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



13-15 May 2025, Xi’an, China

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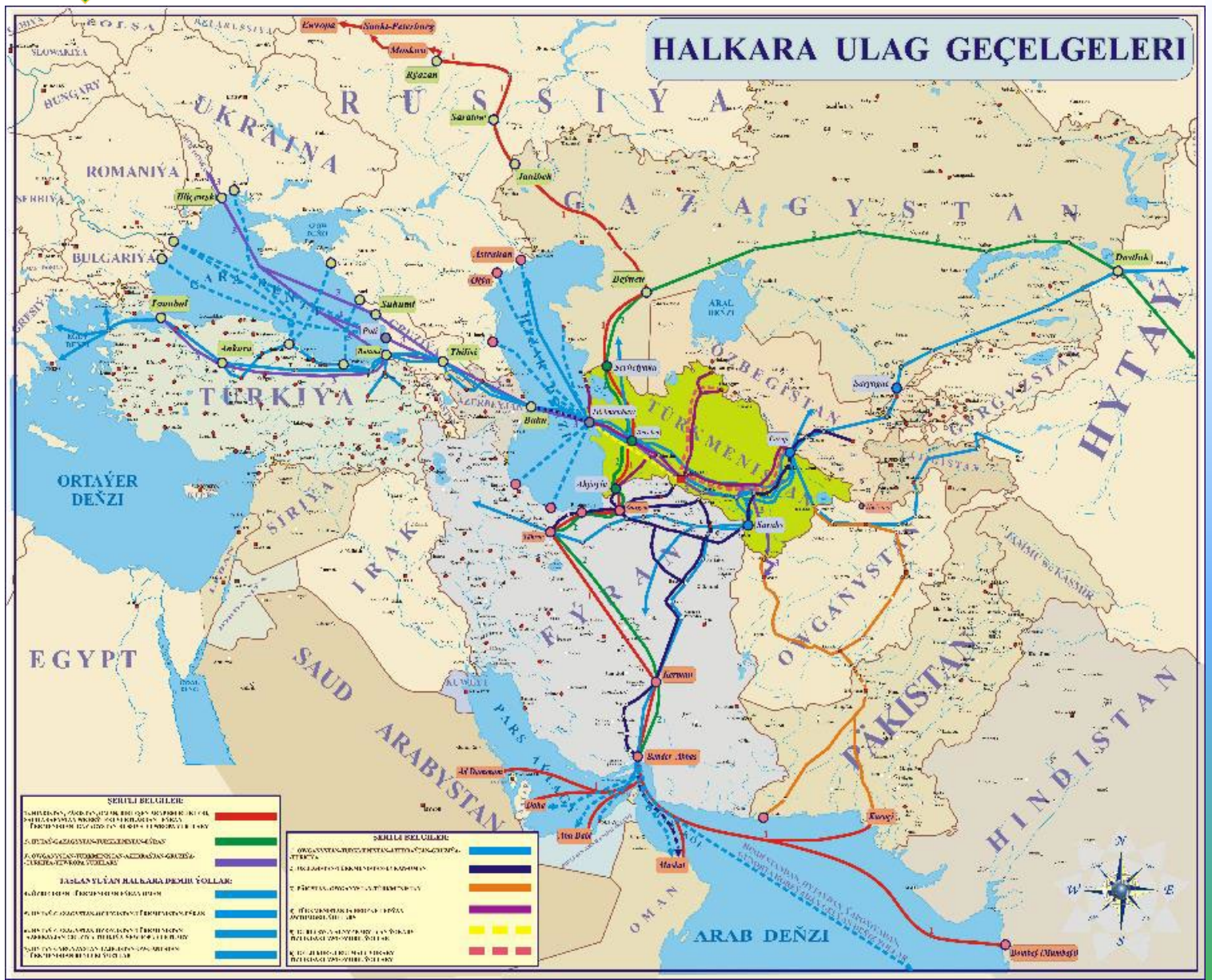
Geographical Location Turkmenistan



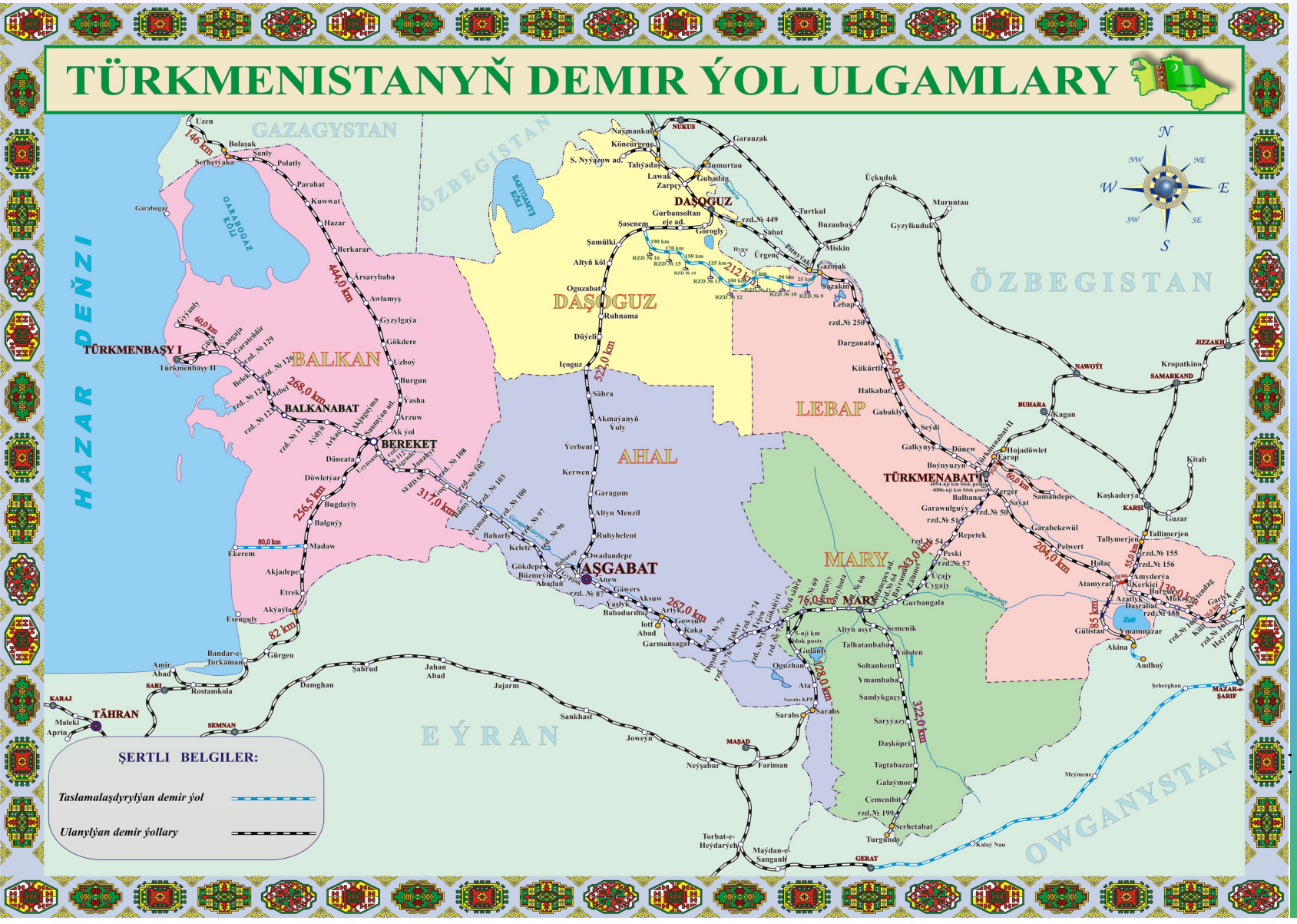
Turkmenistan, strategically located at the crossroads of international transport routes, plays a pivotal role in advancing transit transportation across Central Asia. The country is actively modernizing its transport infrastructure to solidify its position as a critical logistic hub.

Transport Corridors



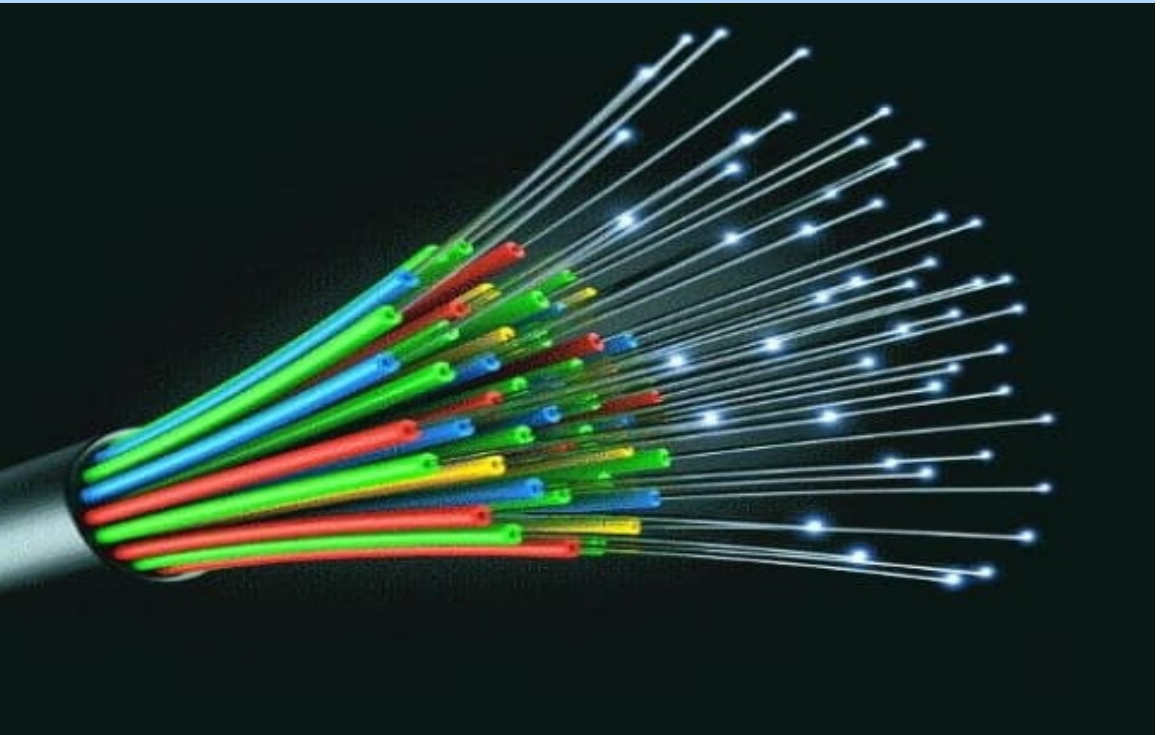
The priority focus is on developing the North-South and East-West transport-transit corridors.

1. Eastern Route of the International North-South Transport Corridor
2. Lapis Lazuli Corridor
3. Uzbekistan-Turkmenistan-Iran-Oman Multimodal Transport Corridor
4. Black Sea – Caspian Sea International Transport Route
5. China –Kazakhstan-Turkmenistan-Iran Corridor
6. CASCA+ Multimodal Corridor



- Over 5 100 km railway roads
- Over 3 950 km main roads

- Over 1400 km of 24 –core fiber multimode cable
- Huawei Optical Transmission System (OSN3500 STM16, OSN550 STM4)
- Over 2,5 Gbps Data transfer rate





OSN3500

TURKMENBASHI-TURKMENABAT RAILWAY MODERNIZATION

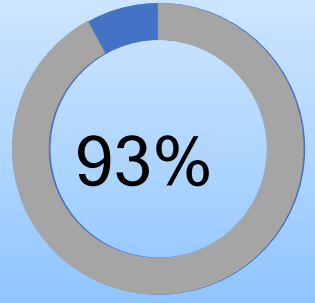


Turkmenbashi: Key connection with the Caspian Sea, Azerbaijan, Georgia, Turkey, and the EU through the Black Sea.

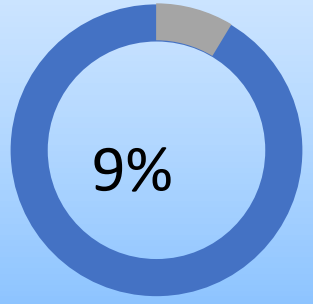
Turkmenabad: A vital hub connecting Turkmenistan with Uzbekistan, Tajikistan, Kyrgyzstan, Kazakhstan, and China.

Vital for international trade connectivity. **Length of the railway corridor: 1,147 km**

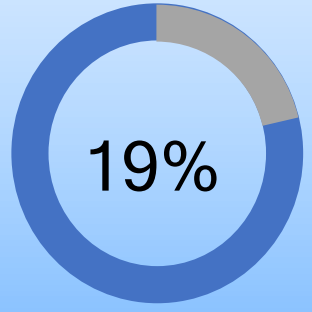
Freight Traffic



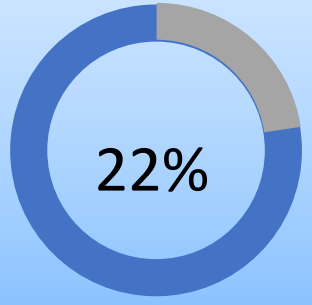
of **transit freight partially passes** through this section.



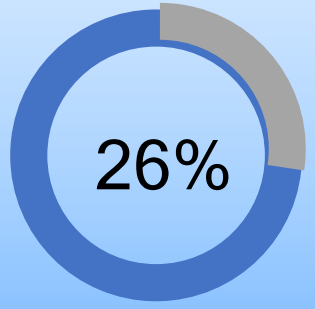
of total **transit freight exclusively passes** through Turkmenbashi–Turkmenabad.



•of total **transit freight enters** Turkmenistan via Turkmenbashi and Turkmenabad.



of all **imported goods** enter Turkmenistan via Turkmenbashi and Turkmenabad.



of all **exported goods** exit Turkmenistan via Turkmenbashi and Turkmenabad.

Digital Economy Development in Turkmenistan



In recent years, a substantial regulatory framework for digital economy transformation has been established, which is continuously improved to align with modern requirements and technological trends. Several legislative acts were adopted, including:

- The Law «On Electronic Documents, Electronic Document Management and Digital Services»
- The Law «On E-Government»
- The Concept for Digital Economy Development in Turkmenistan for 2019–2025
- The State Program for Digital Economy Development in Turkmenistan 2021-2025

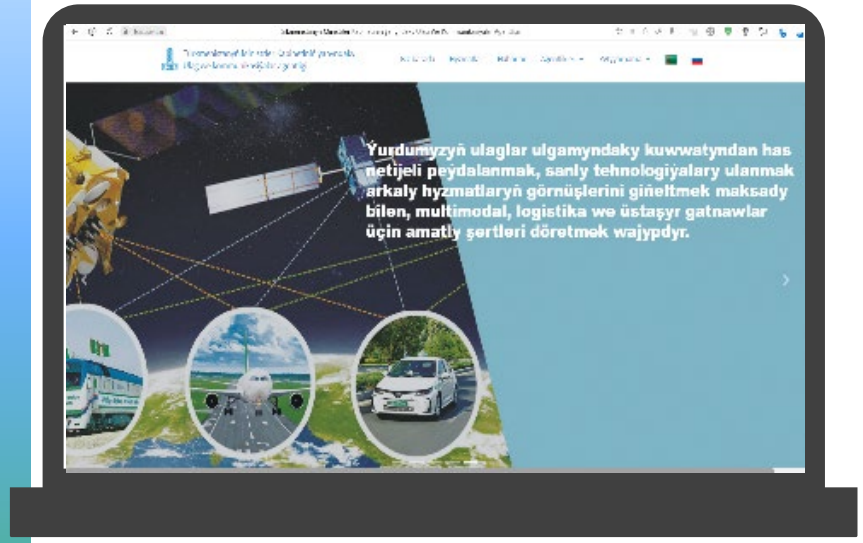
KTI Digitalization Pilot project



On March 13-14, 2025 in Ashgabat hosted the Capacity-Building Seminar on Digital Transformation in the KTI corridor: Electronic equivalent of the SMGS railway consignment note using UN standards. This demonstrate that Turkmenistans transport sector places special emphases on digitalization development

www.railway.gov.tm - for passenger services.

www.trl.gov.tm - for rail freight services.



Thank you