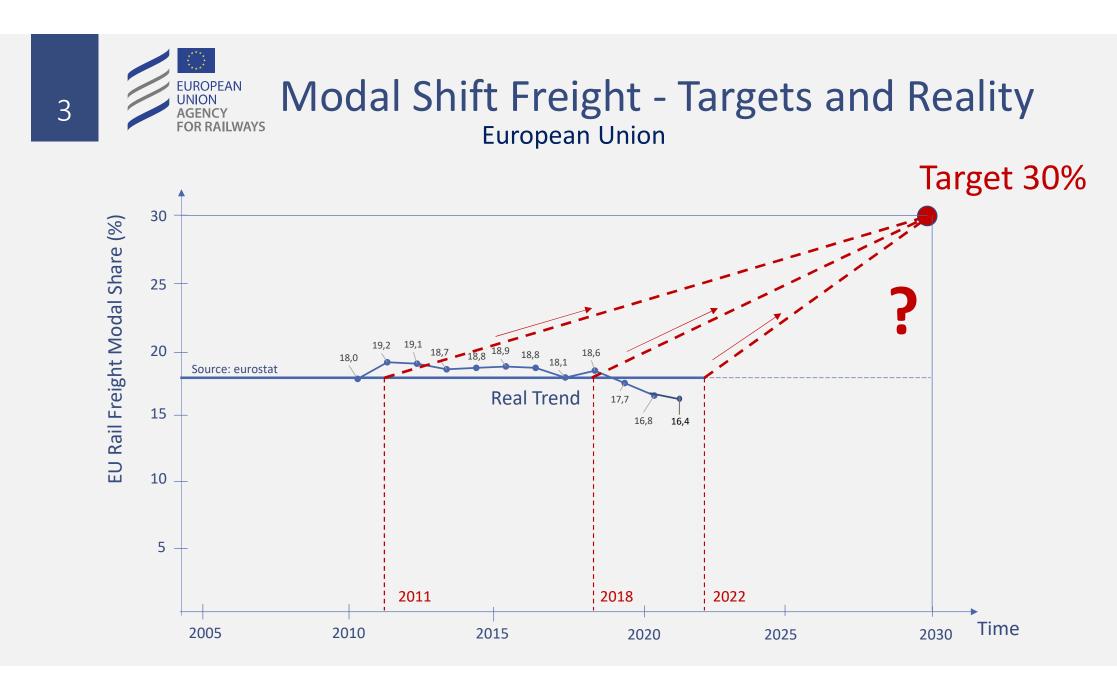
Rail Freight in the European Union

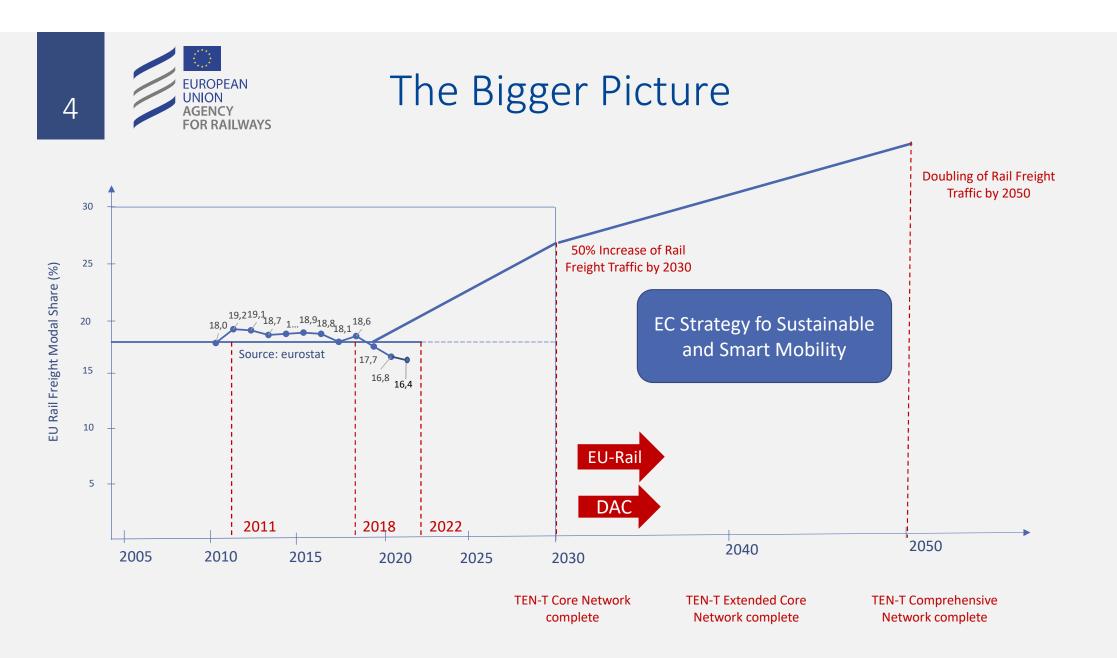
FERRMED Conference | 29.11.2023 Josef Doppelbauer | Executive Director







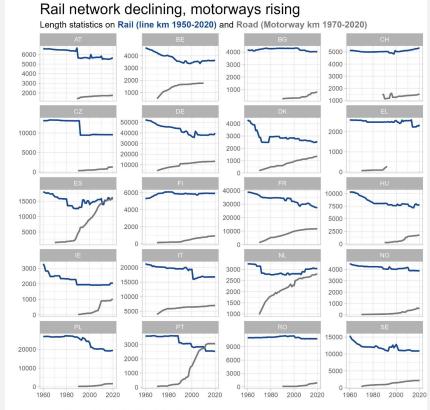






Network Evolution Rail vs. Road

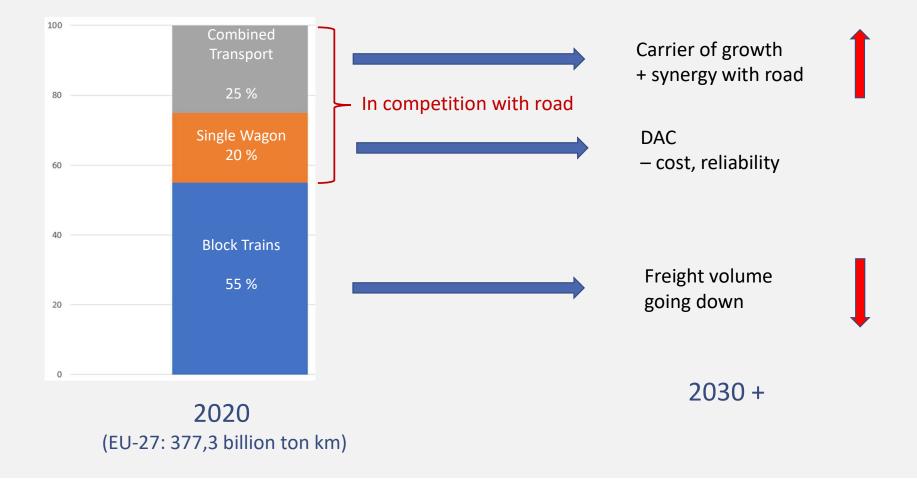
About 53 000 km of motorways has been constructed, whereas approximately 55 500 km of railway lines have been removed.



Source: International Historical Statistics (rail), Eurostat (road)



Potential for Modal Shift Freight





Freight - the Potential

Modal shift potential from long-distance Road to Rail Freight (no Road Freight for > 700 km)



36 % Rail Market Share – if long distance road freight is substituted by rail

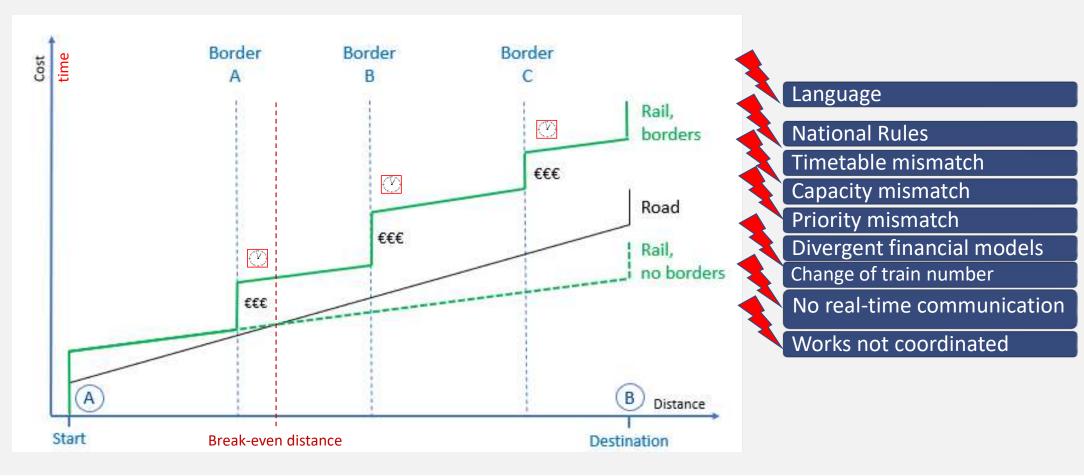
Saving 40 million tonnes CO₂ per year

See also: Study analyses transhipment options for more competitive intermodal transport and terminal capacity on TEN-T network, DG MOVE, May 2022



Cross-Border is the Critical Issue for Rail

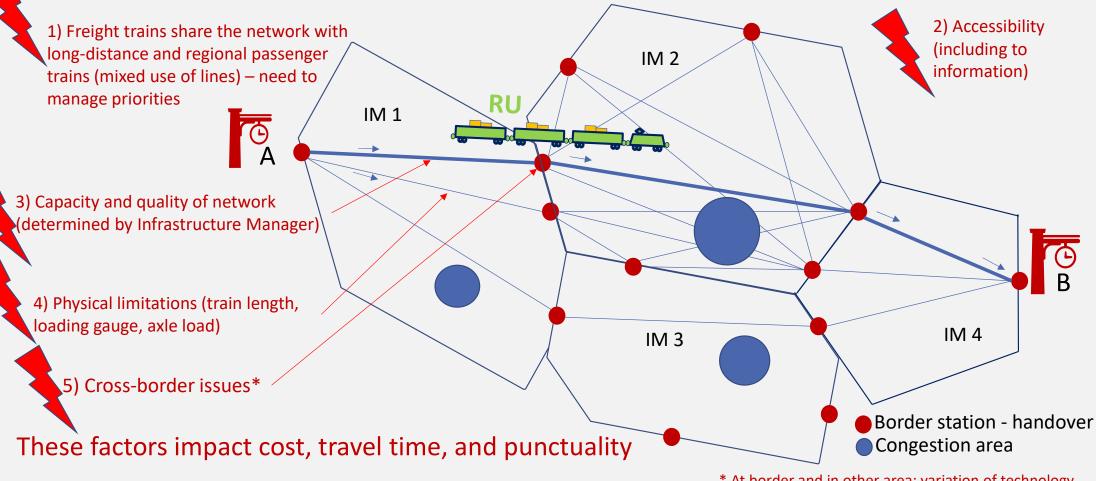
Sharp contrast with road freight



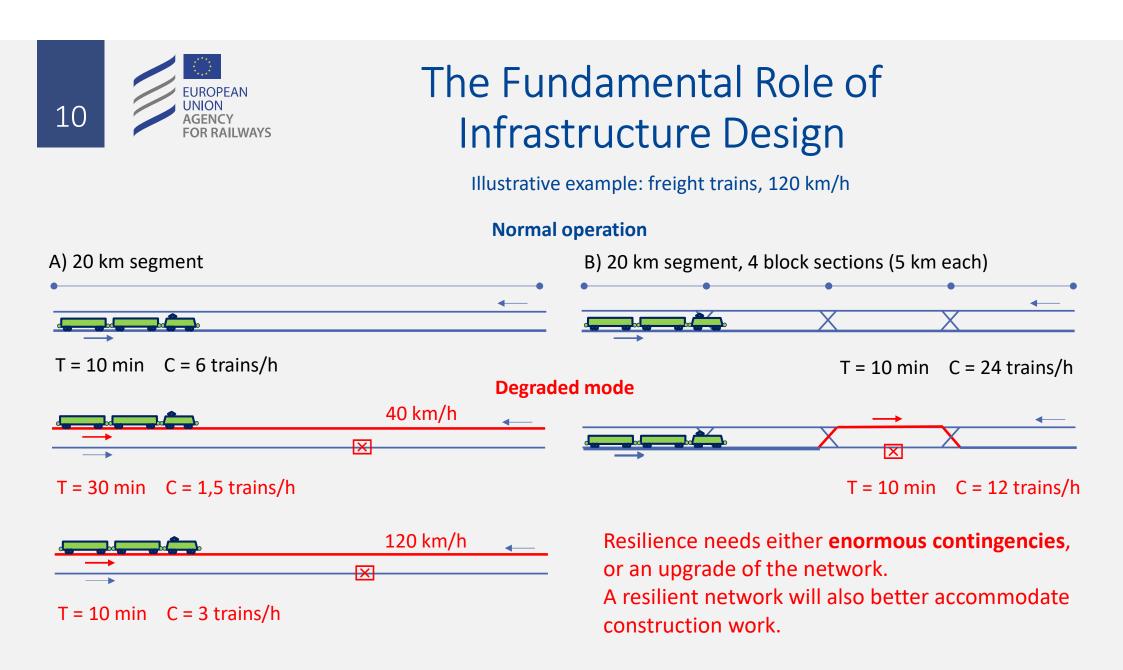
8



International Freight Trains - Issues



* At border and in other area: variation of technology





CONCLUSION

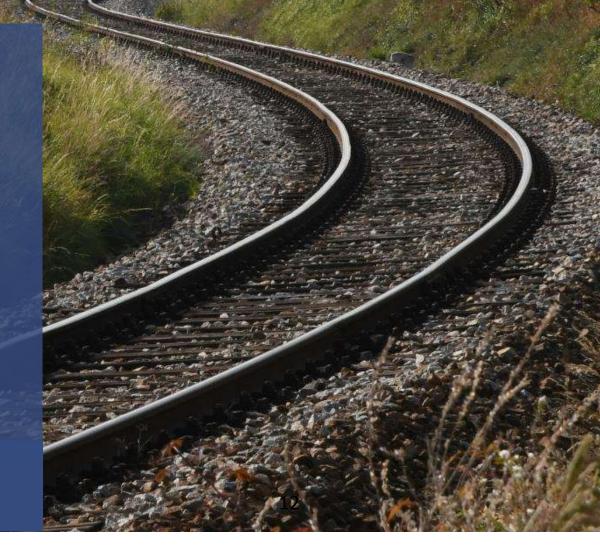


- Rail is by far the most energy-efficient and the safest transport mode
- Modal Shift needs **targeted investment** in a coherent, integrated European network
 - Availability of connections (missing links)
 - Built for capacity and resilience
 - No speed and axle load limits (reach 22,5 t)
 - Electrification
 - ERTMS end-to-end
 - 740 m trains, P 400 loading gauge
- Europeanisation from national patchwork to a European network - institutionalise European Traffic Planning and Capacity Management
- Digitalisation intelligent railway network
- Multimodal integration (transport chains)
- Fair taxes and allocation of externalities
- Strengthening safety (improve information sharing)

Thank You!

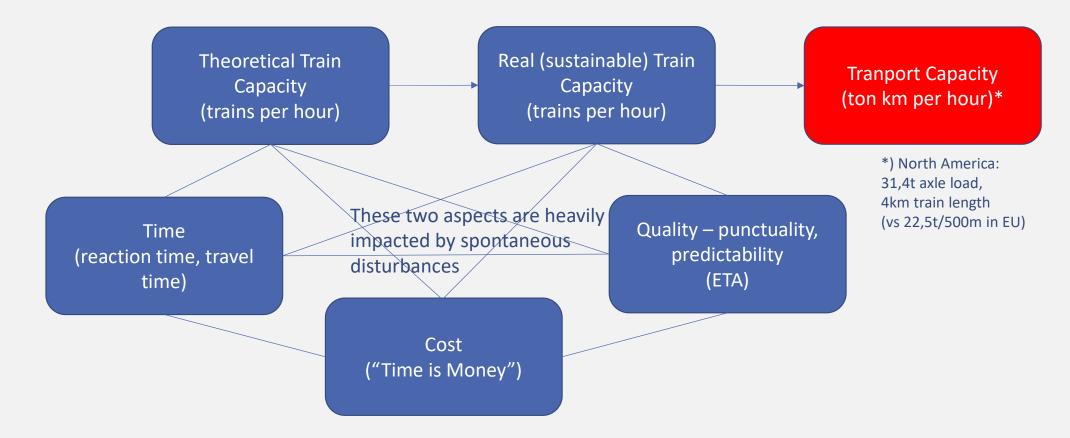
Moving Europe towards a sustainable and safe railway system without frontiers.

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The Problem



Rail freight is in competition with other modes of transport (in particular road)

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Capacity Definitions

Train Capacity (trains/h)	Theoretical	Planned	Used	
Transport Capacity (ton km/h)	Theoretical	Planned	Used	

Relevant for the Modal Share