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Review and monitoring of emerging issues and sustainable development goals:

Technical assistance to countries with economies in transition:

Support for Landlocked Developing Countries

Sustainable Inland Transport Connectivity Indicators – Overview of pandemic resilience indicators

Submitted by the secretariat

Introduction

The present document builds further on ECE/TRANS/WP.5/2021/8 and Add.1, it contains in the Annex a set of pandemic resilience indicators developed in the framework of an ongoing United Nations Development Account project.

Annex

Additional indicators

The following indicators are developed to measure the preparedness of countries' transport system to handle pandemic and other emergencies related situations to ensure the continuation of cross border activities, facilitating evacuation, emergency services, relief supplies, and flow of goods.

4-EM-1: Pandemic Situation

4-EM-1.1: Protocols to deal with pandemic situation

Definition:

The existence of protocols to expedite movement of goods at BCPs in pandemic-created situations.

Scoring:

- Protocols are in place: 10 points
- No protocols in place: 0 point

4-EM-1.2: List of essential goods

Definition:

A list of essential goods, to be prioritized to cross borders, is included in the protocols, such as healthcare related goods and agricultural products.

Scoring:

- A list of essential goods is included in the protocols: 10 points
- A list of essential goods is not included in the protocols: 0 points

4-EM-1.3: Priority for essential goods

Definition:

Being part of the protocol, fast lanes/fast track treatment will be made available for trucks carrying essential goods, such as healthcare related goods (medical supplies and equipment for testing centers).

Scoring:

- Fast lanes/fast track treatment will be made available 24/7: 8 points
- Fast lanes/fast track treatment will be made available, but not 24/7: 4 points
- No fast lane available at BCPs: 0 points
- There is a bilateral cooperation on these issues with all adjoining countries: +2 points (if the country does not have a bilateral cooperation with one or some of the adjoining countries, the full 2 points should be reduced proportionally).

4-EM-1.4: Setting up crisis teams

Definition:

Setting up crisis teams to ensure the overall performance of customs tasks to improve the efficiency of border crossing activities.

Scoring:

- Crisis teams are in place: 10 points
- Crisis teams are not in place: 0 point

4-EM-1.5: Extending opening hours of BCP

Definition:

The possibility of extending the opening hours of BCPs to reduce border clearance time, in order to ensure the national supply of goods.

Scoring:

- Extension of opening hours is being part of emergency protocols: 10 points
- Extension of opening hours is not part of emergency protocols, as such not possible to implement: 0 point

4-EM-1.6: Temporary simplification of country of origin confirmation procedure

Definition:

Temporary simplification of the country of origin confirmation procedure applied to imported goods.

Scoring:

- Temporary simplification procedure is in place: 8 points
- Temporary simplification procedure is not in place: 0 point

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- Acceptance of electronic or paper copy of the certificate of origin : +2 points

4-EM-1.7: Import duty for healthcare related goods

Definition:

Relief from or deadline extension of import duty payment for healthcare related goods.

Scoring:

- Relief from import duty payment: 8 points
- Deadline extension of import duty payment: 4 points
- Deadline extension is not in place: 0 points
- Abolition of penalties for late duty payment: +2 points

4-EM-1.8: Temporary extension of validity of certificates

Definition:

Temporary extension of the validity of certificates, such as certificates concerning dangerous goods training, tank- and road vehicle-inspection, and boatmaster's certificates.

Scoring:

- Extension is in place: 10 points
- Extension is not in place: 0 points

4-EM-1.9: Temporary extension of validity of driving licenses

Definition:

Temporary extension of the validity of drivers' driving licenses.

Scoring:

- Extension is in place: 10 points
- Extension is not in place: 0 points

4-EM-1.10: Temporary extension of visa for seafarers

Definition:

Temporary extension of visa for seafarers who have been trapped on ships due to pandemic-created lockdown.

Scoring:

- Extension arrangements are in place: 10 points
- Extension arrangements are not in place: 0 points

4-EM-1.11: Temporary exemption from weight control

Definition:

Temporary exemption from weight control of vehicles transporting essential goods.

Scoring:

- Temporary exemption is in place: 10 points
- Temporary exemption is not in place: 0 points

4-EM-1.12: Temporary increase of the maximum daily driving limit

Definition:

The existence of a temporary regulation to increase the maximum daily driving limit in order to ensure the national supply of goods.

Scoring:

- Temporary regulation is in place: 10 points
- Temporary regulation is not in place: 0 points

4-EM-1.13: Temporary reduction of rest time requirements

Definition:

The existence of a temporary regulation to reduce the drivers rest time requirements in order to ensure the national supply of goods.

Scoring:

- Temporary regulation is in place: 10 points
- Temporary regulation is not in place: 0 points

4-EM-1.14: Communication and information point at BCPs

Definition:

The existence of a communication and information point at BCPs to assist drivers and travellers during emergency situations.

Scoring:

- Available at all BCPs: 10 points
- Available at more than 50% of BCPs: 7 points
- Available at less than 50% of BCPs: 4 points
- Not available at any BCPs: 0 point

4-EM-1.15: Provision of hygienic and sanitary facilities

Definition:

Provision of hygienic and sanitary facilities at BCPs and along international roads in order to reduce the spread of diseases.

Scoring:

- Available at all BCPs and along international roads: 8 points
- Available only at BCPs: 4 points
- Not available at any BCPs nor along international roads: 0 point
- A daily updated map showing the facilities' locations is available: +2 points

4-EM-1.16: Provision of shops selling take-away food

Definition:

Measures to ensure a sufficient number of shops selling take-away food for drivers along international roads.

Scoring:

- Measures are in place: 8 points
- Measures are not in place: 0 points
- A daily updated map showing the shops' locations is available: +2 points

4-EM-1.17: Medical examination points

Definition:

Setting up medical examination points at BCPs in order to check for the presence of a suspected disease.

Scoring:

- Available at all BCPs: 10 points
- Available at more than 50% of BCPs: 7 points
- Available at less than 50% of BCPs: 4 points
- Not available at any BCPs: 0 point

4-EM-1.18: Medical certificates for drivers and personnel

Definition:

Being part of the protocol, medical certificates for drivers and personnel are required before crossing borders.

Scoring:

- Medical certificates are required: 10 points
- Medical certificates are not required: 0 point

4-EM-1.19: Disinfection of rest and parking areas

Definition:

Being part of the protocol, rest and parking areas along international roads are regularly disinfected.

Scoring:

- Disinfection is in place at all rest and parking areas in the country: 10 points
- Disinfection is in place at more than 50% of rest and parking areas in the country: 7 points
- Disinfection is in place at less than 50% of rest and parking areas in the country: 4 points
- Disinfection is not in place: 0 point

4-EM-2: Natural Hazards

4-EM-2.1: Application of intelligent traffic management systems in emergency situations

Definition:

The use of electronic signaling along international roads to allow adaptation to unexpected natural hazards related situations, in terms of opening, closing or re-routing international road traffic.

Scoring:

- Systems are in place and being part of emergency protocols: 10 points
- Systems are not in place, but not yet part of emergency protocols: 5 point
- Systems are not in place: 0 point

4-EM-2.2: Redundancy of international road networks**Definition:**

Ratio of the number of BCPs in the country that can be reached from more than one route, to the total number of BCPs in the country. It concerns the provision of alternative routes for travellers in the event of a disruption. Redundancy is the existence of numerous optional routes/means of transport between origins and destinations that can result in less serious consequences in case of a disturbance in some part of the system.¹

Scoring:

- Ratio $\geq 75\%$: 10 points
 - $50\% \leq \text{ratio} < 75\%$: 7 points
 - $25\% \leq \text{ratio} < 50\%$: 4 points
 - ratio $< 25\%$: 0 point
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¹ Berdica, K., 2002. An introduction to road vulnerability: what has been done, is done and should be done. Transport Policy 9(2), 117-127.