



UNDA COVID-19 PROJECT CLOSING EVENT
TRANSPORT AND TRADE CONNECTIVITY IN THE AGE OF PANDEMICS
UN solutions for contactless, seamless and collaborative transport and trade

“Smart and Seamless connectivity along the Asian Highway Network”

20-24 June 2022



Background

- **COVID-19 - global threat to human health**
- **Road transport – ensure movement of goods but also the vector for the spread of the virus**
- **Measures were undertaken by governments to contain the spread; adverse impact on seamless connectivity**
- **Push for digitalization and automation**

Undertook a study project on “Seamless and smart connectivity along the Asian Highway network in the time of COVID-19”, financed by UNDA





Road is indispensable and is the most used mode of transport. It does not only support the first and last mile of transport, but also support long distance national and international connectivity.





Countries imposed different measures to mitigate the spread of COVID-19, notably at border-crossings

Disruption in international road transport, adversely affecting seamless movement of goods and logistics network

Adopt new technologies to mitigate current and future challenges, ensure long term sustainability and resilience to build back stronger



Sample solutions through digitalization

- **Information support systems that help reduce barriers and risks of violations by carriers**
- **Digitalization of transport documents**



Sample solutions through digitalization

Digital system for remote registration, issuance and control of permits for international cargo transportation in electronic format

Preliminary electronic declaration to the control authorities



Sample solutions through digitalization

- **Information systems that reduce queues and delays of international road transport at border checkpoints**
- **"Telemedicine " - remote medical monitoring of drivers**



Sample solutions through digitalization

- **Automated remote monitoring and control of vehicle parameters in real time on the route**
- **Remote electronic customs control with navigation seals and Smart Containers**
- **Use of fully or highly automated transport technology**

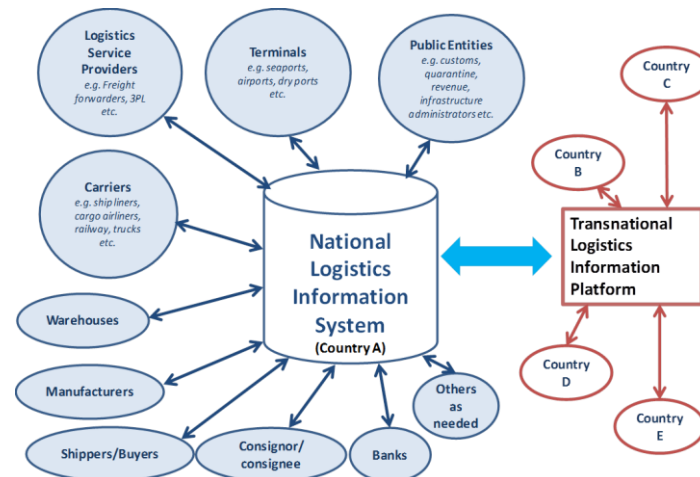
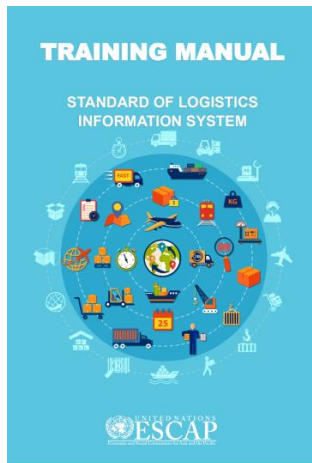




Sample solutions through digitalization

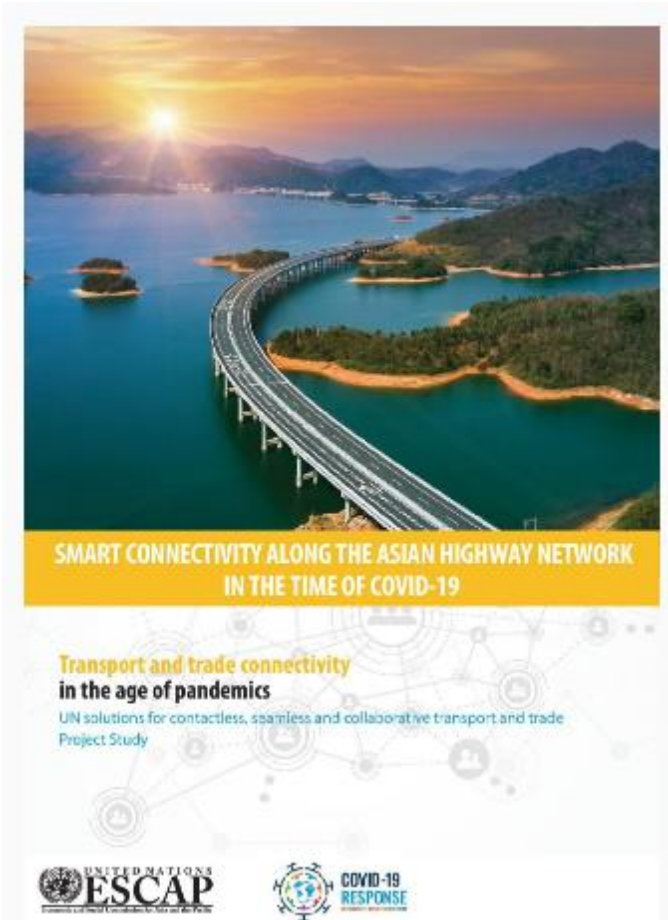
Digitalization of business processes through the establishment of Logistics Information System platform

“Standard Model for Logistics Information System”



Thank you

Edouard Chong, Economic Affairs Officer, ESCAP
chonge@un.org



<https://www.unescap.org/resources/seamless-and-smart-connectivity-along-asian-highway-network-time-covid-19>

<https://www.unescap.org/kp/2021/training-manual-logistics-information-system>

