



High-speed lines- Reality of the future

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Gradual network completion in three steps

2030

Core network
completion with
regard to 2013 TEN-T
standards

2040

- Completion of the extended core network sections (part of European Transport Corridors)
- Newly introduced TEN-T standards on core and extended core network
- ERTMS deployment obligation on extended core and comprehensive network

2050

Completion of
comprehensive network

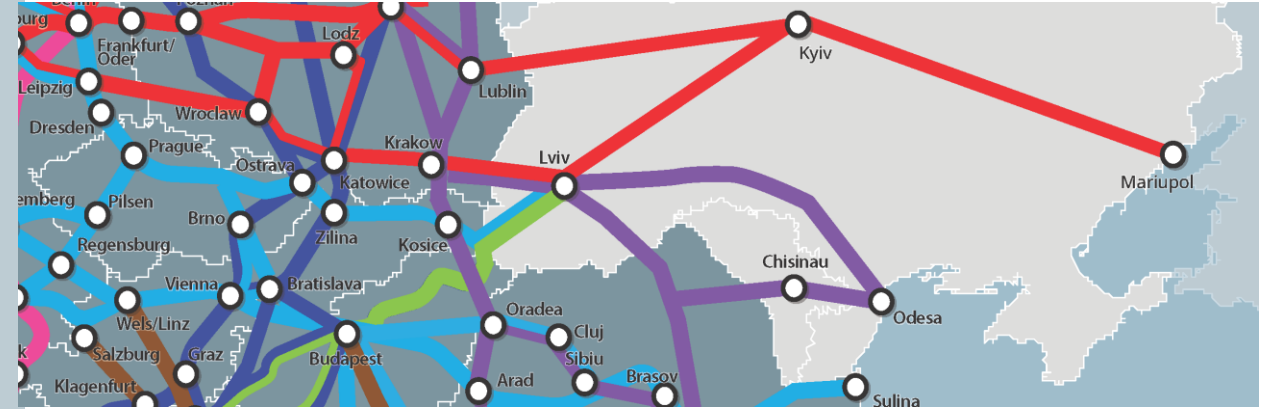
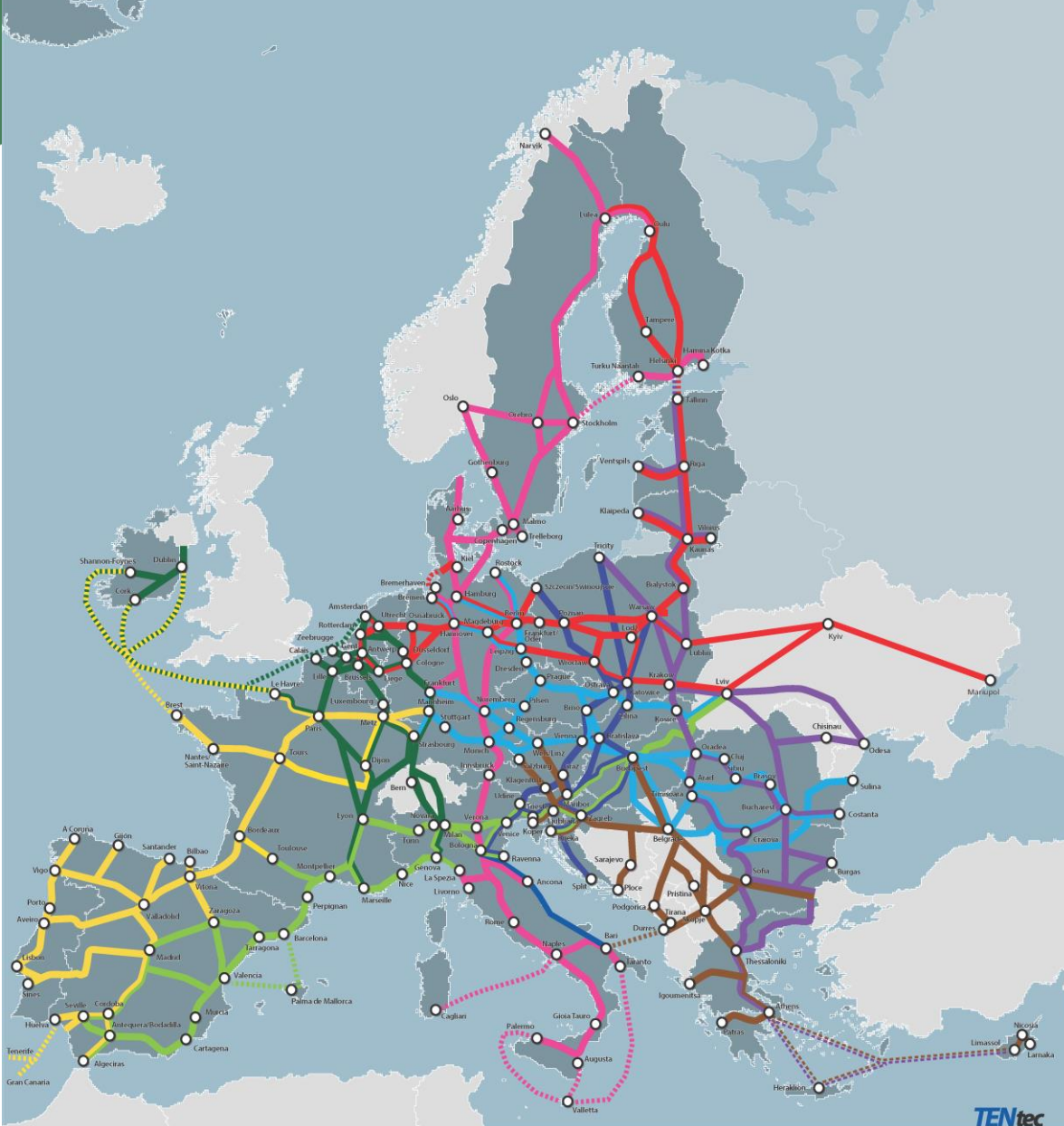


Amended TEN-T proposal (July 2022)

Extension of European Transport Corridors (ETCs)

1. **Extension of 4 ETCs** to Ukraine & the Republic of Moldova
2. **Removal of indicative TEN-T maps for Russia and Belarus**
3. **Downgrading of “last-mile” connections to Russia and Belarus** (i.e. from core to comprehensive network)
4. **Fostering rail interoperability** by removing obstacles of different track gauges

SUSTAINABLE & SMART MOBILITY STRATEGY



- **North-Sea Baltic Corridor** → Lviv, Kyiv, Mariupol
- **Baltic-Black-Aegean Sea Corridor** → Lviv, Chisinau, Odesa
- **Mediterranean Corridor** → Lviv
- **Rhine-Danube Corridor** → Lviv

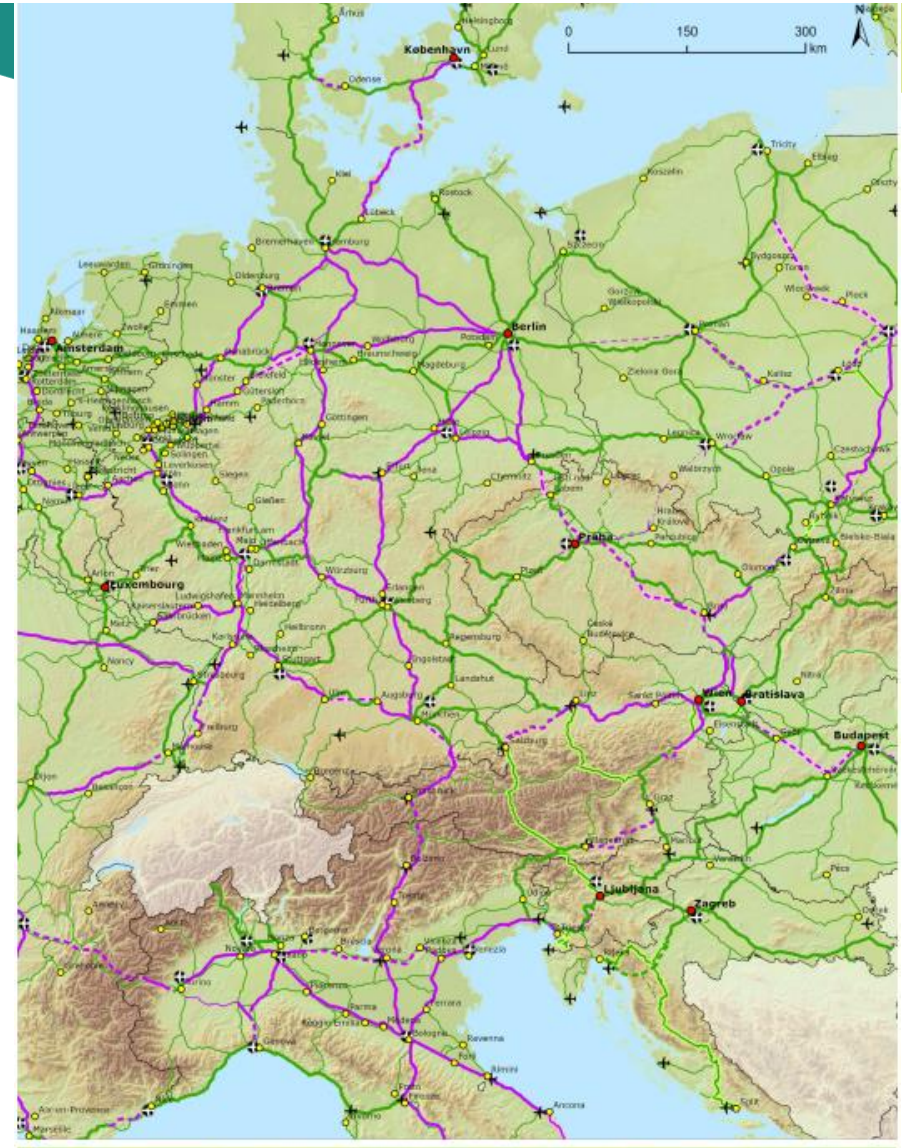
The parts of the map pertaining to corridor alignment in third countries are indicative.

- ATLANTIC
- NORTH SEA - RHINE - MEDITERRANEAN
- NORTH SEA - BALTIC
- SCANDINAVIAN - MEDITERRANEAN
- BALTIC SEA - ADRIATIC SEA
- RHINE - DANUBE
- MEDITERRANEAN
- WESTERN BALKANS - EASTERN MEDITERRANEAN
- BALTIC SEA - BLACK SEA - AEGEAN SEA

Railways – ≥ 200 km/h



Railways – passengers - CZ



Railways – freight

Inland Waterways

Roads Map



Railways Core	Railways Extended Core	Railways Comprehensive	Compr	Core	Urban Nodes
— Conventional	— Conventional / New Constr.	— Conventional / New Constr.	⚓	● Capitals	● Urban Nodes
— ≥ 200 km/h	— ≥ 200 km/h	— ≥ 200 km/h	⚓	● RRT	● Urban Nodes
— ≥ 200 km/h / New Constr.	— ≥ 200 km/h / New Constr.	— ≥ 200 km/h / New Constr.	⚓	⚓	⚓
↔ Projected	↔ Projected	↔ Projected			



Core	Comprehensive	Core	Urban Nodes
— Inland Waterways	⚓	⚓	● Capitals
— Inland Waterways / New Construction	⚓	⚓	● Urban Nodes



Core	Roads Extended Core	Roads Comprehensive	Comprehensive	Core	Urban Nodes
— Road	— Road	— Road	⚓	⚓	● Capitals
— Road / New Constr.	— Road / New Constr.	— Road / New Constr.	⚓	⚓	● RRT
↔ Projected	↔ Projected	↔ Projected	⚓	⚓	● Urban Nodes

EU funding for the TEN-T 2021-27

Regional policy funds (ERDF, Cohesion Fund)

TEN-T, urban and regional mobility

About **15 billion** for TEN-T (estimates – programming ongoing)

Recovery and Resilience Facility

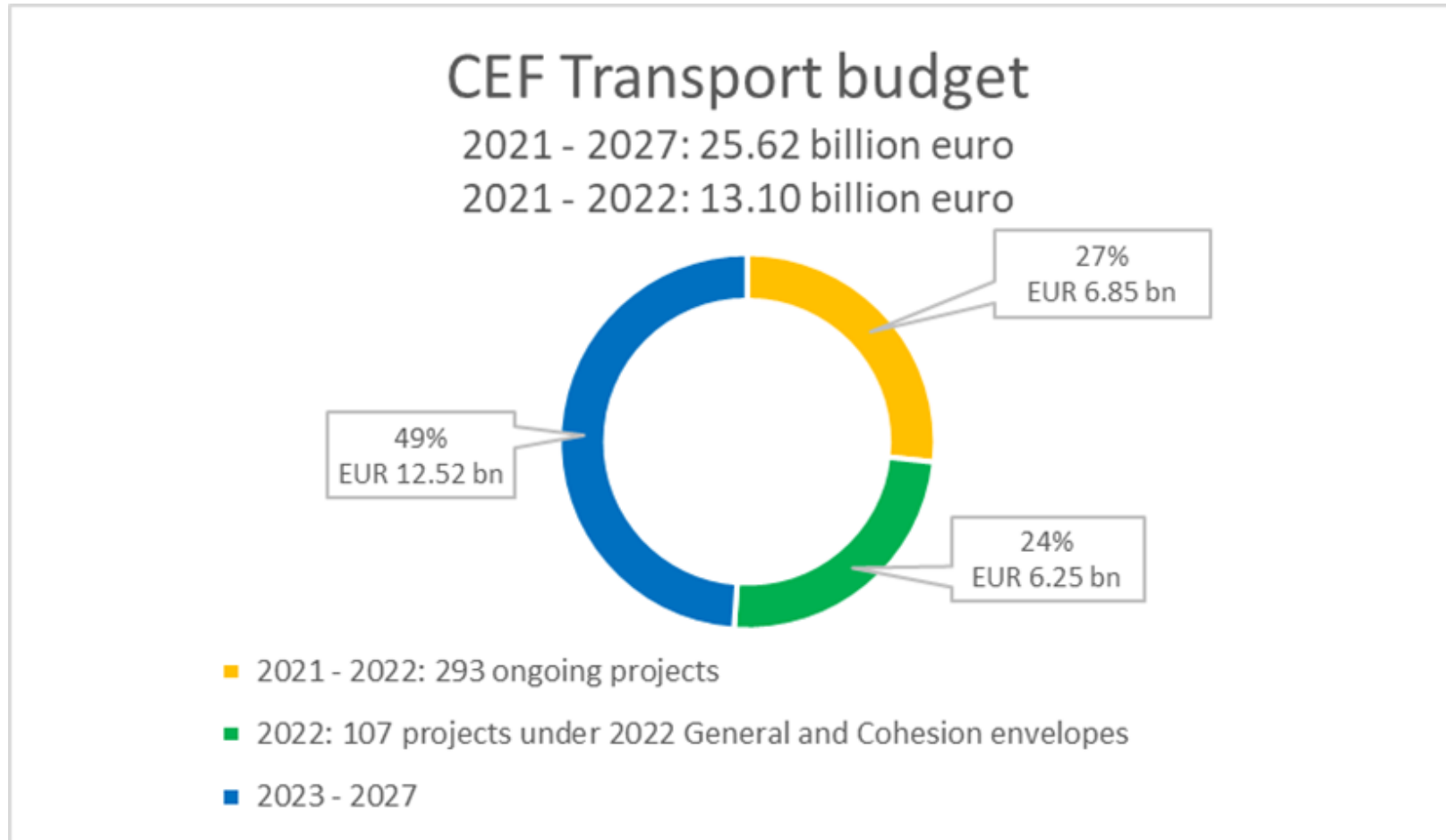
TEN-T, urban and regional mobility

In total almost **93 billion €** for transport investments, including about **15-20 billion €** for TEN-T

Connecting Europe Facility

Only TEN-T
25,8 billion €

State of play on the CEF Transport budget



Beyond grants – attracting private investments

- Public support to transport infrastructure remains crucial, but will always remain insufficient
- Need to crowd in private financing
- InvestEU leverages public and private financing
 - Successfully used for the HS rail link Palermo-Catania
 - Also providing technical assistance



Alternative fuels infra & fleet
Green transition



Profitable infrastructure

Projects' bankability



Thank you

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