



Deepening digitalization of railways in the ESCAP region Possible issues and way forward

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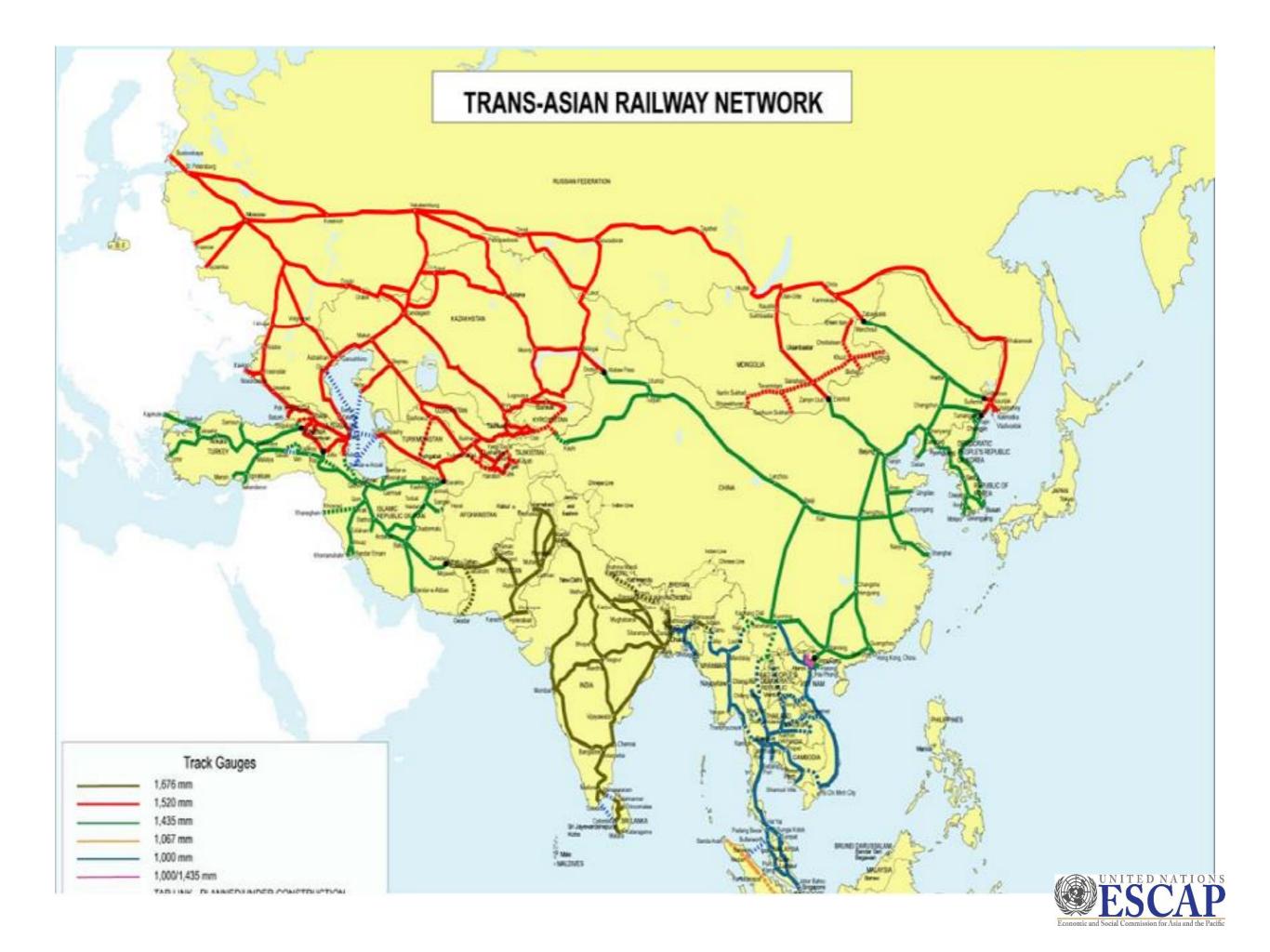


Outline

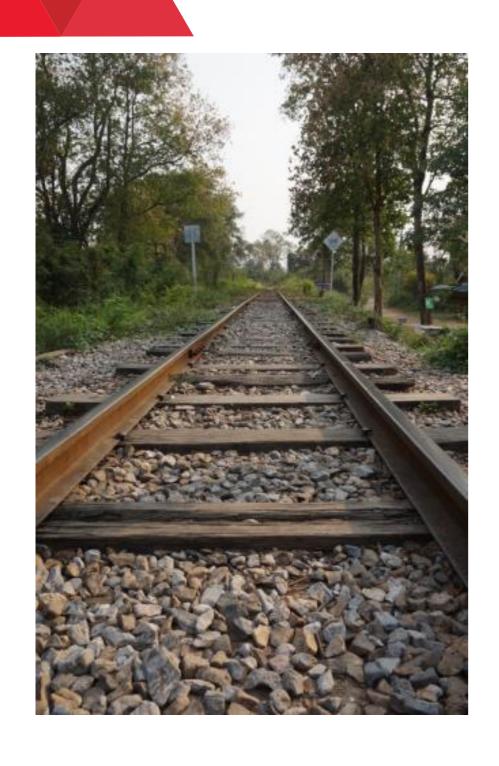
- Intergovernmental Agreement on Trans-Asian Railway Network
- 2. Why, what and how of digitalization of railways in ESCAP region
- 3. Current work and future priorities to strengthen railway transport







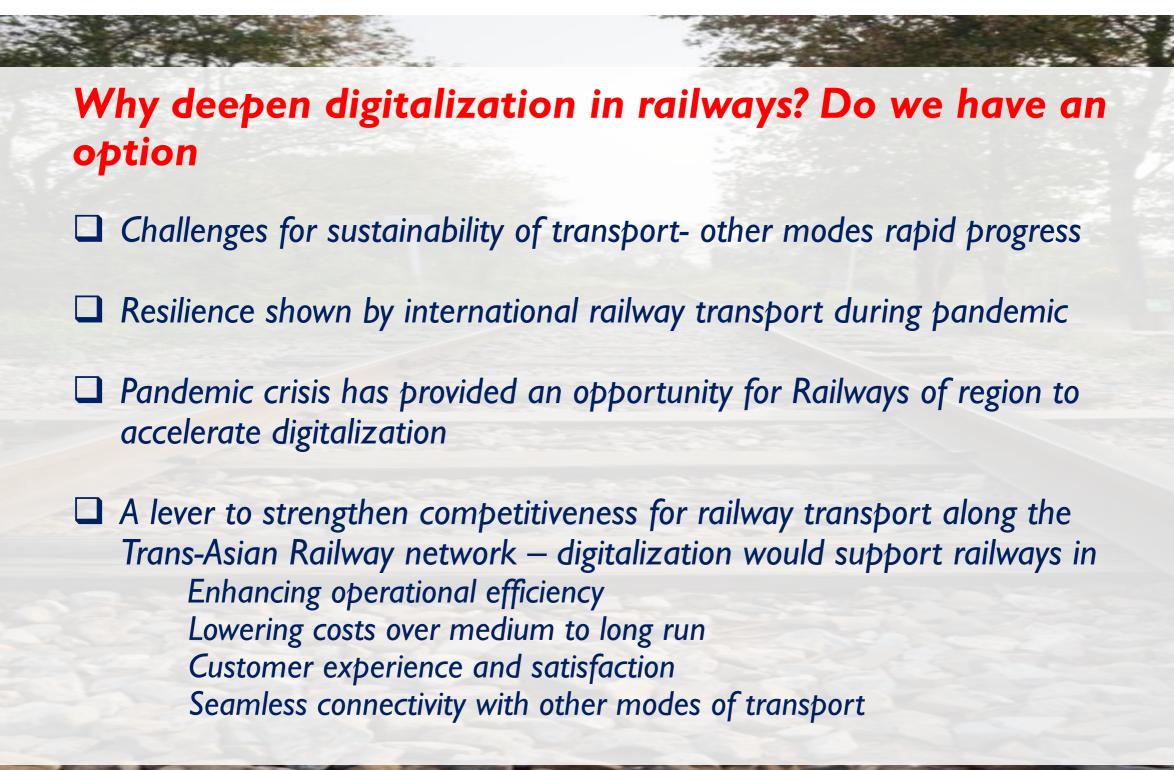
Intergovernmental Agreement on Trans-Asian Railway Network



Trans-Asian Railway Network formalized through intergovernmental agreement entered into force in 2009. Soon have 21 contracting parties

Developed by ESCAP members as a coordinated plan to develop a regional railway network to meet the growing needs of intra and interregional trade and transport

The Working Group under the agreement provides a regional platform for the member countries to discuss persistent and emerging issues in international railway transport along the network. Six meetings- focus on operational issues





How can the challenges be overcome ☐ Develop national strategy for digitalization of railways (Russian Railways) - estimated economic impact USD 5.2 billion ☐ Encourage active national stakeholder consultations particularly with private sector participation in developing action and implementation plans Enhance capacity of railway and transport officials ☐ Widen international cooperation for **developing synergies**, **sharing** experiences and developing a regional/subregional plans for identifying issues for harmonized approaches for digitalization in railways ☐ Establish a railway innovation and digital fund to act as catalyst for digitalization of railways in the region to bridge financing gap

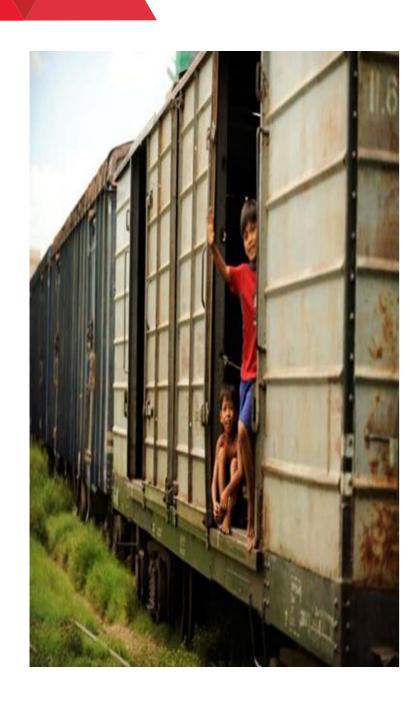
Current initiatives to strengthen international railway transport

To enhance efficiency of international railway transport, particularly post COVID-19, ESCAP is working on following issues following



- I. Developing a comprehensive online database for Trans-Asian Railway Network
- 2. Supporting electronic information exchange among railways and between railways and control agencies
- 3. Guidelines on harmonized customs formalities for transit for international railway transport
- 4. Support countries in establishing corridor management mechanism for railway corridors

Future work to strengthen international railway transport and linkages with Agenda 2030



- 5. Developing smart railway solutions in such areas as operations, maintenance, break of gauge and energy efficiency
- 6. Explore potential for developing a framework for digitalizing railways in the ESCAP region
- 7. Enhancing sustainability of railway transport by supporting member countries in decarbonizing railways
- 8. Encourage modal shift towards rail and mainstreaming railway transport in national plans to support realization of 2030 Agenda



Analytical and knowledge products on international railway transport



Border crossing practices in railway transport

Enhancing interoperability to facilitate international railway transport

Electronic information exchange systems for international railway transport

Railway Electronic Information Systems and their Linkages with Customs Systems **Blogs**

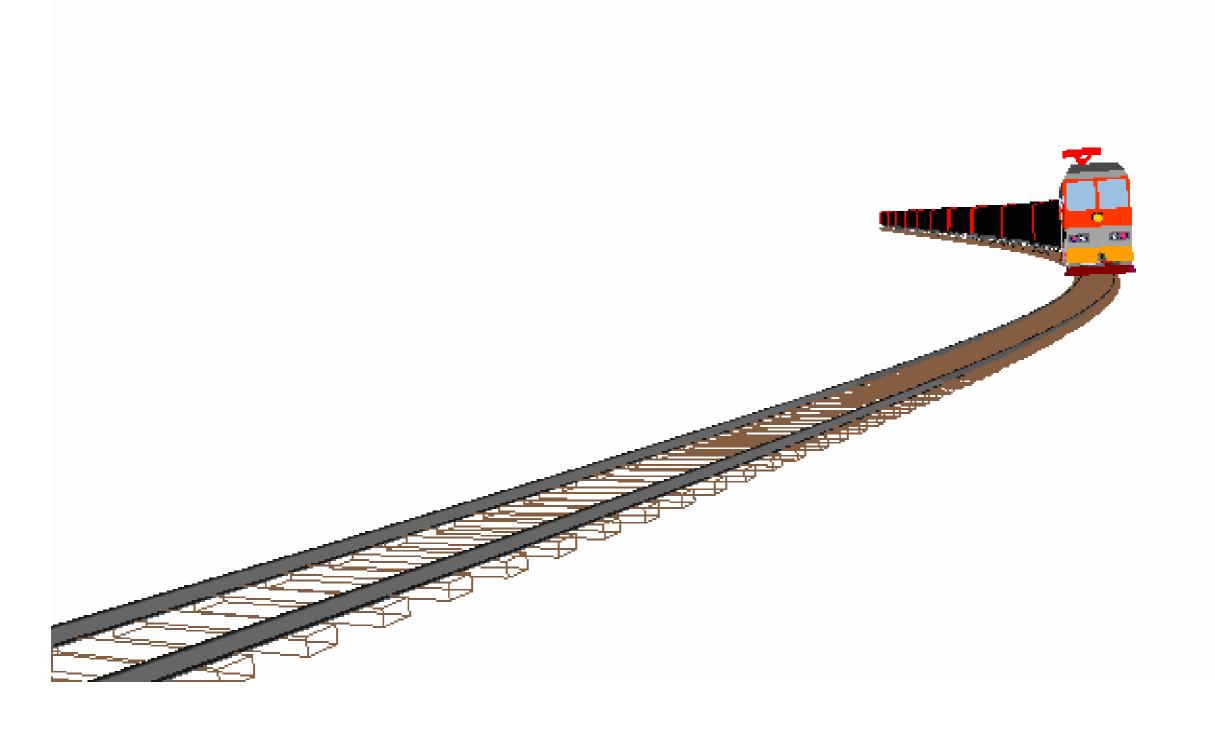
Five Years Into The 2030
Agenda: Time To Give A Big
Push To Railway Transport 03
December 2019

COVID-19 Pandemic:
International Freight Trains
Lead The Way Into Future 04
May 2020

Policy Brief

COVID-19 and its impact on Railway sector in Asia and the Pacific November 2020





Thank you for your attention

http://www.unescap.org/our-work/transport

