WP.5 activities of interests to SC.1
Focus

1. Outcomes of the Group of Experts on Climate Change Impacts and Adaptation for Transport Networks and Nodes

2. Operationalization of Euro-Asian Transport Links

3. Ongoing work of the Group of Experts on Benchmarking Transport Infrastructure Construction Costs

4. United Nations Development Account’s project on developing a set of Sustainable Inland Transport Connectivity Indicators (SITCIN)
Outcomes of the Group of Experts on Climate Change Impacts and Adaptation for Transport Networks and Nodes
Outcomes of the Group of Experts on Climate Change Impacts and Adaptation for Transport Networks and Nodes
Outcomes of the Group of Experts on Climate Change Impacts and Adaptation for Transport Networks and Nodes

Some of the lessons learned:
- Data limitations
  - on transport infrastructure (geo-coded) and on usage data (traffic volumes, freight processed)
- First step analysis as a good basis – exposure identified
- First step analysis insufficient / complementary analysis needed (natural and anthropogenic factors, characteristics of specific asset, downscaling of projections, impact modelling....)
Outcomes of the Group of Experts on Climate Change Impacts and Adaptation for Transport Networks and Nodes

Some of the recommendations:

- Improve availability of geo-coded networks and nodes data (call to WPs managing the infrastructure agreements)
- Geo-code networks and nodes data and present them in GIS
- Share data on use (census by WP.6)

- Implement national projects (with assistance where necessary) to better understand vulnerability to climate change of transport systems
Outcomes of the Group of Experts on Climate Change Impacts and Adaptation for Transport Networks and Nodes

Requested follow-up

- Geo-code AGR network (CPs to send to UNECE shapefiles for their E-roads)
- Support WP.6 in the collection of the traffic data

Based on OpenStreetMap from Geofabrik and filtered by UNECE
Operationalization of Euro-Asian Transport Links

Mandate: WP.5 to continue its work on the operationalization of Euro-Asian Transport Corridors and other transport corridors

Operationalization – infrastructure connections and interoperability standards, efficient corridor management, harmonization and simplification of border-crossing formalities and administrative formalities, application of new technologies and digitalization
Operationalization of Euro-Asian Transport Links

SC.1 involvement through AGR and its work on road transport

Operationalization – infrastructure connections and interoperability standards, efficient corridor management, harmonization and simplification of border-crossing formalities and administrative formalities, application of new technologies and digitalization
Operationalization of Euro-Asian Transport Links

What do we know? (source EATL phase III project)

Links need to:
- be competitive
- meet the requirements of modern supply chains

Physical and non-physical gaps are obstacles to meeting the objectives
Requested follow-up
Provide ideas on how to enhance operationalization of Euro-Asian Transport links

Operationalization – infrastructure connections and interoperability standards, efficient corridor management, harmonization and simplification of border-crossing formalities and administrative formalities, application of new technologies and digitalization
Ongoing work of the Group of Experts on Benchmarking Transport Infrastructure Construction Costs

Mandate
ITC at its eighty-first session (February 2019) extended mandate of GE.4 until June 2020

GE.6 Final Report should:

▪ 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
Ongoing work of the Group of Experts on Benchmarking Transport Infrastructure Construction Costs

Request for assistance to:

- Identify models, methodologies, tools and good practices for evaluating, calculating and analysing road construction costs
- Collect and analyse data for benchmarking road construction costs

Please support completion of the road questionnaire
UNDA project on developing Sustainable Inland Transport Connectivity Indicators (SITCIN)

**Beneficiaries:** Georgia, Kazakhstan, Serbia, Jordan and Paraguay / **Time frame:** Oct 2018 – Dec 2020

**Different project stages:**

I. Develop the initial set of Sustainable Inland Transport Indicators (SITCIN)

II. Fact-finding missions to review national transport and logistics situation, resulting in five «national connectivity reports»

III. National policy dialogue meetings to validate the reports

IV. Tailor-made national capacity building programmes

V. Concluding inter-regional forum (sustainability of the SITCIN)
UNDA project on developing Sustainable Inland Transport Connectivity Indicators (SITCIN)

- **PILLAR I**
  - **ECONOMIC SUSTAINABILITY**
  - Key target: Enhancing efficient movement

- **PILLAR II**
  - **SOCIAL SUSTAINABILITY**
  - Key target: Enhancing safety and security

- **PILLAR III**
  - **ENVIRONMENTAL SUSTAINABILITY**
  - Key target: Creating environmentally sustainable transport system

**Transport Modalities:**
- **ROAD TRANSPORT**
- **RAIL TRANSPORT**
- **INLAND WATERWAYS**
- **INTER-MODALITY**
### UNDA project on developing Sustainable Inland Transport Connectivity Indicators (SITCIN)

<table>
<thead>
<tr>
<th>Mode</th>
<th>Pillar</th>
<th>Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROAD</td>
<td>Economic</td>
<td>Efficiency, Cost, Infrastructure, Operations, Intermodality/combined transport, ICT and ITS Solutions</td>
</tr>
<tr>
<td></td>
<td>Social</td>
<td>Road traffic rules/behavior, Road traffic infrastructure, Vehicle regulations, Perishable foodstuffs transport, Dangerous goods transport (administrative), Dangerous goods transport (infrastructure)</td>
</tr>
<tr>
<td></td>
<td>Environmental</td>
<td>Fleet, Emission</td>
</tr>
</tbody>
</table>
Thank you for your attention