

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

