEED RAIL WITH URBAN MULTIMODAL HUBS

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EIB - The Bank of the European Union



EIB ADVISORY: THE ESSENCE OF WHAT IT MEANS TO BE A PROMOTIONAL INSTITUTION



– PART OF EIB ADVISORY

Joint Initiative:

- European Investment Bank
- European Commission (DG REGIO, MOVE & ENEST)

Local Presence



+100 experts:

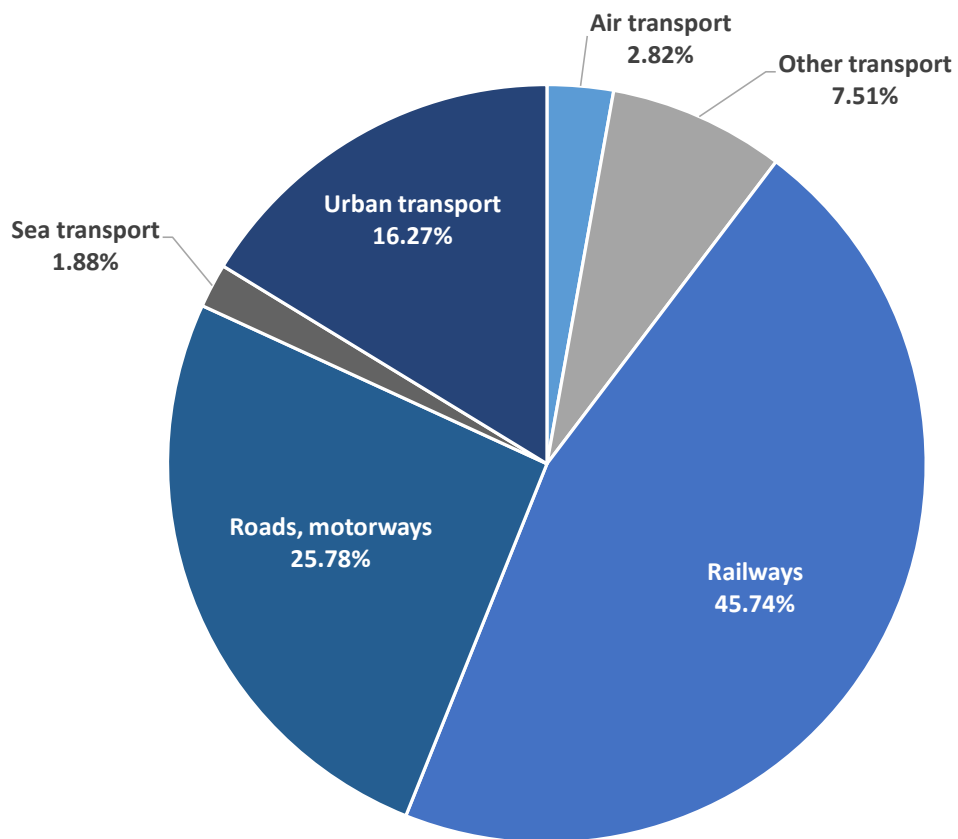
- High Expertise
- Sector Specialization

Services adapted to needs of beneficiaries

EIB and Transport



2025 lending - share



Some of the key priorities for 2026

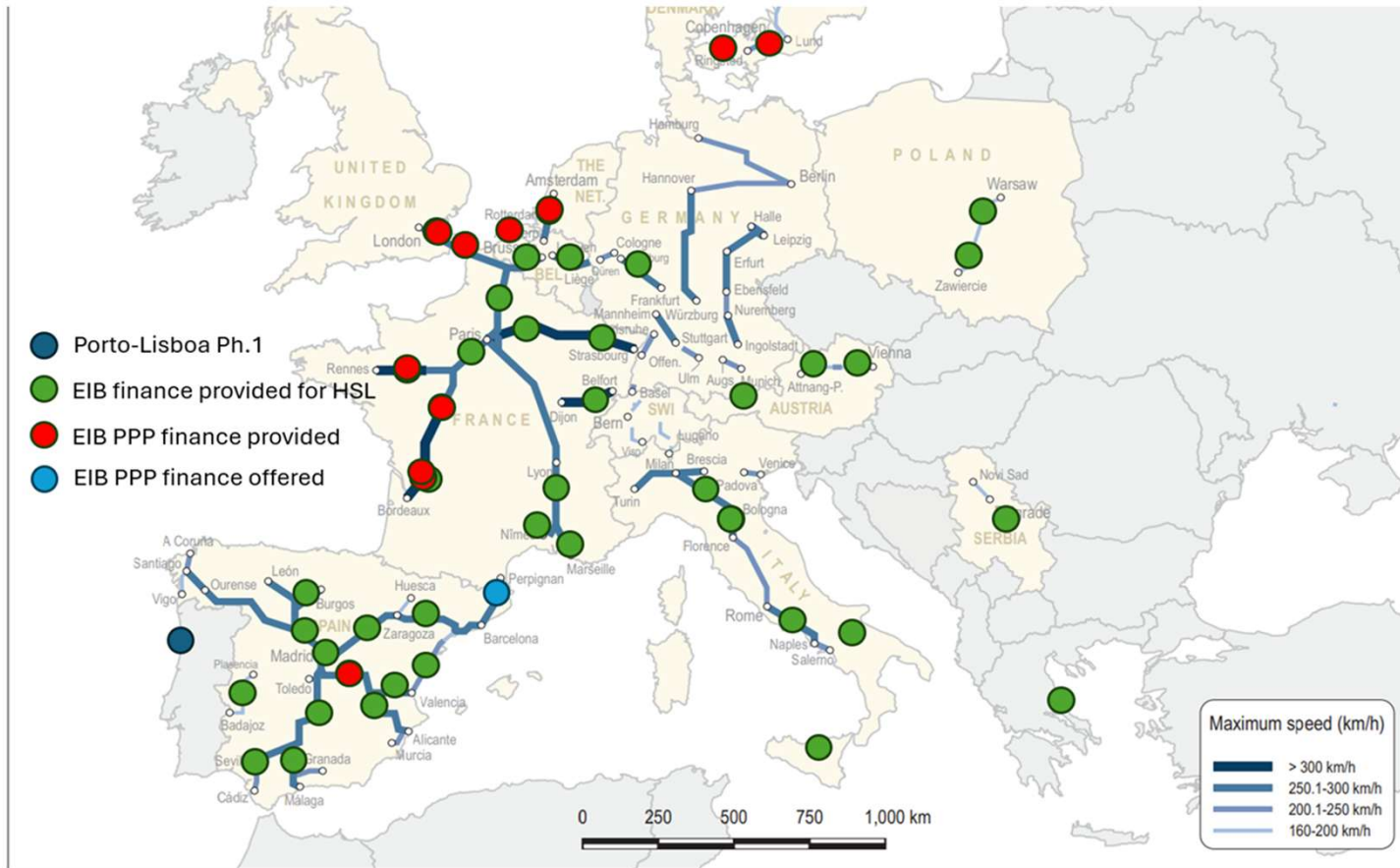
EU Ports & Industrial Maritime strategies

Driving forward Military Mobility, HSR & STIP, TEN-T, with EC

TLP Mid-Term Review

Advisory

EIB – The financier of the EU HS Network



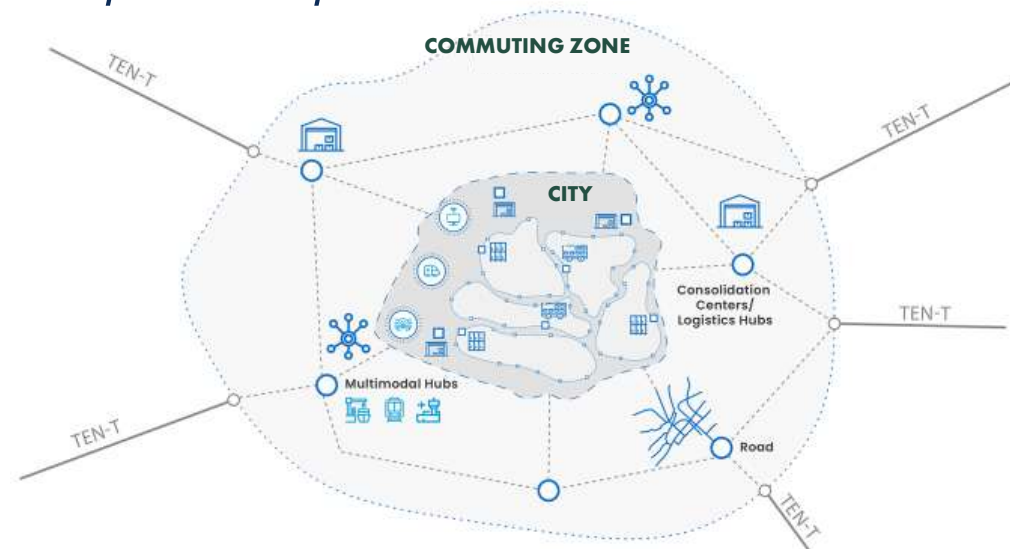
Source: compiled by authors based on International Union of Railways, 2022 & EIB projects on up to 2025

The Urban Node – More than transportation alone



○ Growing Cities

- *Delivery of Major Infrastructure, and the spatial response*



- *Defining ‘functionality’ of Infrastructure*

Ref: DUT Partnership

-> *An urban node is not a specific location, but a functional **urban area***

Functionality of Transport Infrastructure in a Node

Strategic



Local



- What is a Strategic Infrastructure?
- Who uses which layer of transport infrastructure?
- Challenges & Opportunities for synergies
- What is required of the institutions to achieve this?

Transport & Spatial planning as a tool for urban nodes

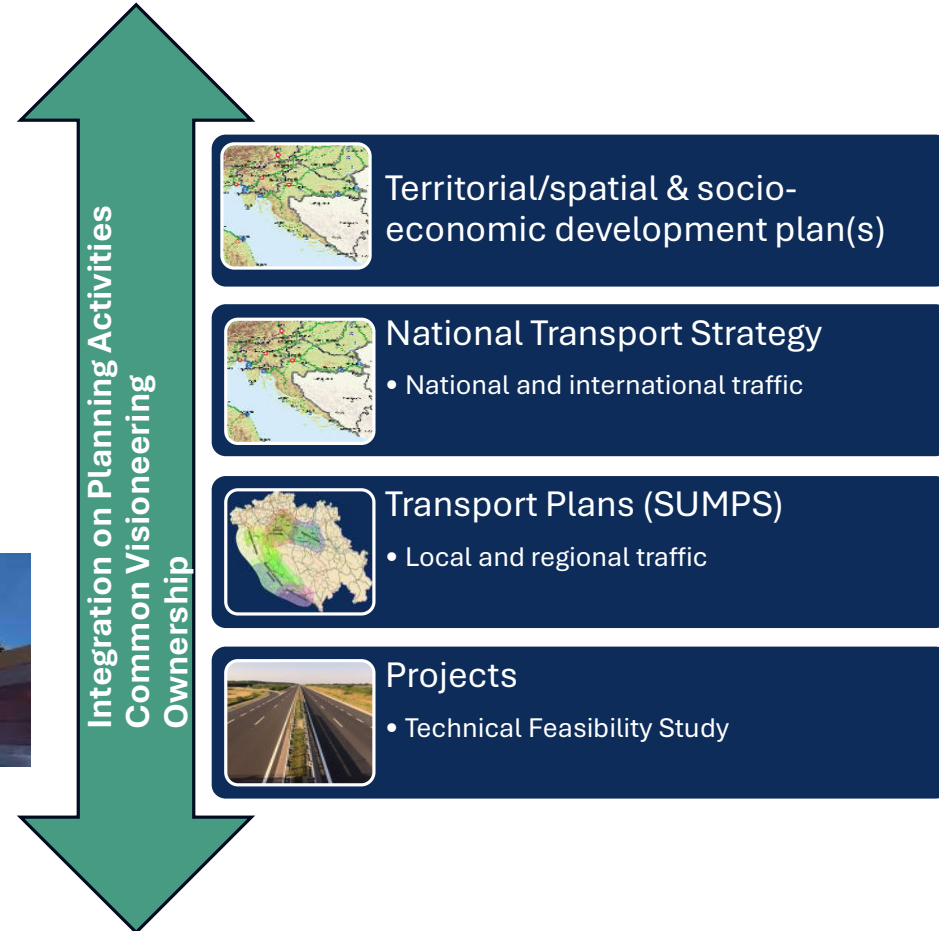
Delivering Safety, Efficiency, Reliability.....*but*..... Quality of Life?



What about the Urban Node as a 'Service Hub



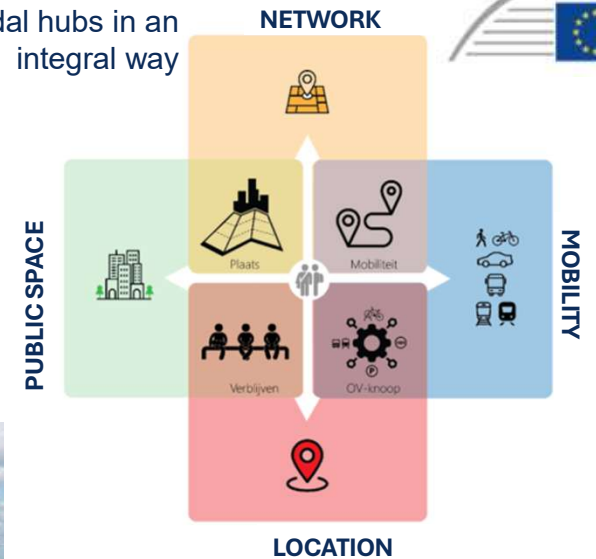
What is required of the institutions to achieve this?



Create synergies

- As much as possible **look for opportunities** and synergy with stakeholders.
- Finding synergies between strategic and local value trips, between freight and passenger travel, **reduces costs for everyone involved.**
- Integrate multimodal hubs** into urban environment.

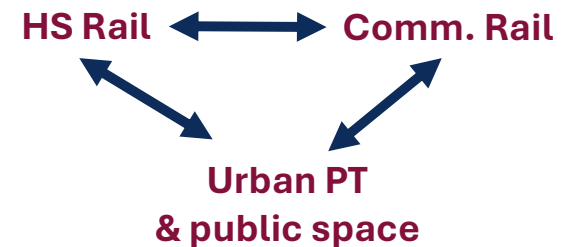
Designing multimodal hubs in an integral way



Rotterdam railway station (Goudappel)



Total reconstruction of Rotterdam Railway Station (2014)



Design principles for multimodal hubs in TEN-T urban nodes

- Integrative urban form & morphology
- Human-centred design
- Designing for peak pedestrian flows
- Land-use integration
- Integration of transport modes



Ref: DUT Partnership

Governance and financing



- Don't define boundaries administratively instead through ecosystem of actors with common interests and (could/should) cooperate
- Differentiated priorities hinder the creation of a common vision
- Change of political leaders may cause delays or cancellation of plans
- Because of the complicated governance question, it proves difficult to lock sustainable funding and financing



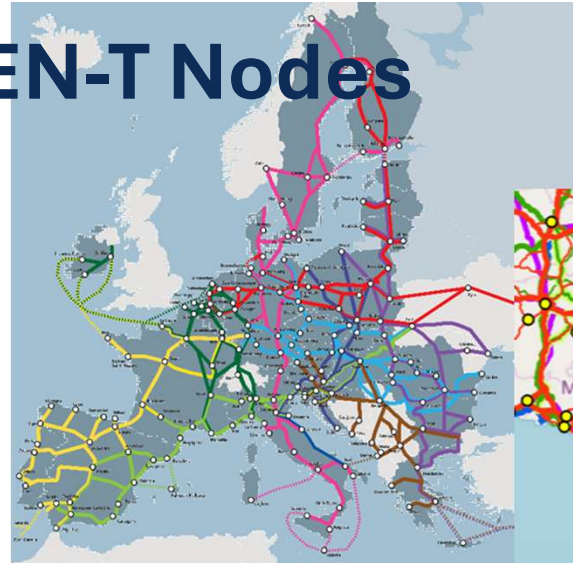
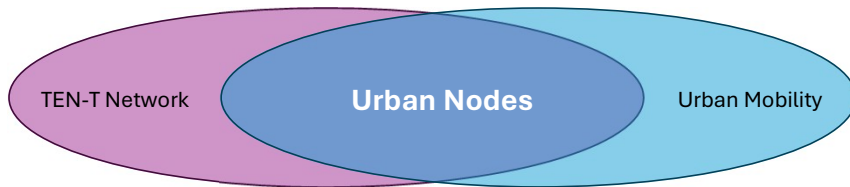
All stakeholders signing the Roadmap 2030 SUMP for the Antwerp region (Antwerps persbureau)

The plan is widely supported and emphasizes the need for intensive cooperation between all parties involved to better manage traffic flows in the Antwerp Transportation Region.

EIB Advisory work on TEN-T Nodes



Background: TEN-T Regulation (EU) 1679/2024

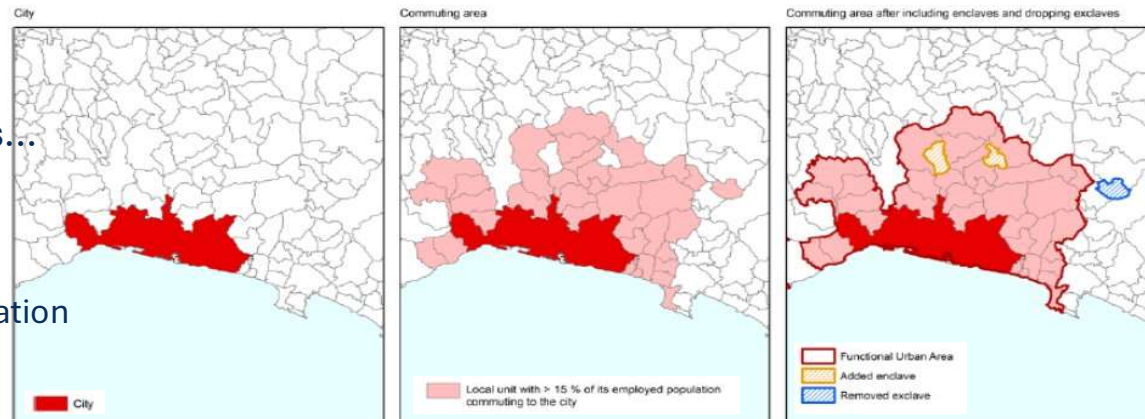


Spain and Italy

- Support in implementing the TEN-T Regulation regarding the urban nodes requirements
- Covering almost 99 nodes (over 20% of the total)

Further Advisory support

- Development of SUMP on some Pilots
- Project development: railways, ports, metro, e-buses...
- Collaboration with DG MOVE:
 - EU-wide SUMP training
 - SUMP Topic Guidelines on Urban Mobility Decarbonization (finalised), extension to include Resilience under discussion



A photograph of a modern glass skyscraper at sunset. The building's curved facade and steel framework are visible on the right side. The sky is a mix of blue and orange, with some clouds. In the foreground, there is a dark, flat surface, possibly a rooftop or a parking lot, with a metal railing. The text "THANK YOU - QUESTIONS ?" is overlaid in the center in a bold, white, sans-serif font.

THANK YOU - QUESTIONS ?