Benchmarking Study for Transport Infrastructure Construction Costs

WP.5/GE.4 (10th session)
Group of Experts on Benchmarking Transport Infrastructure Construction Costs
Geneva, 30/01/2020

By, Amer Zafar Durrani
President
The Objectives and Targets of the Assignment

**Country Engagement**
Coordination with Economic Cooperation Organization to engage national focal points/consultants for Governments involved in the project.

**Regional Workshop**
a final workshop in Istanbul to present the data and final findings.

**Benchmarking Study**
for transport infrastructure construction costs of road, rail, inland waterways, ports, logistics centres/intermodal terminals.
Key Transport Infrastructure Targeted for Benchmarking Costs:

- Road
- Railways
- Inland Waterways
- Intermodal Terminals
- Ports
Participation by the Economic Cooperation Organization Member Countries — From Albania to Pakistan
The Project Deliverables—Reporting Best Practices, Terminologies and Good Practices for Benchmarking the Infrastructure Construction Costs
Questionnaires designed to cater data aspects of methodologies & good practices along with terminologies & construction costs

Questionnaires circulated to the National Focal Points by the ECO Secretariat. Awaiting Responses.
Questionnaire on Benchmarking Rail Transport
Infrastructure Construction Costs

Preparatory Work
Earthwork
Track and Track Bed
Turnouts
Sleepers
Tunnels
Bridges
Passenger Information Systems
Marshalling Yards
....

New Construction
Upgrade
Renewal

Rail Infrastructure Projects
Questionnaire on Benchmarking Inland Transport Structures (Ports) Construction Costs

Hydrotechnical Infrastructure
- Quay
- Road Infrastructure
- Rail Infrastructure
- Sewage Infrastructure
- Terminals
- Fire Safety
- Conveyor
- Cold Storage

New Construction

Upgrade

Renewal

Social and Economic Indicators
- GNP
- Annual Investment Budget
- Population
- Annual Investment by PPP
- Surface Area
- Design Cost as construction cost
- Density
- ....
Questionnaire on Benchmarking **Intermodal Transport Structures** Construction Costs

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<thead>
<tr>
<th>Land Adaptation</th>
<th>Pavements</th>
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<tr>
<td>Internal Roads</td>
<td>Truck Park</td>
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<td>Roads Installation</td>
<td>Portable Water Supply</td>
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<td>Rain Drainage</td>
<td>Conduits</td>
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<td>Cables</td>
<td>Container Freight Station (Cfs)</td>
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<tr>
<td>Intermodal Terminal</td>
<td>Power Supply</td>
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<tr>
<td>Rain Drainage</td>
<td>...</td>
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Construction Costs
Questionnaire on Benchmarking *Inland Waterways Construction Costs*

**Construction Costs**
- Land Expropriation
- Mobilization
- Engineering Works
- Canal Excavation
- Auxiliary Structures
- Stream Connections
- Canal Operation
- ...

**Social and Economic Indicators**

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QUESTIONS?

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