



# Report of the Group of Experts on Benchmarking Transport Infrastructure Construction Costs

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**UNECE**

## Questionnaire on transport infrastructure costs of intermodal terminals

### Feed-back from Czechia:

- Railway dimension missing: e.g. railway track (rails, sleepers, fastenings), switches, track substructure, level crossing, signalling and control systems etc.
- Clarification on unit costs
- Some terminology needs to be explained/ re-defined
- Explanation of abbreviations
- Specification of target audience of the questionnaire

# Agenda item 4 – Data normalisation methodology



## Use of existing statistical UN tools and methodologies

### STEP 1 - Marketprice exchange rates:

[https://w3.unece.org/PXWeb2015/pxweb/en/STAT/STAT\\_20-ME\\_6-MEER/30\\_en\\_MECCEXchPPPsNEWY\\_r.px/](https://w3.unece.org/PXWeb2015/pxweb/en/STAT/STAT_20-ME_6-MEER/30_en_MECCEXchPPPsNEWY_r.px/)

### STEP 2 – Use of GDP deflators:

<https://unstats.un.org/unsd/amaapi/api/file/15>

**Socio-economic data to be provided by UNECE statistics!**

# Agenda item 5 – Structure of the final report



**CHAPTER 1** – Introduction - setting the scene: Mandate of the Group; Purpose of the report, its strengths and weaknesses, data collection challenges (**Secretariat**)

**CHAPTER 2** – Benchmarking of transport infrastructure construction costs, why does it matter?

- (a) Literature review: definitions, concepts and methodologies (?)
- (b) Overview of international and national experience and practices (**Informal document no. 1**)
- (c) Overview of models and methodologies (?)

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## CHAPTER 3 – Glossary on construction costs

- (a) Introduction, challenges and concerns (?)
- (b) Road (sub-divided by construction, maintenance and operations)
- (c) Rail (sub-divided by construction, maintenance and operations)
- (d) Inland waterways, inter-modal terminals, ports (sub-divided by construction, maintenance and operations)

## CHAPTER 4 – Benchmarking transport infrastructure costs

- (a) Review of methodology - questionnaires (in annexes), explain the normalization approach etc. **(Secretariat + GE.4)**
- (b) Benchmarking database, by mode (?)
- (c) Analysis (heat maps, charts, etc.) (?)
- (d) Benefits of benchmarking data in GIS format **(Secretariat)**

# Agenda item 5 – Structure of the final report



## CHAPTER 5 – Conclusions and recommendations (GE.4)

**Annexes** (questionnaires), list of acronyms, reference list, list of tables, charts and figures etc.

**Need for:** illustrations, pictures, figures to be provided by the Group in advance!

# Agenda item 5 – Proposed division of tasks

CHAPTERS	LEAD	SUPPORT
Chapter 1	Secretariat	GE.4
Chapter 2	Turkey, Russian Federation	Finland, GE.4
Chapter 3	Cyprus	GE.4
Chapter 4	Poland, Turkey	Cyprus, Finland, UIC, IRF
Chapter 5	Poland, Turkey Cyprus	Russian Federation, GE.4

# Time line 2020

Feb/Mar 2020



Drafting process

Apr/May 2020



Assessment of data

May/ June



**29 June 2020**



REPORT READY

Regional  
Promotion



WP.5 September



# Agenda item 5 – Immediate next steps/ by mid-February

1. Produce questionnaire check-lists/ reach out to survey respondents, seek clarification (**Turkey, Poland, Secretariat**)
2. Finalise IWW/ ports and inter-modal terminals questionnaires and submit through WP.3 and WP.24 (**Poland, Secretariat**)
3. Raise awareness about GE.4 achievements at the ITC, end of February, with the purpose to sensitise Governments and gather additional data (i.e. Germany, France, etc.) (Secretariat, GE.4)

# **Agenda item 5 – Immediate next steps/ by end of February**

4. Finland: provide road data, provide written inputs on Finnish practice and approaches

5. Poland: provide road data, provide TEM data

6. Russian Federation: provide rail data/ inputs

7. ....

8. ....