



# Benchmarking Transport Infrastructure Construction Costs - WP.5/GE.4 – Final Report

*WP.5, 33<sup>rd</sup> session*  
*Geneva, 7 -9 September 2020*  
*Agenda item 4 (b)*



# Mandate

**Initial mandate for 2 years: October 2016 – June 2018**

**ITC at its Eighty-First session (February 2019) extended the mandate of GE.4 for an additional 2 years until June 2020**

GE.4 Final Report should:

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



# Modalities

- **Participating member States:** Austria, Croatia, Cyprus, Czechia, Finland, Germany, Latvia, Lithuania, Norway, Poland, Russian Federation, Slovakia, Sweden and Turkey
- **Partner organizations:** i.e. International Union of Railways (UIC) and International Road Federation (IRF), TEM & TER projects and EU networks of road and rail infrastructure operators
- **10 GE.4 sessions held between October 2016 and January 2020**  
[11<sup>th</sup> session planned for May 2020 held 'virtually' due to COVID-19 restrictions]



# Achievements

- **Phase I: Development of specific questionnaires for data collection** (covering all inland modes including road, rail, inland waterways/ ports and intermodal terminals) – **Informal Document No. 2**
- **Phase II: Development of a consolidated list of terminologies** (covering all inland modes including road, rail, inland waterways/ ports and intermodal terminals) - **[ECE/TRANS/WP.5/GE.4/2019/1/Rev.2](#)**
- **Phase III: Data collection** – dissemination of questionnaires for collection of data and national best practices through WP.5, SC.1, SC.2, SC.3/WP.3 and WP.24



# Achievements (2)

## ▪ Phase IV: Analysis of responses to questionnaires/ data received

Working document 6 – Literature Review - ECE/TRANS/WP.5/2020/6

Working document 7 – National good practices - ECE/TRANS/WP.5/2020/7

Working document 8 – Benchmarking analysis - ECE/TRANS/WP.5/2020/8

- **Turkey**, benchmarking literature review, road transport terminology and analysis of data for the road sector
- **Poland**, rail transport terminology and analysis of rail transport data
- **Russian Federation**, inputs to road transport analysis and compilation of national benchmarking approaches and methodologies
- All other **GE.4 members** contributed to proofreading and provision of national case studies and benchmarking data

Full report/ all working documents, available here: <https://www.unece.org/trans/main/wp5/wp52020.html>



# Challenges

- The **quantity** and **quality** of data received and analyzed by GE.4 (sometimes sparse and scattered, misrepresentations or omissions, difficulties in normalization of data)
- Delays in data collection for **intermodal terminals, inland waterways** and **ports** and in collection of national good practices (partial data sets and late submissions are included in **Informal Document No. 4**)



# Way ahead

- Given that the **available benchmarking analysis**, mostly focused on road and rail sectors (**working document No 8/ ECE/TRANS/WP.5/2020/8**) proves to be of great value added, GE.4 would like to propose an extension of its mandate with 1 (one) year to continue and revamp its data collection efforts across all modes
- This extension would enable GE.4 to collect **more and better quality data** from a **larger group of countries** on their transport infrastructure construction costs **across all inland modes**
- This would result in a **more data rich final report** by the 34<sup>th</sup> Session of WP.5 in September 2021



Thank you for your attention

