



INTERNATIONAL UNION  
OF RAILWAYS

# **UIC: Paving the Way for Seamless Multimodal Travel**

Transport Ticketing Global – London - 4<sup>th</sup> March 2025



**TRANSPORT  
TICKETING  
GLOBAL**

**Bertrand MINARY**

*UIC Passenger Director – Coordinator of Middle East and Latin America region*

Transport Ticketing Global, 4 March 2025

# Agenda

- 1** Rail as backbone of mobility for climate change
- 2** UIC community is committed to issue multimodal Ticketing solutions
- 3** Multimodality as the main trend
- 4** Solutions need to be interoperable
- 5** Q & A



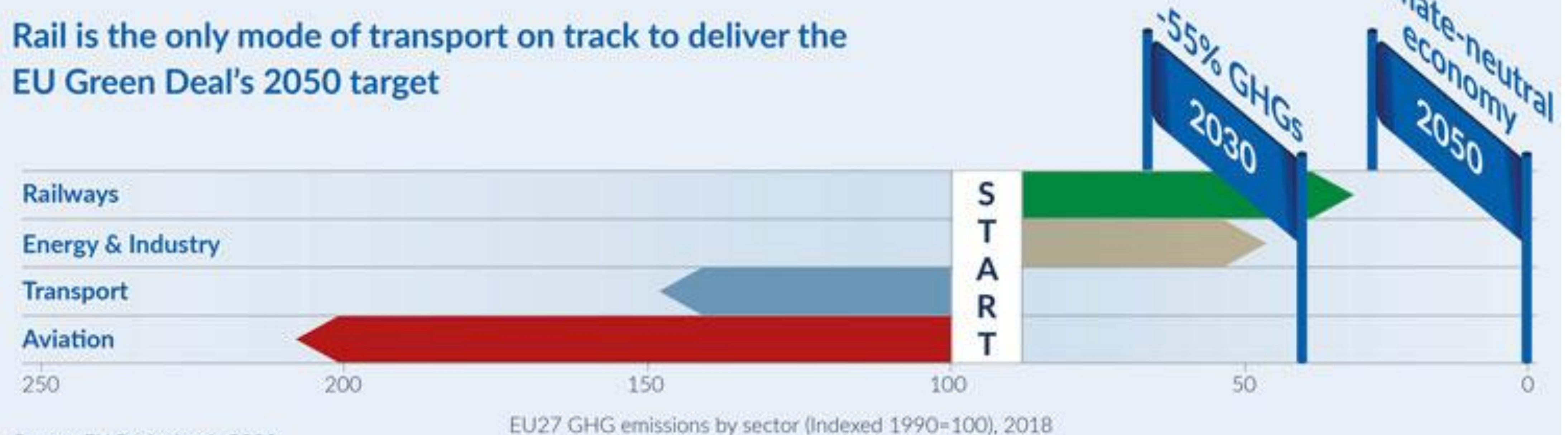
# The background and our goal

## Transport is key to achieving the EU climate targets

Transport represents 27% of the EU's greenhouse gas (GHG) emissions. The sector's emissions continue to grow while **rail's emissions have fallen 32%** in 30 years.



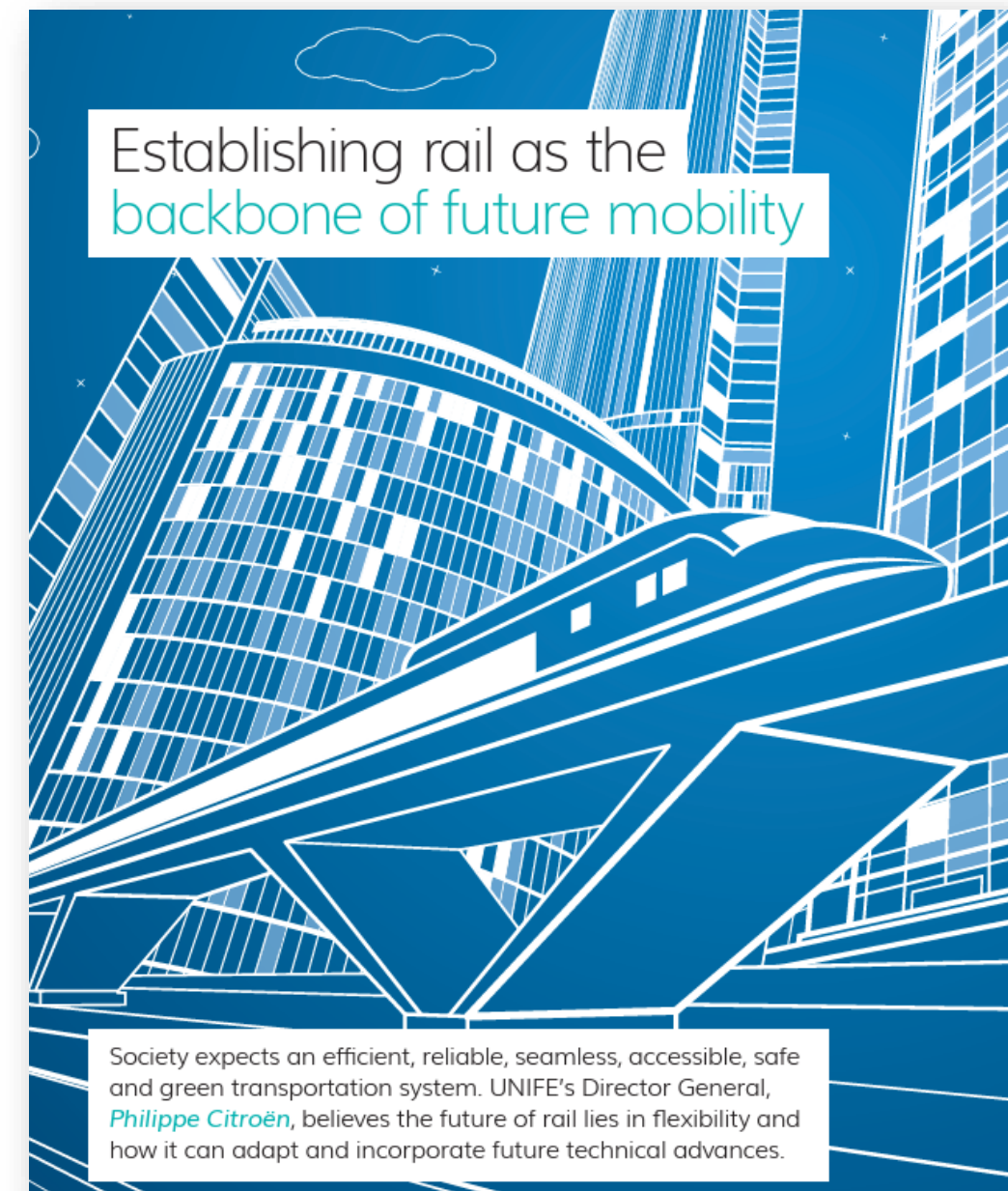
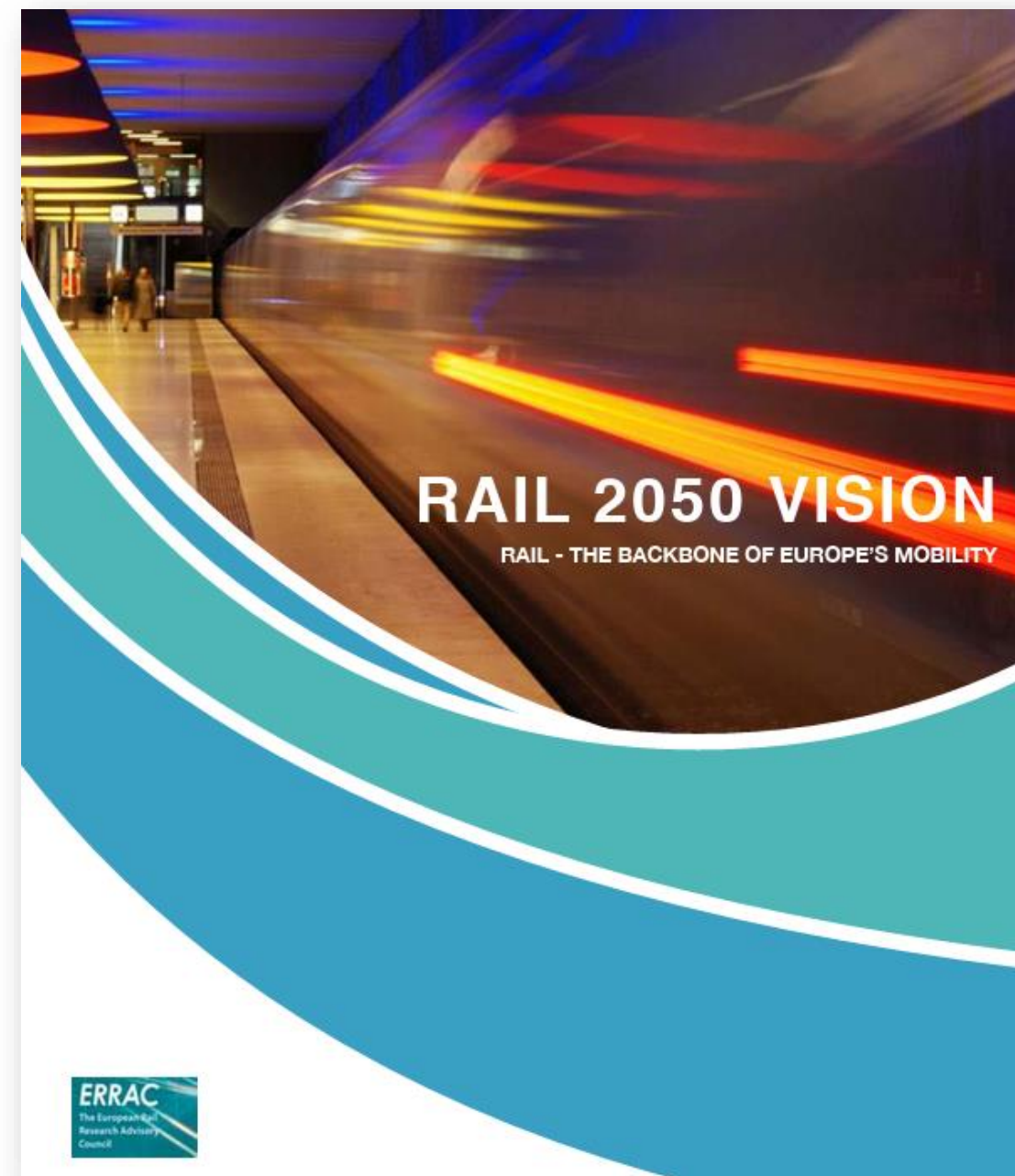
Rail is the only mode of transport on track to deliver the EU Green Deal's 2050 target



Source: EU Pocketbook, 2020



# Rail as backbone of mobility



## TRAINS: THE BACKBONE OF MOBILITY

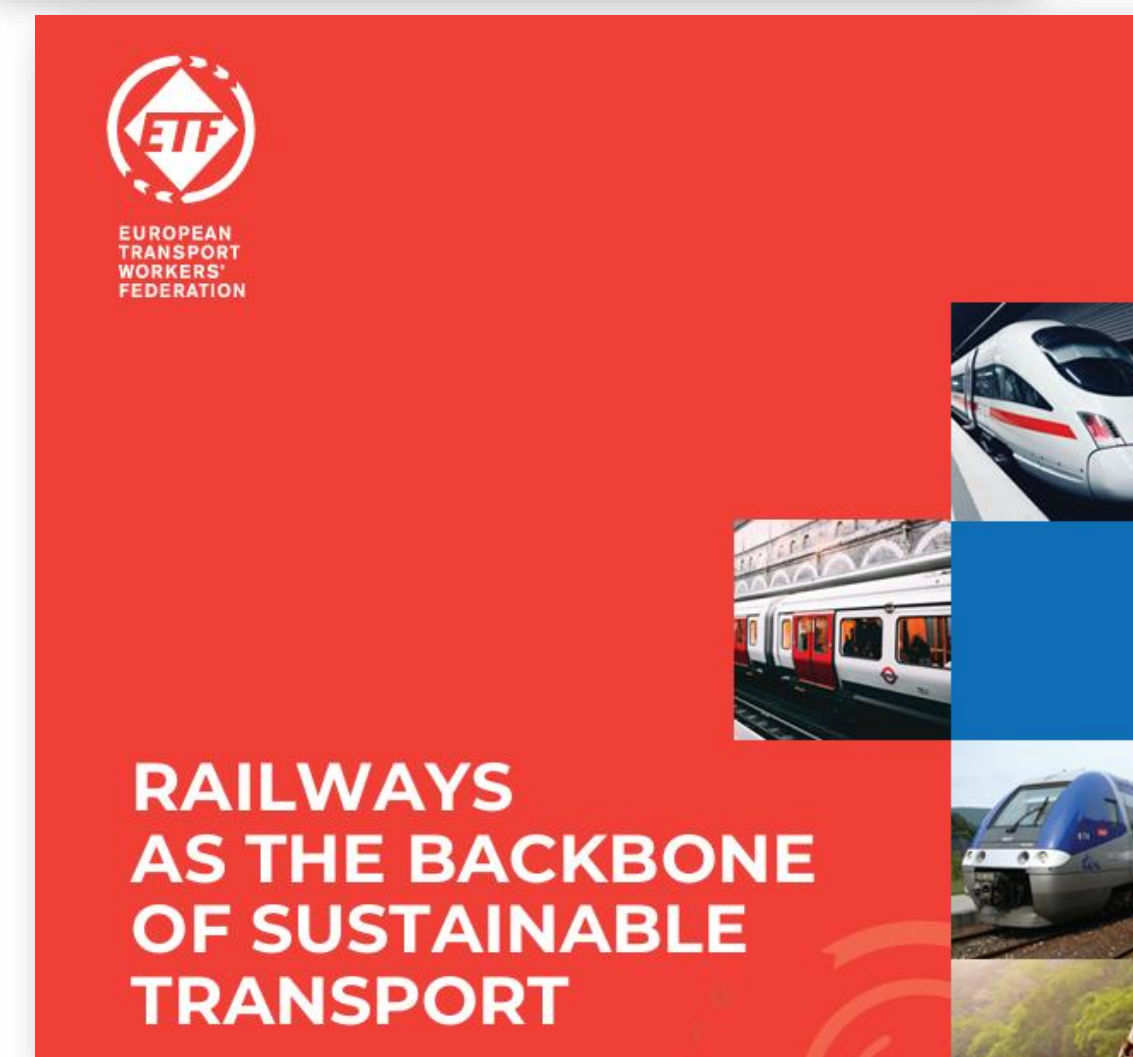
**Carlo Borghini**  
Executive Director  
Shift2Rail Joint Undertaking

2021, the European Year of Rail, acquires a particular meaning taking place in the middle of a pandemic, when restrictions to mobility are imposed around Europe. When the idea started taking shape, all hopes of a faster return to normality were up.

2021 is really the occasion to celebrate rail: during the past months and year, in an unprecedented situation, rail has demonstrated what it means

R&I activities and many more were successfully performed around Europe by multiple companies.

The European Year of Rail is the opportunity to show to policy makers, decision makers but also commuters, tourists, and millennials how rail is ready to engage with them to leverage its unique strengths to match their needs: safety and security of operations, low environmental impact of the



**Press release**

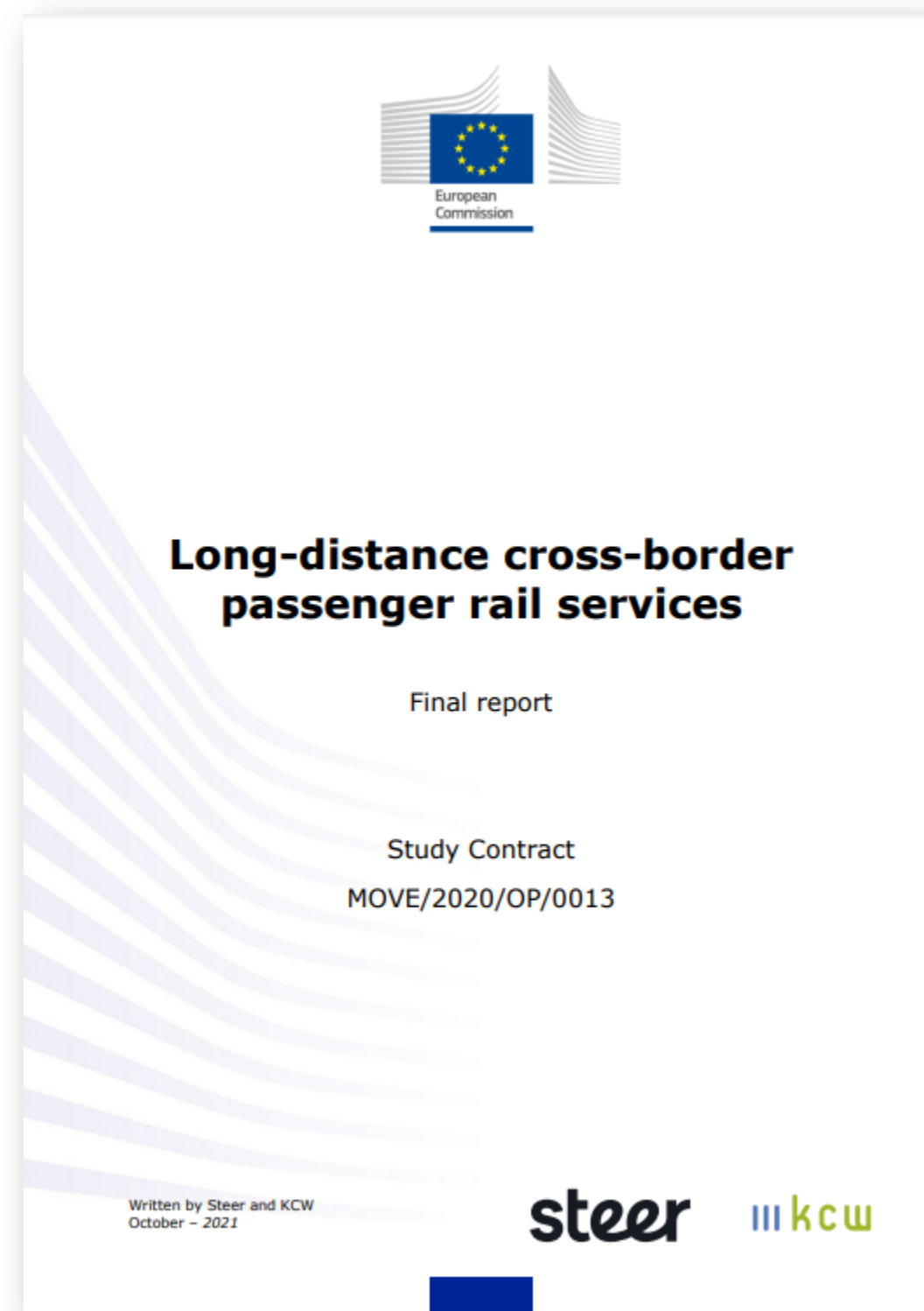
Brussels, 30 September 2021

## Railways are the backbone of sustainable mobility & key to delivering EU climate objectives

The European Commission is holding a conference today entitled "*Building up a network of European long-distance rail services*", on the occasion of the arrival of the [Connecting Europe Express](#) in Berlin. Speaking at the event, Dr Alberto Mazzola, Executive Director of the Community of European Railway and Infrastructure Companies (CER), will stress that the long-term vision of the railway sector is the creation of a seamless European high-speed network, linking European capitals and major cities, supporting the development of an international passenger service market in order to deliver the EU's climate objectives.



# Long-distance cross-border passenger rail services MOVE/2020/OP/0013 study published in October 2023



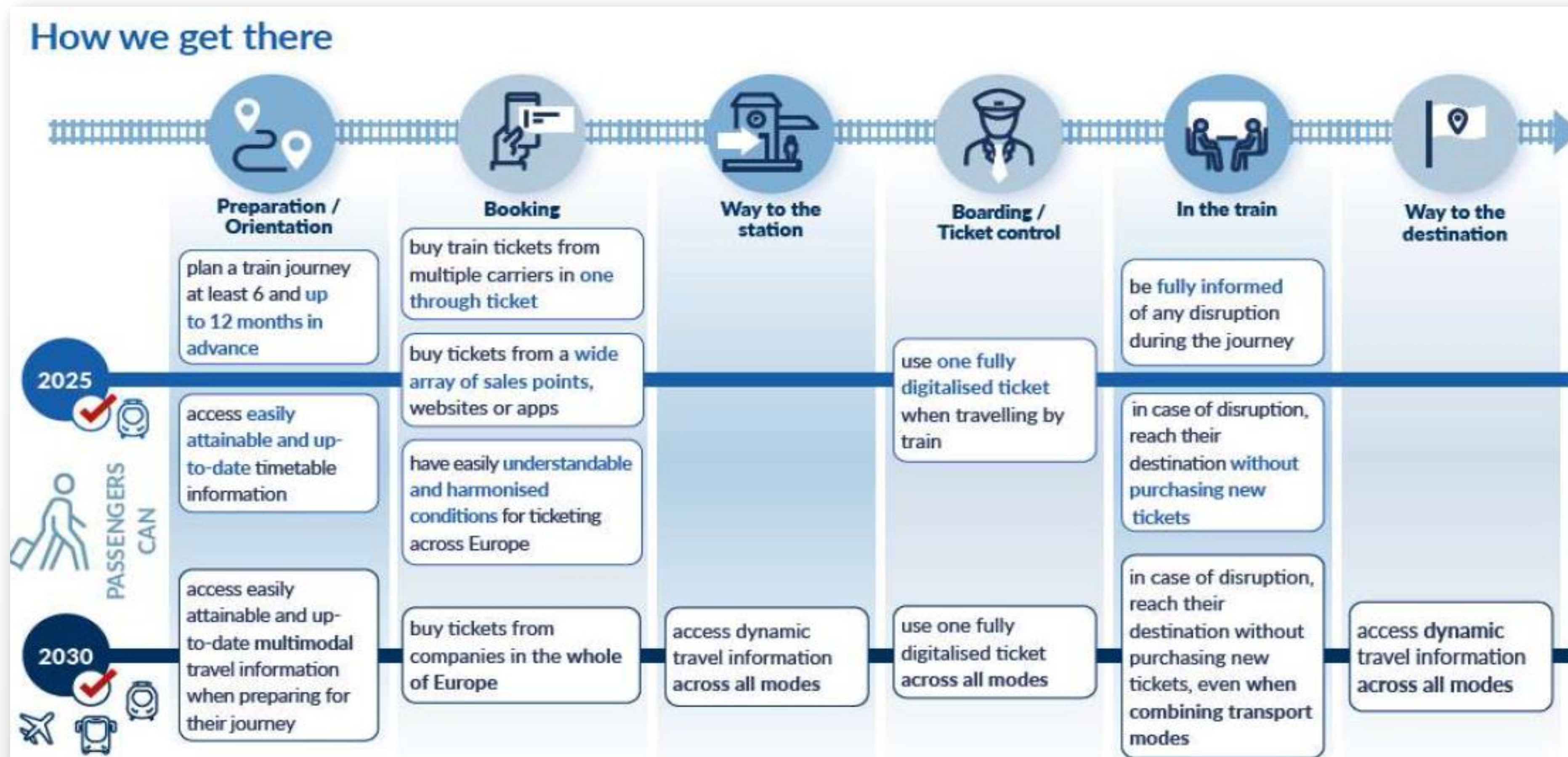
*“The obstacles we identified can be categorised as: infrastructure charges; infrastructure capacity and capacity allocation; rolling stock; **ticketing and rights for connecting passengers**; creating cross-border PSOs; and other technical and operational barriers”*

		STOCK				
Ticketing and rights for connecting passengers	TP1	Encourage access to sell railway undertakings' tickets on fair, reasonable and non-discriminatory (FRAND) principles, including through Open Sales and Distribution Model (OSDM)		●		
	TP2	Define and publish minimum connecting times within and between stations	●			
	TP3	Offer passengers the option to request longer connecting times	●		●	
	TP4	Use, refine or extend the Agreement on Journey Continuation (AJC) to ensure that industry assists and re-routes passengers as much as possible	●		●	
	TP5	Record and publish delays and their attribution to causes and parties	●			
	TP6	Link the rationale of Regulation (EU) 2021/782 on rail passenger rights to ensure journey connection, easy booking and lower prices and promotions resulting therefrom			●	
	TP7	Reform the regulatory framework for passenger rights for all modes			●	●

Conclusions of the study ⇒ goals of the EU Railways Ticketing Roadmap



# The Ticketing Roadmap (2025 and 2030 framework) at one glance



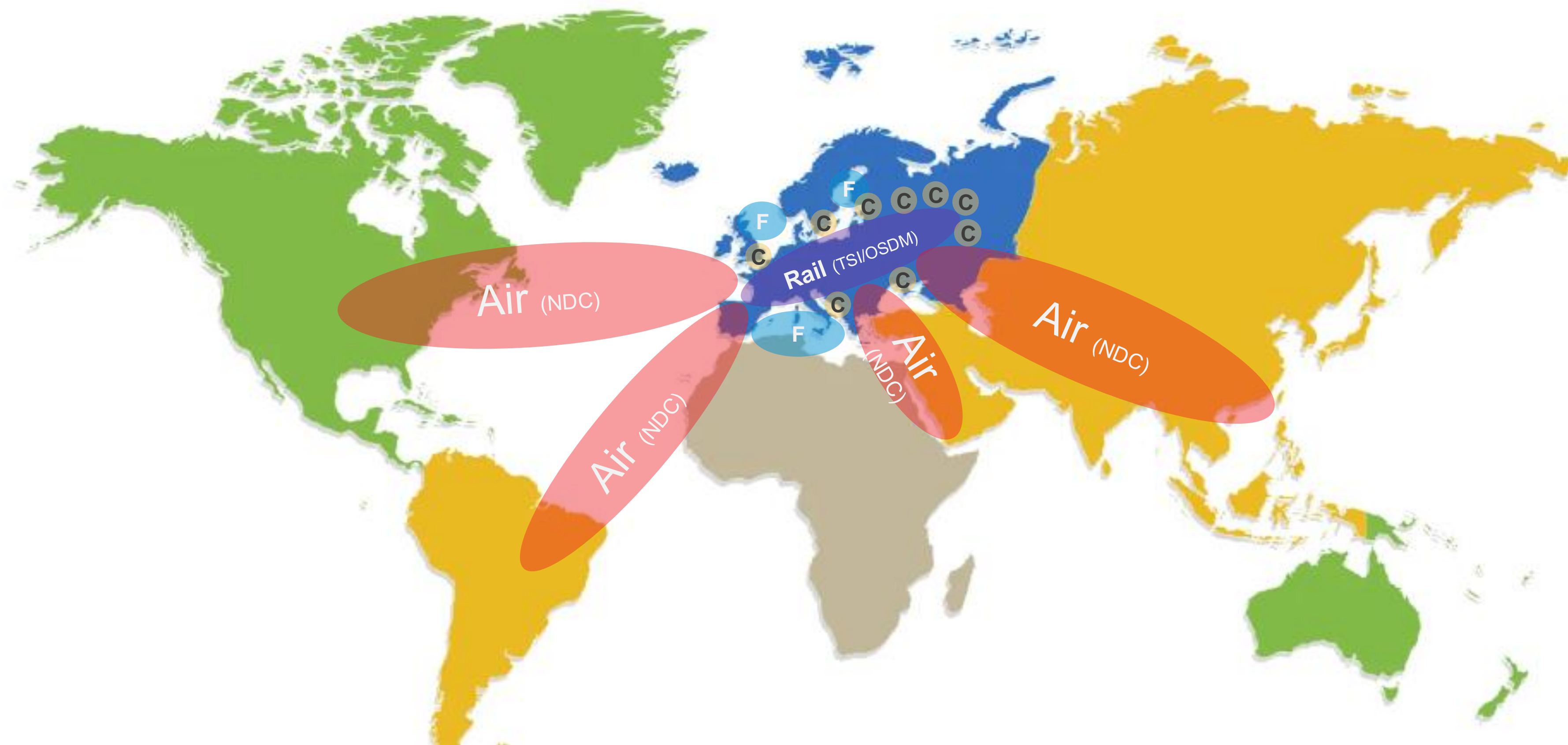
From Rail

...

To multimodal journey!



# Multimodality: seamless and global experience for Passengers



*To global!*

A

**Air - NDC**

F

**Ships & Ferry – IMO / HIO**

R

**Rail – TAP/TSI & OSDM**

C

**Commuters & Urban –  
Transmodel / NeTEx / SIRI**

*From local...*



# Rail & land public transportation: the UITP / CER statement 2022

Fact Sheet

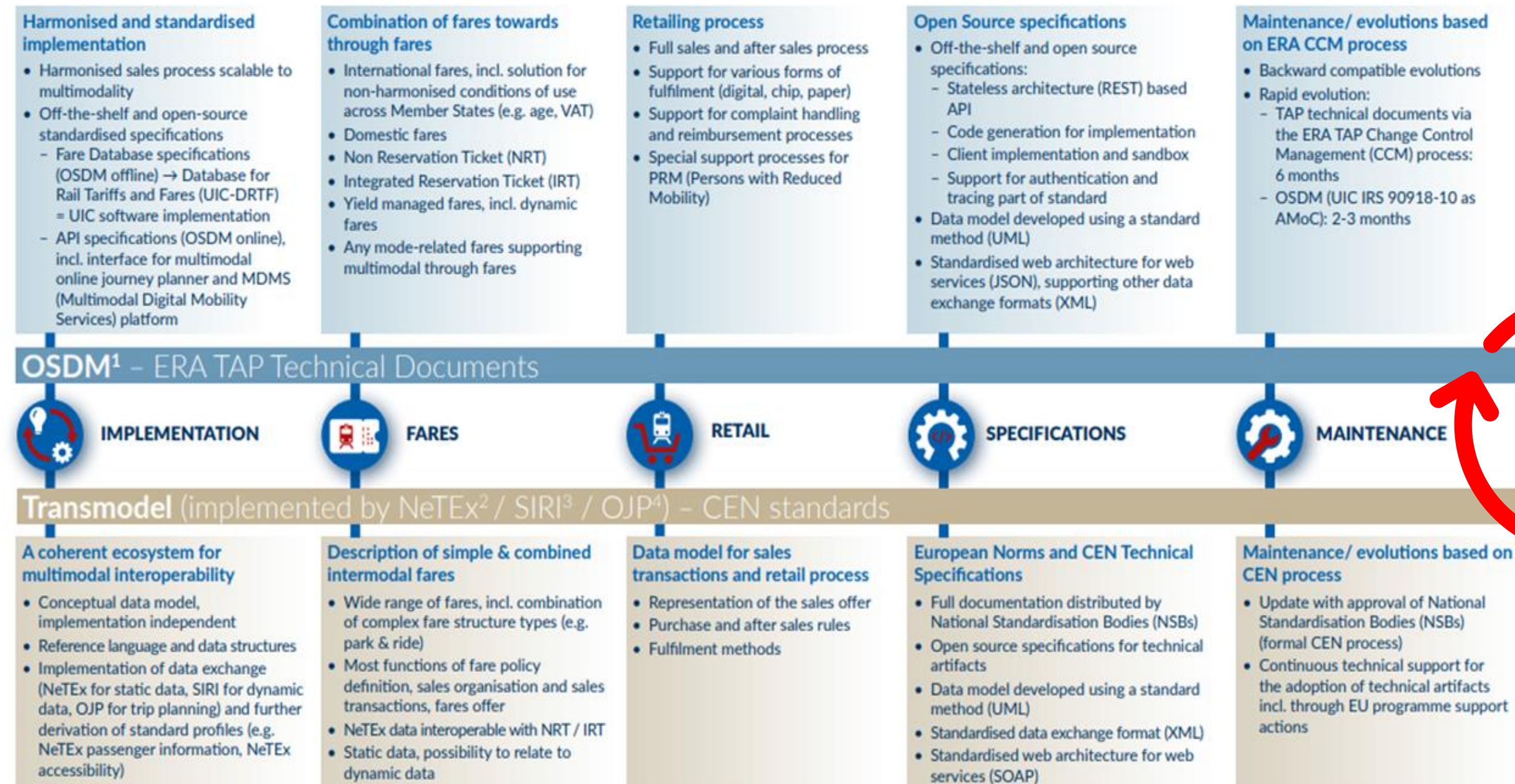
## OSDM<sup>1</sup> & Transmodel: two complementary solutions for multimodal passenger services



CER and UITP jointly support leaving the choice to stakeholders to use either:

- **Transmodel** (NeTex<sup>2</sup> / SIRI<sup>3</sup> / OJP<sup>4</sup>) as a harmonised reference for public transport stakeholders, or
- **OSDM** – the Open Sales and Distribution Model – as an interoperable standardised sector solution for regional, long distance rail and multimodal operators and ticket vendors part of the Single European Railway Area (SERA).

Compare the two models below and read more in our joint statement [‘Data models and standards for multimodal passenger services’](#)



*Aligned with European regulatory framework*

*Leaving the choice to stakeholders to use appropriate model(s)*

**The goal: interoperability of the solutions**



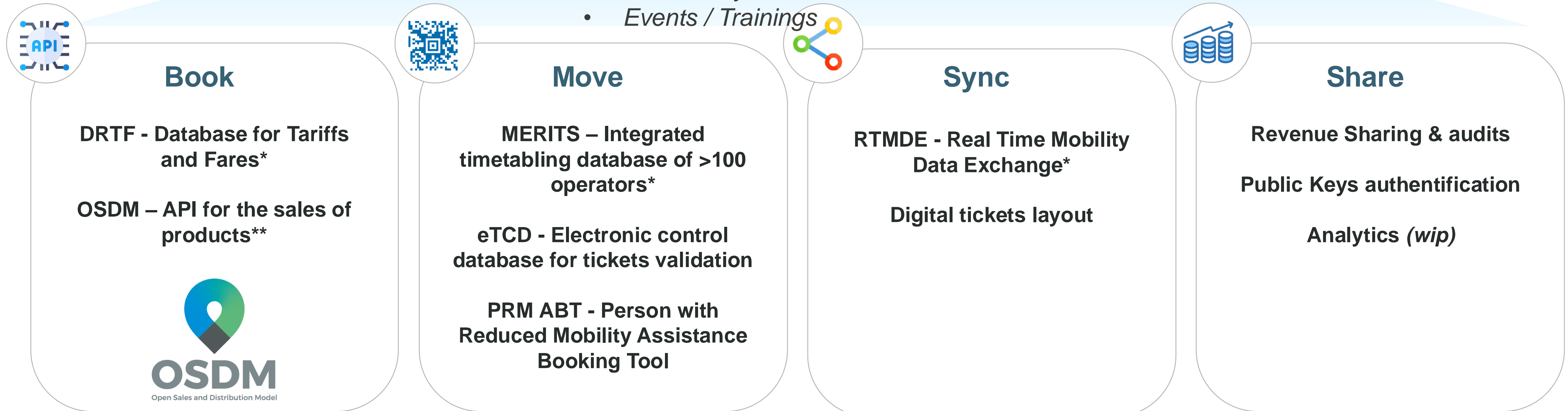
# UIC provides worldwide multimodal solutions, already implemented, to operators, authorities, distributors, IT providers, ticket vendors, ...



96,5% of Passenger traffic by rail covered  
22 EU countries MS + partners (UK, Norway...)

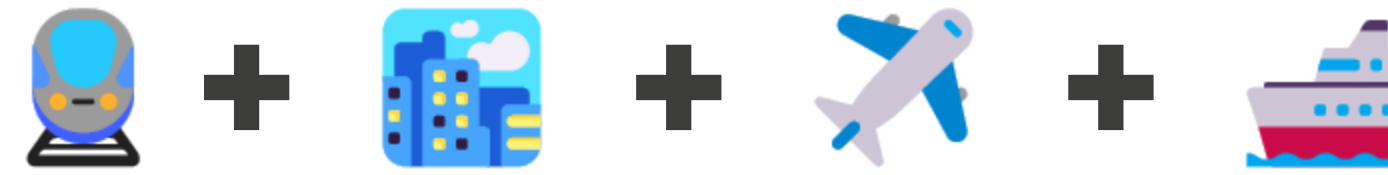
Supported by a community of experts

- >15 technical groups, like Multimodality
- Some open to 3rd parties
- Community of users
- Events / Trainings





# To sum up



**Rail is the backbone of multimodal mobility**

**Multimodal integration means eliminating technical and operational barriers**

**We need seamless; customer-friendly; affordable; compatible** to not increase distribution costs; **Flexible**, to address all markets and use-cases and facilitate competition; **Evolutive**, using modern technologies (API).

**UIC community already use opened Multimodal distribution & ticketing systems**

**UIC is engaged to be interoperable with standards like Transmodel or GTFS, aiming to tackle issues (profiles, ...)**





INTERNATIONAL UNION  
OF RAILWAYS

# Thank you for your attention



## CONTACT

**Bertrand MINARY**

*Passenger Director – Coordinator of Middle  
East and Latin America region*

Tel +33 (0)6 07 37 45 59  
minary@uic.org

Stay in touch with UIC:    YouTube [#UICrail](#)

[\*\*shop.uic.org\*\*](https://shop.uic.org)



WATCH NOW



[\*\*uic.org\*\*](https://uic.org)

