



Sustainable Inland Transport Connectivity Indicators Project

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UNECE

Sustainable Transport Connectivity

«Implementation of transport related Sustainable Development Goals in selected landlocked and transit/ bridging countries»

- **Time-frame:** September 2018 – December 2020
- **Beneficiaries:** Georgia, Kazakhstan, Serbia, Paraguay & Jordan
- **Implementing partners:** UNECE and ECLAC & ESCWA (UN regional commissions for Europe, Latin America & the Caribbean and Western Asia respectively)

Project phases



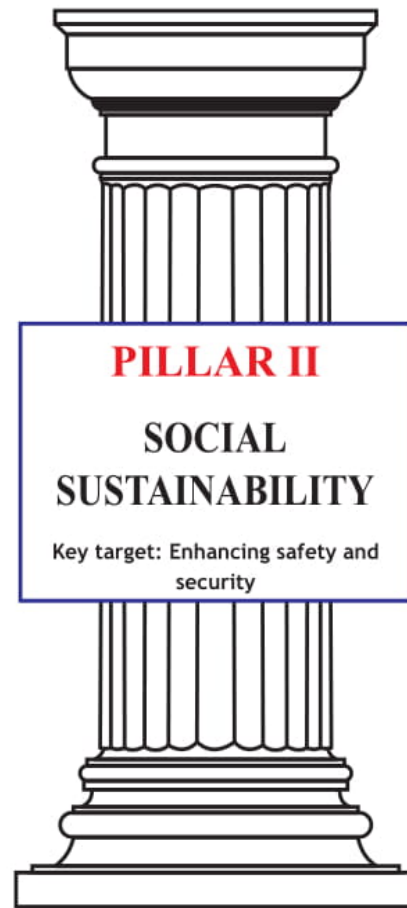
- I. Develop the initial set of Sustainable Inland Transport Indicators (SITCIN)**
- II. Fact-finding missions to review national transport and logistics situation, resulting in five «national connectivity reports»**
- III. National policy dialogue meetings to validate the reports**
- IV. Tailor-made national capacity building programmes**
- V. Concluding inter-regional forum (sustainability of the SITCIN)**

Sustainable Inland Transport Connectivity Indicators

Specifics:

- **Measurable/ quantifiable & qualifiable**
- **Build on and incorporate existing indexes**, e.g. the World Bank Doing Business Indicators, the Logistics Performance Index, the ESCAP Time-Distance Methodology, World Bank Sustainable Mobility for all etc.
- Assess efficiency of both **soft** (e.g. regulatory framework) and **hard** (e.g. infrastructure) related aspects of the respective inland transport systems
- **Connectivity bilaterally/sub-regionally**
- **Holistic scope** – incl. multi-modal transport and logistics systems, border crossing facilitation, transit, customs
- Provide basis for informed & **evidence based policy-making**

Sustainable Inland Transport Connectivity Indicators



**ROAD
TRANSPORT**

**RAIL
TRANSPORT**

**INLAND
WATERWAYS**

**INTER-
MODALITY**

Sustainable Inland Transport Connectivity Indicators – E.g. ROAD

Mode	Pillar	Indicator
ROAD	Economic	Efficiency
		Cost
		Infrastructure
		Operations
		Intermodality/combined transport
		ICT and ITS Solutions
	Social	Road traffic rules/behavior
		Road traffic infrastructure
		Vehicle regulations
		Perishable foodstuffs transport
		Dangerous goods transport (administrative)
		Dangerous goods transport (infrastructure)
	Environmental	Fleet
Emission		

SCORE CARD RATING - Measuring degree of compliance with international legal instruments

E.g. border crossing efficiency

- ✓ **TIR Convention**
- ✓ **Harmonization Convention**
- ✓ **In total: 16 UNECE conventions related to border crossings**



- ✓ Staff resources
- ✓ Availability of joint control facilities
- ✓ BCP infrastructure/ off-lane control areas
- ✓ Inland clearance and control procedures
- ✓ Coordination and delegation of controls among border agencies/ domestically, bilaterally
- ✓ Data exchange mechanisms
- ✓ Traffic separation for vehicles under cover of customs transit
- ✓ Average border clearance time
- ✓ Etc.

Sustainable Inland Transport Connectivity Indicators

Examples:

Indicator: Inland clearance and control procedures

Scoring:

- All control procedures take place at inland clearance stations: 8 points
- >4 control procedures take place at inland clearance stations: 6 points
- <4 control procedures take place at inland clearance stations: 4 points
- All control procedures take place at BCPs: 0 point
- Application of customs risk management system: + 2 points

Sustainable Inland Transport Connectivity Indicators

Indicator: Contract of carriage requirements

Scoring:

- Globally harmonized (recognition of CMR): 10 points
- Regionally or subregionally harmonized: 8 points
- Bilaterally harmonized with common full contract conditions, arrangements for legal issues and consignment note: 6 points
- No common arrangements: 0 point

E.g. transport infrastructure

- ✓ **Investments as per centage of GDP**
- ✓ **Actual construction**
- ✓ **Actual capacity (volumes, TEU, etc.)**
- ✓ **UNECE infrastructure agreements**



- ✓ Percentage of international road network
- ✓ Length of international road network per class
- ✓ Design standard and technical specifications of new international roads
- ✓ Sufficiency of service facilities
- ✓ Provision of tunnel management systems
- ✓ Provision of safety equipment for tunnels
- ✓ Etc.

Project time line 2018-2020

Q4 2018/ Q1 2019



SITCIN development

Q2 & Q3 2019



Scoping missions

Q2 & Q3 2019



Priority identification

Q3 & Q4 2019



National connectivity
plan/ policy dialogue

2020



Capacity
building

Regional
Promotion

Statistical/ data collection challenges

- Data collection at the national/ bi-national level? Availability of data/ willingness of countries to share
- Weighing of each of the (sub-)indicators? Some indicators are more relevant to a country's economic connectivity than others
- Aggregated scores?
- What to do with countries that do not have IWW or rail sector? How to make sure these countries ' connectivity score' is not affected?

Questions/ feedback

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