Digitalization of transport documents – UNECE efforts

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Vienna Programme of Action

VIENNA PROGRAMME OF ACTION
FOR LANDLOCKED DEVELOPING COUNTRIES
FOR THE DECADE 2014–2024
Vienna Programme of Action

PRIORIT 2 – Information and communications technology infrastructure

I. Use of ICT, digitalisation & computerisation facilitates transport and trade, boosts economic cooperation and development

II. Digitalization = driver of structural change

III. Creates both opportunities (efficiency & time gains) as well as challenges (requires investments in infrastructure, skilled labour force, equipment, etc.)
Transport facilitation

Centre for Inland Transport Agreements
The TIR System is designed to ensure that customs duties and taxes during transit operations are covered by an international guarantee.

When there is a problem during transit, customs of the transit country can claim the duties against the national association.

TIR carnets can be used across all modes of transport.

Up to 100,000 euros per TIR Carnet.
TIR transit system

Increased levels of digitalisation & computerisation!

- TIR & eTIR
- TIR Database (ITDB)
- TIR EPD
- UN CMR & eCMR
**eTIR application**

- **Guarantee chain**
- **Transport operator**
- **Central customs authority**
- **Border controls**

**Successful E-TIR pilots:**

- **Iran - Turkey**
- **Georgia - Turkey**
Border crossing facilitation

And yet...

Border Crossing Facilitation Projects offer opportunity for quick gains!

Average customs clearance times for imports through facilitation (in hours)

<table>
<thead>
<tr>
<th>Country</th>
<th>Before</th>
<th>After</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Zealand</td>
<td>240</td>
<td>0.2</td>
</tr>
<tr>
<td>Singapore</td>
<td>48-96</td>
<td>0.25</td>
</tr>
<tr>
<td>Greece</td>
<td>5-6</td>
<td>0.5</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>2.8</td>
<td>0.75</td>
</tr>
<tr>
<td>Costa Rica</td>
<td>144</td>
<td>0.2-1.9</td>
</tr>
<tr>
<td>Peru</td>
<td>360-720</td>
<td>2-24</td>
</tr>
</tbody>
</table>

65% of landlocked countries have not yet ratified
CMR & eCMR

Advantages include:
- Handling cost reductions
- Administrative simplification
- Increased data accuracy
- Real-time information on progress of shipments

- UN Convention on the International Carriage of Goods by Road (CMR)
- CMR Additional Protocol concerning the use of the Electronic Consignment Note (eCMR)
- eCMR pilots: France, Spain, Belgium, Benelux
International Transport Infrastructure Observatory

Soon available on a GIS platform!

Will include:
Data on transport networks and modes
Data on corridors, infrastructure projects,
Traffic and cargo flows
Online – Real time monitoring of block train services

- 11:40 passed the border ...
- Now, it is in Russian territory...
Climate Change Impacts and Adaptation for Transport Networks and Nodes
Euro-Asian Railway Facilitation

- CIM-SMGS common consignment note
- E-common consignment
- Creation of a Unified Railway Law
Thank you