In the Name of GOD

High-Level Meeting on Deepening Digitalization of International Rail Transport in Asia-Pacific

Session1:

Rail Digitalization Strategies and Policies of the Members of Trans-Asian Railway Network

13 - 15 May 2025, Xi'an, China

Dr. Farhad Sheidei, Director General of the Bussiness Intelligence & Data Mining Bureau of Iranian Railways (RAI)

Xian, Beginning of the Caravans on Ancient Silk Road to Persia, Aciet Iran and West

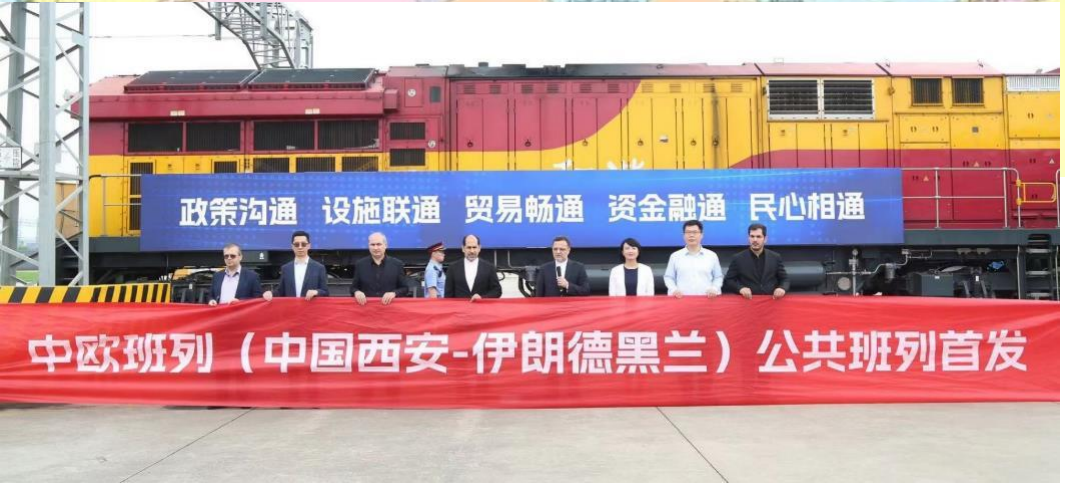






Re-launching Container Trains from China to Iran & Vice Versa in July 2024







Iranian Railways connection Neighbor Countries



Ports connected to the rail network of Iran



1) Bandar Abbas Port

2) Imam Khomeini Port

3)Khorramshahr Port

4) Amir Abad Port

5) Chabahar Port

(under construction)

6) Anzali Port

(under construction)



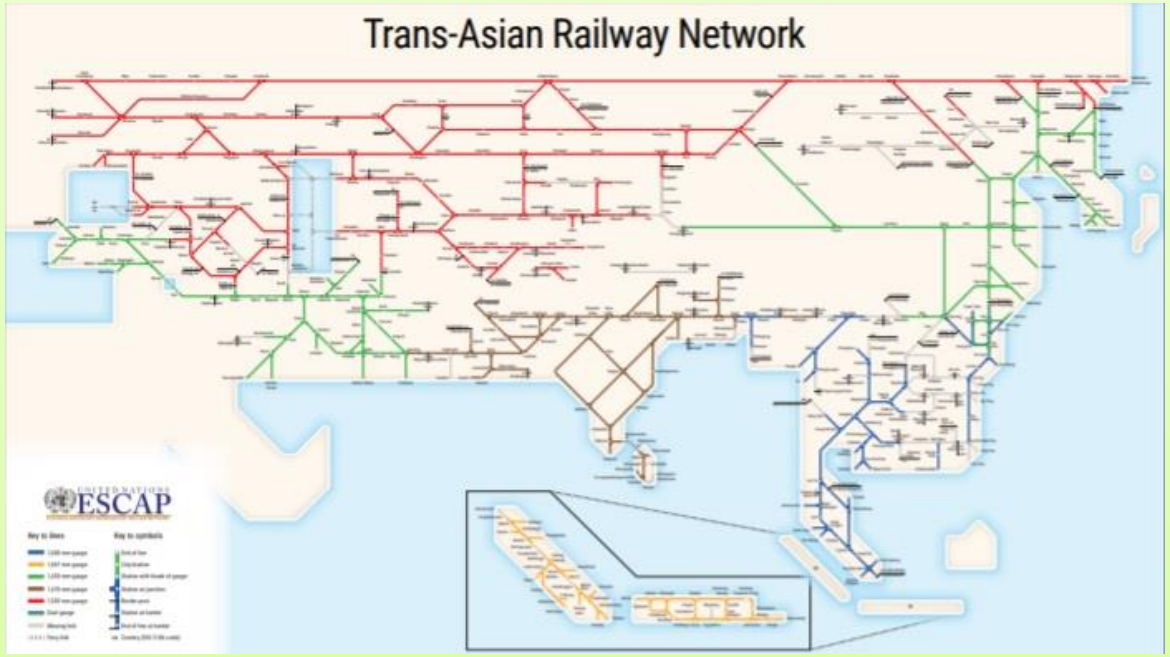
The Railways of Iran has made the issue of rail digitalization as one of its work priorities because as we are all know that digitalization and also Electronic Data Exchange among Railways are very important for increasing competitiveness of international rail transport

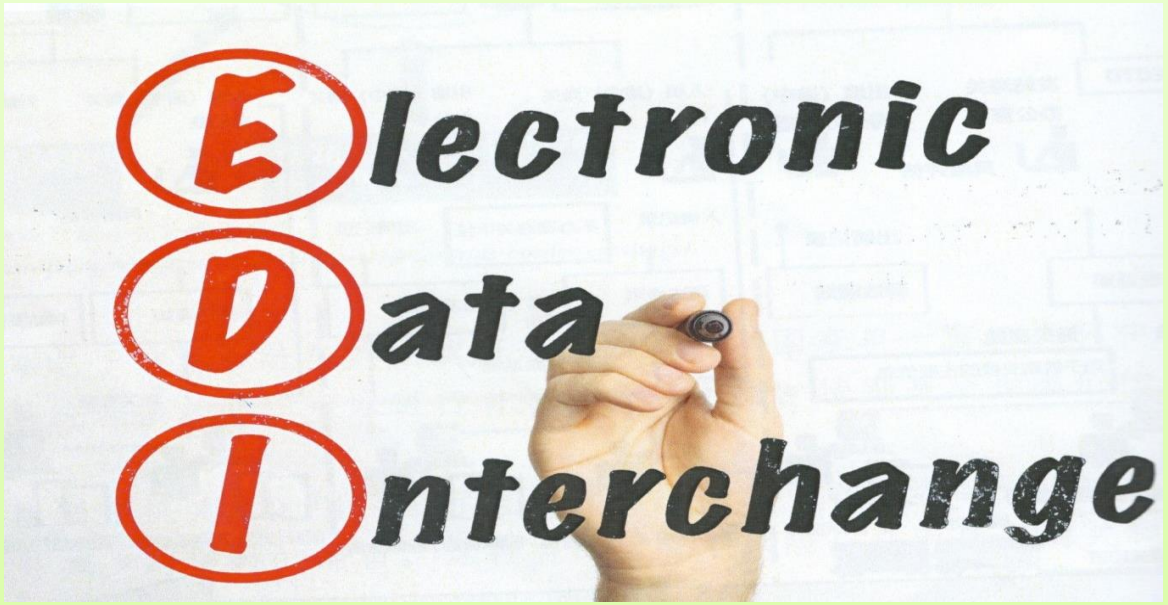


Proposal of Iran for Adding a new annex, as annex III to the TAR Agreement

- Regarding the importance of electronic data exchange in international rail transport and in order to realize establishing electronic data exchange on the Eurasian Corridors crossing Iran, the **Proposal of the Islamic Republic of Iran for Adding a new annex, as annex III to the TAR Agreement was finally approved** at the 8th Biennial Meeting of the Trans-Asian Railway (TAR) Working Group in September 2023, in the name of the Government of the Islamic Republic of Iran.

- **General principles on electronic information exchange/data interchange among railways and between railways and control agencies along the Trans-Asian Railway Network**





Cooperationn of Iranian Railways with UNESCAP in the field of Digitalization and Electronic Data Exchange

1- Conducting a study on electronic data exchange in international transport between the Iranian Railways and Turkmenistan Railways by UNESCAP, following the study on the commercialization of the Kazakhstan-Turkmenistan-Iran (KTI) railway corridor, which was requested by Iranian Railways in 2020.

2- Holding a capacity building workshop on "Digital Transformation Strategy for Iranian Railways" in December 2022







UNESCAP&UNECE capacity building seminar On

Digital Transformation in the Kazakhstan-Turkmenistan-Iran(KTI) Corridor: Electronic Consignment Note equivalent to SMGS railway consignment note using United Nations (UN) Standards in Ashgabat, Turkmenistan on March 13-14, 2025 :

Iranian Railways will be involved in conducting a pilot project on an electronic consignment note equivalent to SMGS consignment note along the KTI rail corridor using UN/CEFACT standards.







Cooperation with the Member Countries of Trans Asian Railways (TAR)

- cooperation with Russian Railways in the field of electronic data exchange and tracking the location of rail fleet in international transportation from Russia to Iran along the North-South Corridor, which is one of the main corridors of the Trans-Asian Railway Network, and we are going to sign a memorandum of understanding in this regard in near future

- We hope for good and technical cooperation in the field of digitalization with China and Railways of China, as well as with other Member States of the Trans-Asian Railway that in the near future







THANK YOU FOR YOUR KIND ATTENTION