



**Taking Ambitious  
Climate Action  
Decarbonizing Inland  
Transport by 2050**

# **Trans-European Railway TER**

Activities in enhancing accessibility  
and efficiency in rail passenger transport

The Danube Region Transport Days 2024



**UNECE**

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3<sup>rd</sup> December 2024, Ljubljana

# Trans-European Railway

## Members

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Armenia



Croatia



Serbia



Austria



Czech Republic



Slovakia



Bosnia and Herzegovina



Poland



Slovenia



Bulgaria



Romania



Türkiye



### Main goals:

- integrate the TER region
- promote efficient performance of railway corridors
- facilitate improvements in the economic and environmental effects of rail projects
- advise and promote efficient and innovative railway solutions
- support railway policy- and decision-makers

# Trans-European Railway

Workshop on the Resilience of railway assets to climate change  
Kraków, 16 May 2024

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- Climate change adaptation challenges – Polish railway lines' experience
- Assessment of the degree of resilience of transport systems/assets - background
- Stress-test of rail asset to climate change hazards
- Resilience of Czech railway lines to climate change

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Workshop on the Convention on the Contract for International Carriage of Goods by Rail  
Berlin, 24 September 2024

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- history, rationale, outcome
- main principles and scope of application
- benefits and opportunities
- panel discussion

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## TER High-Speed Master Plan Study – phase 1

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### Key areas:

- historical and political background
- social, environmental, and safety aspects
- status and goals
- benefits and best practices

[https://unece.org/DAM/trans/main/ter/terdocs/TER\\_High-Speed\\_Master\\_Plan\\_Study.pdf](https://unece.org/DAM/trans/main/ter/terdocs/TER_High-Speed_Master_Plan_Study.pdf)

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## TER High-Speed Master Plan Study – phase 2

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### Key areas:

- technical and legislative aspects
- socioeconomic analysis
- conditions for the establishment of national and international networks
- financial and planning elements of HSR

[https://unece.org/sites/default/files/2021-07/2017852\\_E\\_web\\_light.pdf](https://unece.org/sites/default/files/2021-07/2017852_E_web_light.pdf)

# Trans-European Railway

## TER Backbone Network Annual Report 2023

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- operating speed, number of tracks, and electrification
- map of the TER high-speed rail lines
- axle loads, gauges, signalling and communication systems
- status of the TER Backbone Network projects
- development plans of the TER Backbone Network



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TER contribution

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- GIS tool: <https://unece.org/transport/ter/ter-gis>
- the Group of Experts on International Railway Passenger Hubs
- the Group of Experts on Assessment of Climate Change Impacts and Adaptation for Inland Transport
- the Group of Experts on Benchmarking of Transport Infrastructure Construction Costs

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future TER reports

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- TER Backbone Network Report 2025
- Study on compliance of TER infrastructure with the technical parameters of international legal agreements



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**Thank you for your attention**

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