



Benchmarking Transport Infrastructure Construction Costs WP.5/GE.4 FINAL REPORT

WP.5, 35th session Geneva, 07 September 2022



Background



- Initial mandate (WP.5, ITC, ECE Executive Committee):
 - November 2016 June 2018

Purpose:

 To support realistic cost estimates and increase predictability and transparency for creating stable infrastructure development programmes

• Scope:

- Identify models, methodologies, tools and good practices for evaluating, calculating and analysing inland transport Infrastructure costs
- Identify and list terminologies used for costing inland transport
 Infrastructure
- Collect and analyse data for benchmarking inland transport construction costs.



Contributors



- Core team
 - Inland waterways
 - Croatia
 - Railways
 - Poland (lead)
 - Cyprus
 - Finland
 - Roads:
 - Turkiye (lead)
 - Russian Federation

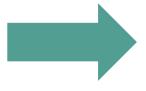
- Other ECE Members
 - Austria
 - Bulgaria
 - Czech Republic
 - Estonia
 - Germany
 - Iceland
 - Latvia
 - Lithuania
 - Republic of Moldova
 - Norway
 - Slovakia
 - Slovenia
 - Sweden

- Economic Cooperation
 Organisation and the
 Islamic Development
 Bank provided data from:
 - Azerbaijan
 - Kazakhstan
 - Tajikistan
 - Turkmenistan

Challenges and mandate extensions



- The quantity and quality of road and railway data
- Delays in data collection for intermodal terminal, inland waterways and ports



- ITC at its eighty-first session (Feb 2019) extended the mandate of GE.4 for an additional 2 years until June 2020
- ITC at its eighty-third session (Feb 2021)
 extended the mandate for an additional 1
 year until 2022



Achievements



- Benchmarking literature review with definitions, concepts and methodologies
- National approaches in benchmarking of road, rail and inland waterways infrastructure construction costs
- Glossary on construction costs
- Benchmarking analysis of road transport infrastructure construction costs in ECE region
- Benchmarking analysis of rail and inland waterway transport infrastructure construction costs
- Conclusions, recommendations and sustainability options



Findings



Road transport infrastructure: Leyla Unal (Turkyie)

Rail transport infrastructure: Małgorzata Kopczyńska (Poland)

Sustainability options



- To continue work, including maintenance costs of transport infrastructure, in the framework of Trans European Motorway Project and Trans European Railway **Project**
- To upload the analysis and data findings onto GIS database provided by the International Transport Infrastructure Observatory
- To create automated dashboards that would allow Governments, in a secured IT environment, to continue sharing transport infrastructure costs





Thank you for your attention

