



**17th Transport Sector Coordinating
Committee (TSCC) Meeting**

18–20 April 2018 | Istanbul, Turkey

**17-е заседание Координационного
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18–20 апреля 2018 года | Стамбул, Турция

National and Regional Priority Transport Programs And Projects in Turkey

Dr. Kadriye BODUR GÜMÜŞ

DG for Foreign Relations and EU Affairs

Ministry of Transport, Maritime Affairs and Communications of
Republic of Turkey



Outline

- Turkey's vision for International and Regional Transport Corridors
- Development of Transport Infrastructure: Priorities and Projects
 - Railways
 - Roads
 - Maritime and Logistics
- Final Remarks on the Operationalization of Trans-Caspian East-West Middle Corridor



Turkey's Vision for «Regional Integrated Transport Corridors»

“Regional Integrated Transport Corridors’ perspective focuses on:

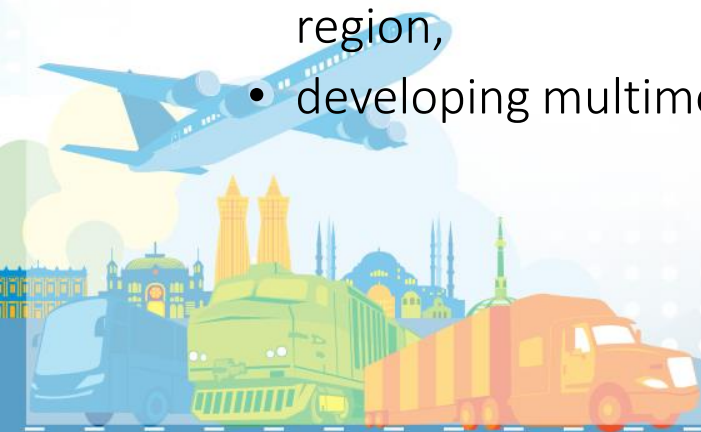
- Building a Modern Silk Road,
- Upgrading/development of transport infrastructure with a corridor-oriented perspective,
- Removing impediments to continental transport.



Turkey's Vision for «Regional Integrated Transport Corridors»

Turkey embraces a “Regional Integrated Transport Corridors” perspective which aims to develop a comprehensive and complementary approach towards all corridors in the region. This approach is based on;

- making bilateral and multilateral transport agreements with enroute countries,
- developing coordination mechanisms for finding practical solutions to problems of the corridor,
- supporting the identification of logistics and transport infrastructure needs of corridor countries,
- promoting Turkish private sector to improve their operations in the region,
- developing multimodal transport and sustainable logistics capacity.



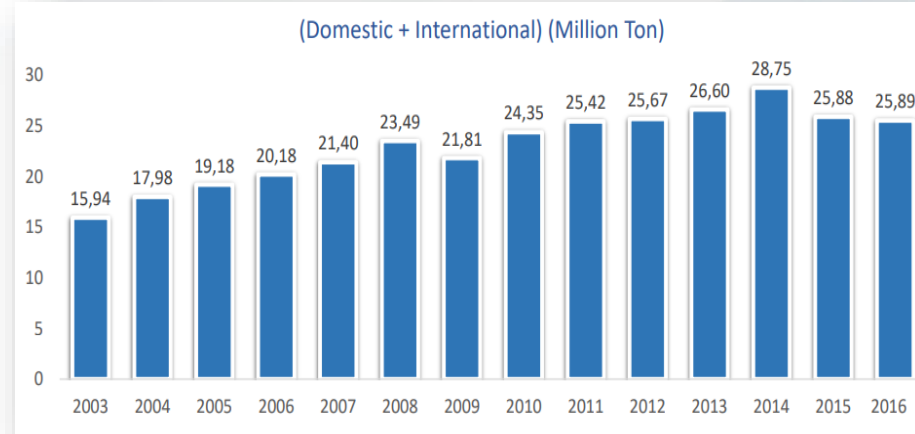
Main Transport Corridors in Turkey with Port Connections: Trans-Caspian East-West Middle Corridor and Turkey-Iran-Pakistan Route



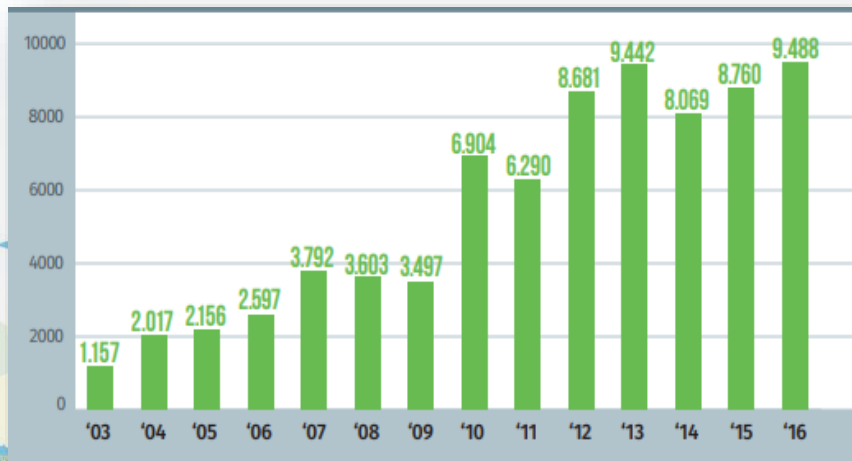
Railways



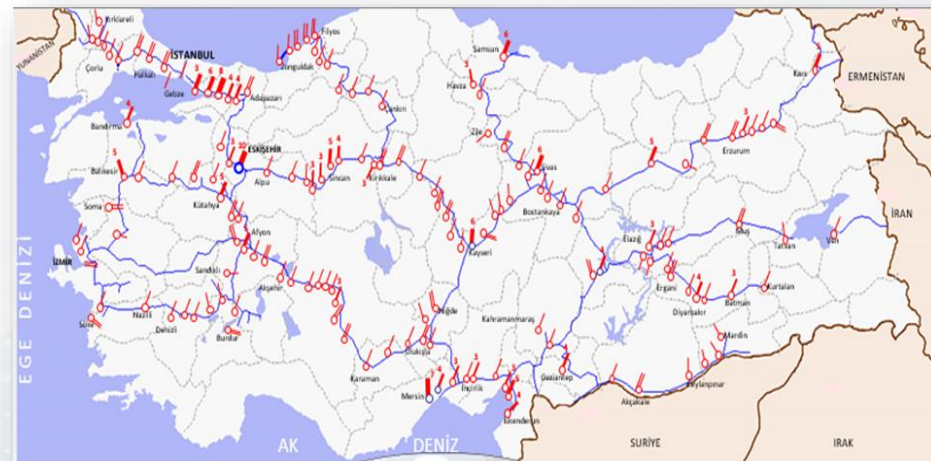
Development of Rail Network



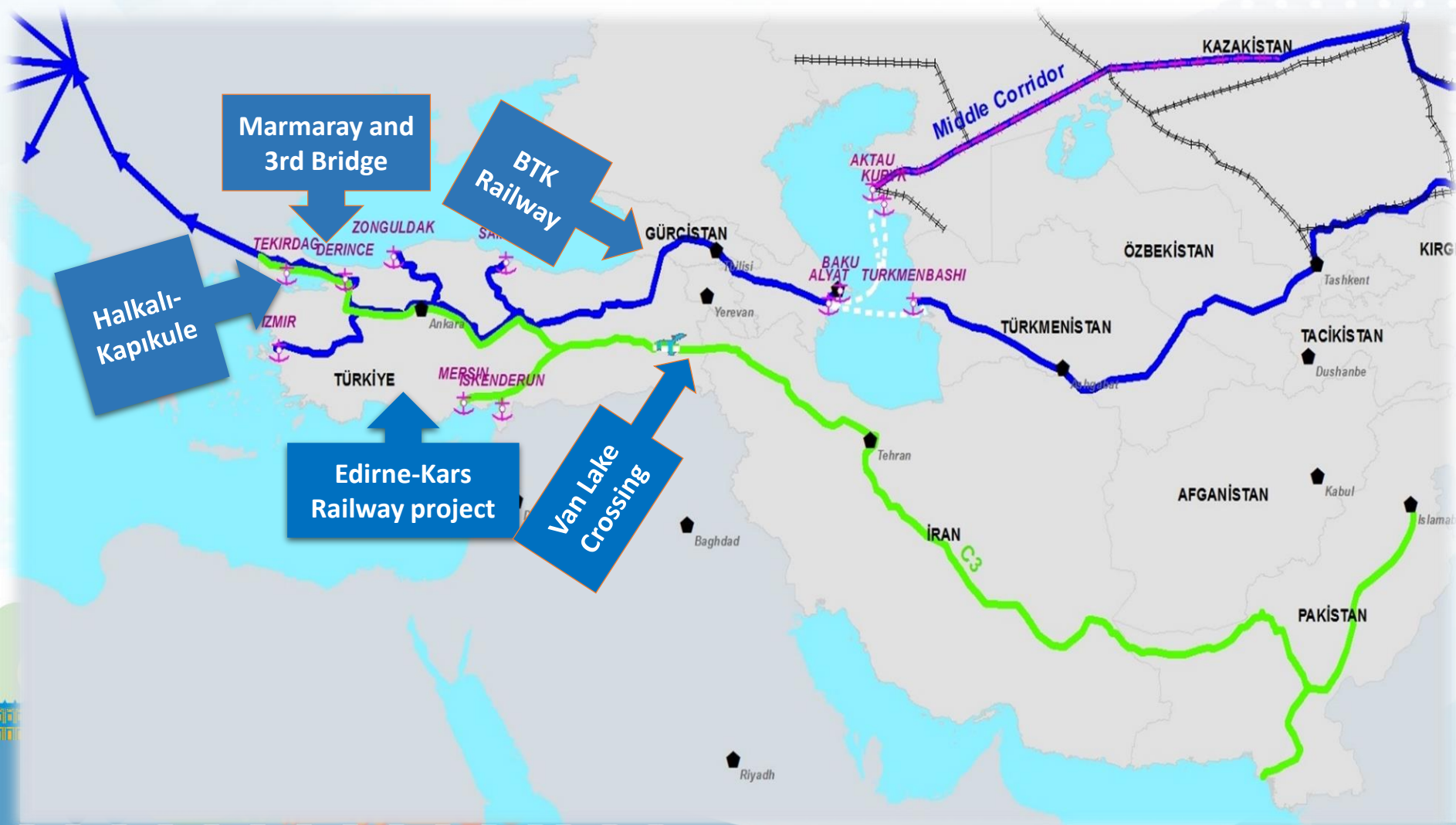
Increases in Freight Transport in Railways



Increases in Public Investments in Rail Sector in Turkish Lira



Major Railway Projects on the Main Corridors



Railway Projects

BAKU-TBILISI-KARS RAILWAY PROJECT



TURKEY SECTION 79 km

- 4 stations
3 bridges
tunnels with total length of 22.6km
- Construction of 4.45km mountainous tunnel on Turkish-Georgian border
2.07km in Georgia and 2.38km in Turkey

GEORGIA SECTION: 259 km

- 9 stations
32 bridges
tunnels with total length of 4.6km
- Construction of 26.3km new railway line in
- Akhalkalaki-Kartsakhi section
construction of bogie exchange station in Akhalkalaki
construction will be completed by mid-2015
- 153.1km rehabilitation and reconstruction of existing railroad in Marabda-Akhalkalaki section

AZERBAIJAN SECTION: 503 km

- Reconstruction and design of automatics and signalization system
- Renovation of the rolling stock
- USD775 million spent on renovation and modernization of railways

BAKU-TBILISI-KARS RAILWAY PROJECT

- Joint Initiative of Turkey-Georgia-Azerbaijan,
- The BTK Railway is operational (for diesel operations) on a single line.
- 1 million passenger and 6.5 million ton freight are expected to be carried for the beginning.
- It is expected that passenger capacity will increase to 3 million and freight capacity will increase to 17 million ton by the end of 2034.

Railway Projects

Marmaray

- was inaugurated on 29 October 2013,
- provides uninterrupted railway connection between Asia and Europe.
- 13.6 km Istanbul Strait crossing and a 76 km high-capacity line between Gebze and Halkalı.
- Cargo transportation will be operational following the completion of integration works of Marmaray by 31.12.2018.



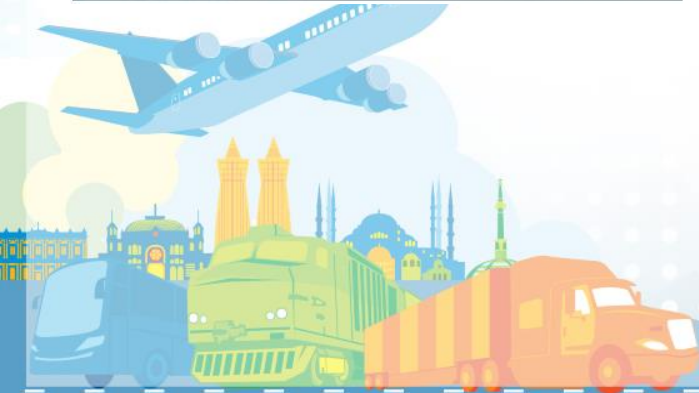
Rail-ferry Operations: Van Lake Crossings



Each Ferry

TOTAL LENGTH	: 136,73 M
DESIGN SPEED	: 14 KNOT
FREIGHT CAPACITY	: 4 000 TON
RAIL LENGTH	: 500 mt.
JOURNEY TIME	: 3,5 hours
(Between Tatvan and Van)	

- In order to rehabilitate Van Lake Crossing which plays a significant role in the trade between our country and Iran and Central Asia countries, two fast and high-capacity ferries were planned to be constructed. One of these ferries is now operational and the second ferry is expected to be operational by the mid-2018.



Road Transport



Development of Road Network



East-West Axes

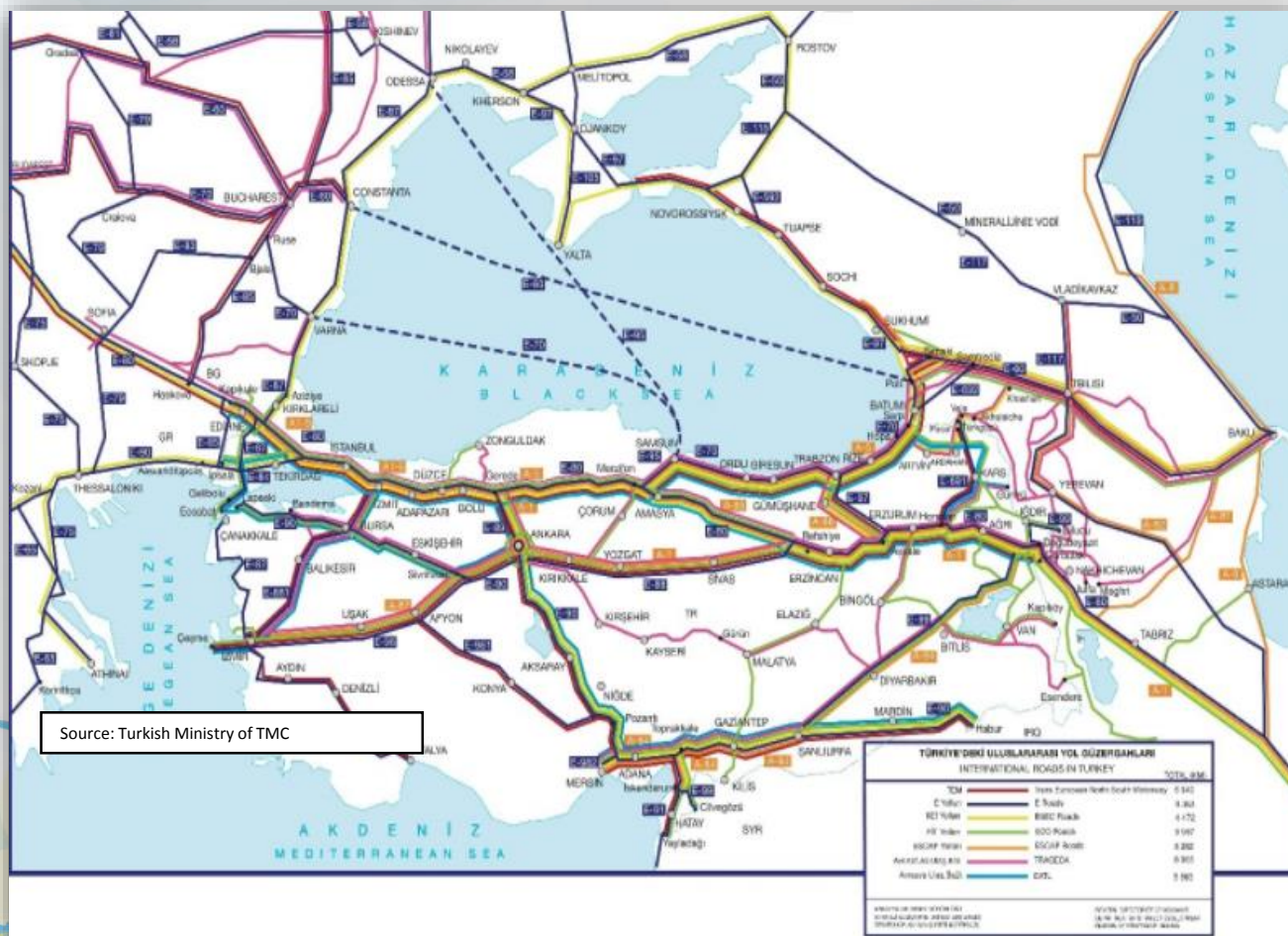


North-South Axes



Road Network

International Road Corridors in Turkey



TEM	6940 km
AGR	9353 km
BSEC	4472 km
ECO	9987 km
UN-ESCAP	5262 km
TRACECA	8365 km
UN-ECE EATL	5663 km



Large-scale Projects in Road Sector

GEBZE-ORHANGAZI-İZMİR MOTORWAY AND NORTHERN MARMARA MOTORWAY PROJECTS



GEBZE-ORHANGAZI-İZMİR MOTORWAY

- The largest ever infrastructure project in Turkey's history.
 - Total length 433 km
 - It will decrease the average journey time between Izmir and Istanbul from ten hours to approximately four hours.
 - Osmangazi Bridge, which has been completed in June 2016, is the most important leg of this highway project.
- Total Budget: 6.3 Billion USD



NORTHERN MARMARA MOTORWAY PROJECT

- The aim of the project is to decrease the traffic congestion at 2 suspension bridges on Istanbul Strait with an alternative suspension bridge that will locate on the north of Istanbul close to Black Sea region.
- ✓ Total Length is 405 km, composed of three segments, including Yavuz Sultan Selim Bridge.
 - ✓ Odayeri-Kurtköy segment of the project (148 km) has been completed.
 - ✓ Total Budget: 3.4 Billion USD

Large-Scale Projects in Road Sector

ISTANBUL STRAIT CROSSING PROJECTS



THE YAVUZ SULTAN SELIM BRIDGE

As an important segment of Northern Marmara Motorway Project, the bridge was inaugurated in August 2016.

It is the widest suspension bridge in the world and the longest spanning one that has a rail system on it.



THREE-LEVEL TUBE TUNNEL PROJECT

Three-Level Big Istanbul Project will connect the two sides of Istanbul by a 3-storey subsea tunnel.

The mid-level will be used for the subway and the other two levels will be used by cars. It will be the first three-level tunnel in the world.



EUASIAN TUNNEL

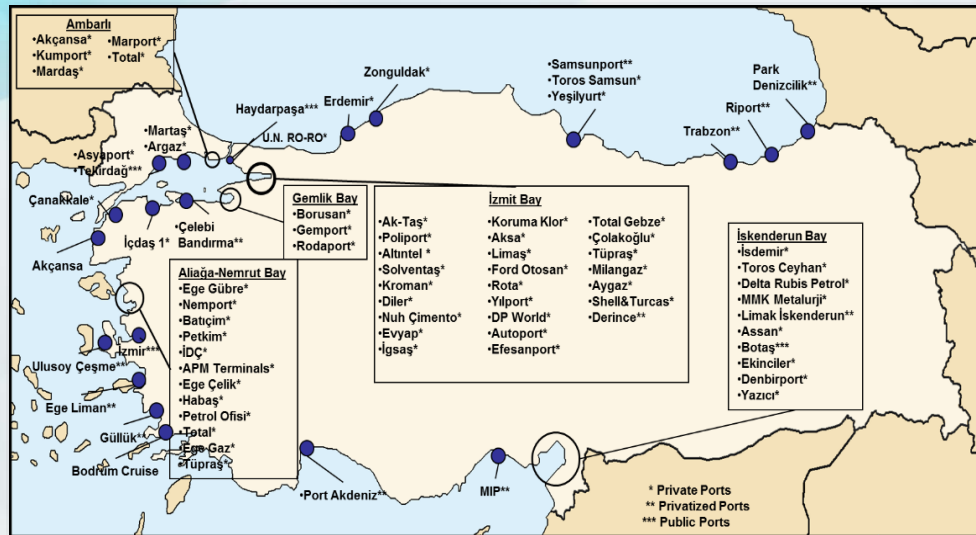
The Eurasian Tunnel which is a road tunnel crossing the Istanbul Strait under the sea was inaugurated in December 2016.

The Tunnel connects Asia to Europe beneath the seabed.

Maritime and Logistics



Development of Maritime Transport



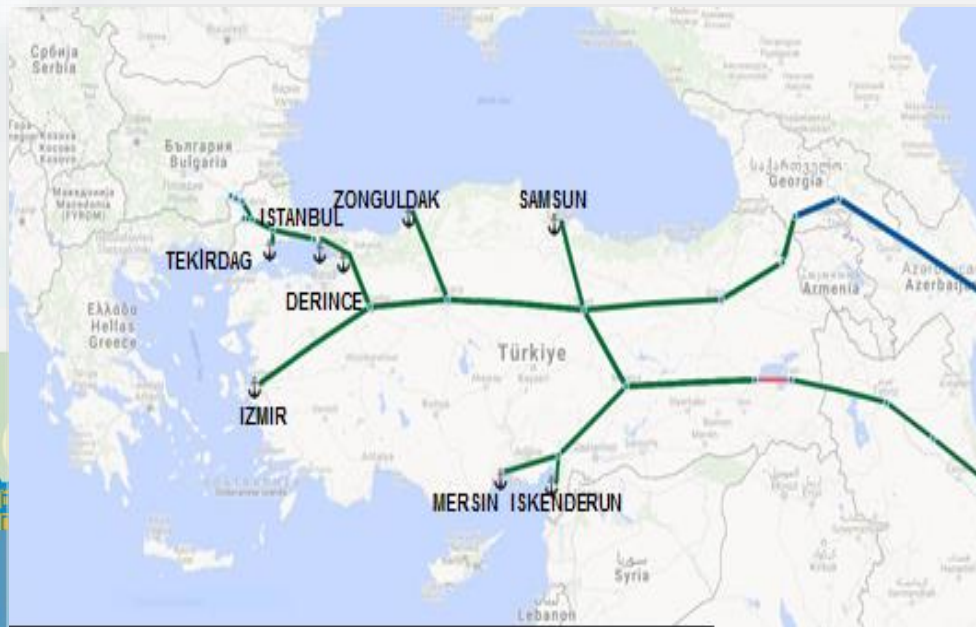
- In terms of tonnage, more than 85% of Turkish Foreign trade is carried by maritime transport.

- The number of total ports in Turkey is 210, 172 of them are open to international ports.

- 80-85 % of container transport is operated by private and privatised ports.

- Ambarlı, Mersin, Derince and İzmir are the main ports in which the handling of containers is performed in high volumes.

- Public sector has port investment plans such as Çandarlı Port (4 Million TEU Capacity), Mersin Port Container Terminal (20 Mil. Tons/Year) and Filyos Port (25 Million Ton/Year) are ongoing.



Improvement of Logistics Capacity

- 21 New Logistics Centers
- 8 logistics centers are now operational.
- Construction works of 7 logistics centers are ongoing.
- The studies for tender design and expropriation of 6 logistics centers are in progress

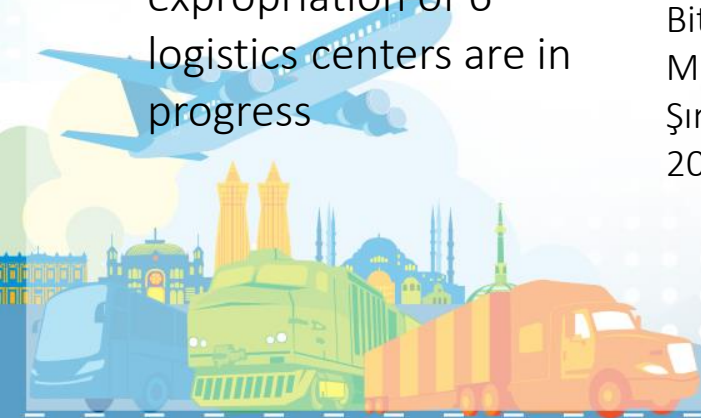
Estimated Completion Dates of Logistic Centers

Erzurum (Completion Date: 2017)
Kahramanmaraş (Completion Date: 2017)
Kars (Completion Date: 2018)
Konya (Completion Date: 2018)
Bilecik (Completion Date: 2019)
Karaman (Completion Date: 2019)
Sivas (Completion Date: 2019)
Kayseri (Completion Date: 2019)
İstanbul (Completion Date: 2020)
Bitlis (Completion Date: 2023)
Mardin (Completion Date: 2023)
Şırnak (Habur) (Completion Date: 2023)

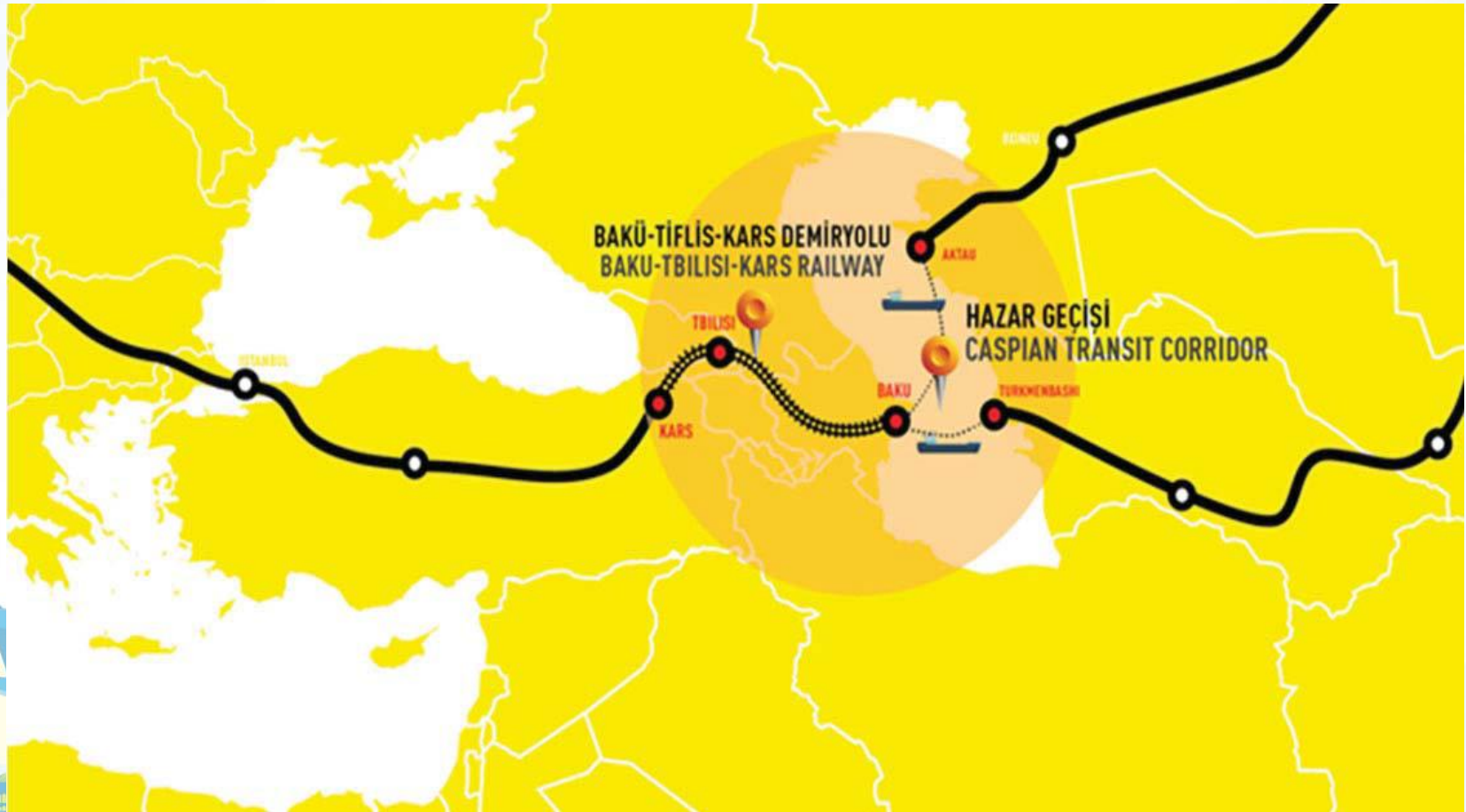
Kars Logistics Center



Köseköy Logistics Center



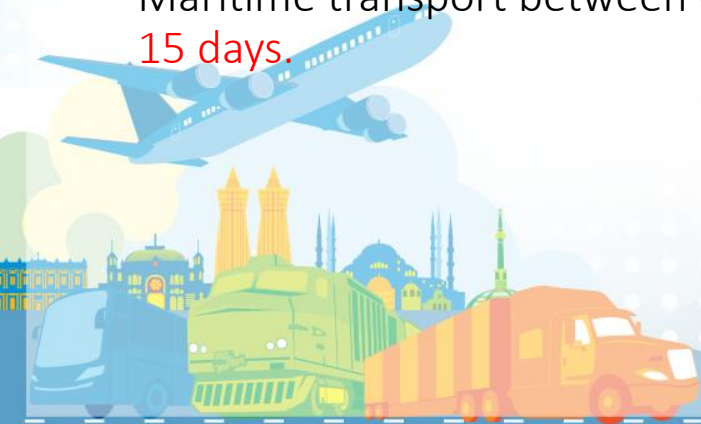
Final Remarks: Operationalization of Trans-Caspian East-West Middle Corridor



Operationalization of the Trans-Caspian East-West Middle Corridor

Opportunities presented by the Middle Corridor:

- Brings a **complementary route** to the Northern and Southern Corridor,
- Great potential for the development of rail and multi-modal transport in Euro-Asia, providing connection between the North-South Corridor and East-West Corridor,
- Big market potential with a sizeable population,
- **1.500 km shorter** than the Northern Corridor, with favourable climatic conditions during winters,
- Presents faster and shorter connection to the West and Northern Europe through Aktau/Turkmenbashi-Baku/Alat-**Baku-Tbilisi-Kars**-Marmaray link
- Maritime transport between China and Europe reduced **from 45-62 days to 12-15 days.**



Operationalization of the Trans-Caspian East-West Middle Corridor

- Based on several multilateral and bilateral cooperation mechanisms among Afghanistan, Azerbaijan, China, Georgia, Kazakhstan, Kyrgyzstan, Uzbekistan, Turkey and Turkmenistan:
 - **Baku-Tbilisi-Kars Joint Railway Project** of Azerbaijan, Turkey and Georgia,
 - Turkic Council Joint Protocol on Development of Transport, (Turkey, Azerbaijan, Kazakhstan, Kyrgyzstan)
 - Memorandum of Understanding on Sister Seaport Among the Ports of Baku, Aktau and Samsun,
 - Memorandum of Understanding signed between China and Turkey in November 2015 on “**Aligning the Belt and Road Initiative and the Middle Corridor Initiative**”,
 - Memorandum of Understanding on the prospects for development of the Trans-Caspian International Transport Route (TITR),
 - Tri-partite Cooperation Committee among Azerbaijan, Turkey and Turkmenistan,
 - Lapis Lazuli project (Afghanistan, Turkmenistan, Azerbaijan, Georgia, Turkey)



Euro-Asian Transport Corridors



- Thank you for your attention

