



UDH

T.C. Ulaştırma Denizcilik ve
Haberleşme Bakanlığı

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



Improving Transnational Transport Corridors in the OIC Member Countries

Bülent SÜLOĞLU

Head of Department

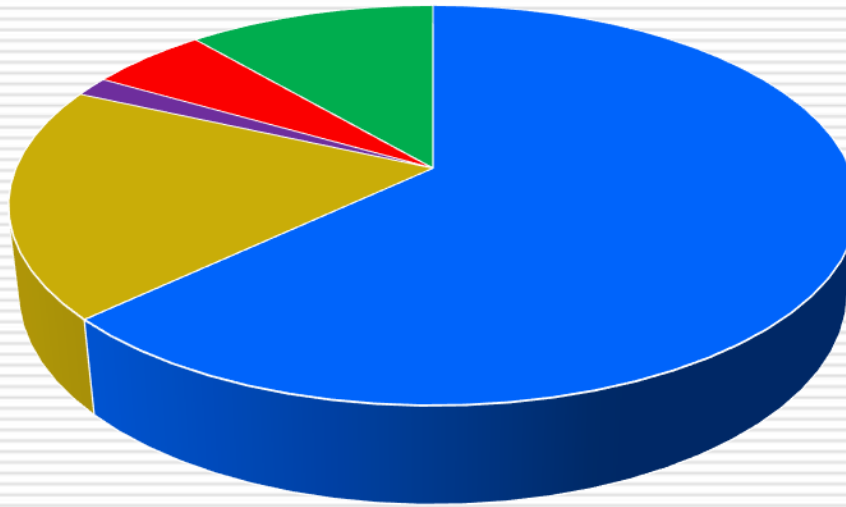
DG for Dangerous Goods and Combined Transport

Ankara, 18 October 2017



AMOUNT OF INVESTMENT MADE BETWEEN 2005-2016 THROUGH PUBLIC AND PPP FINANCIAL SCHEMES

Investments in \$ Billion



- Road
- Rail
- Maritime
- Air
- Communications

ROAD	47 Billion \$
RAIL	14 Billion \$
MARITIME	1.2 Billion \$
AIR	4 Billion \$
Comm.	8.4 Billion \$
TOTAL:	74,6 Billion \$

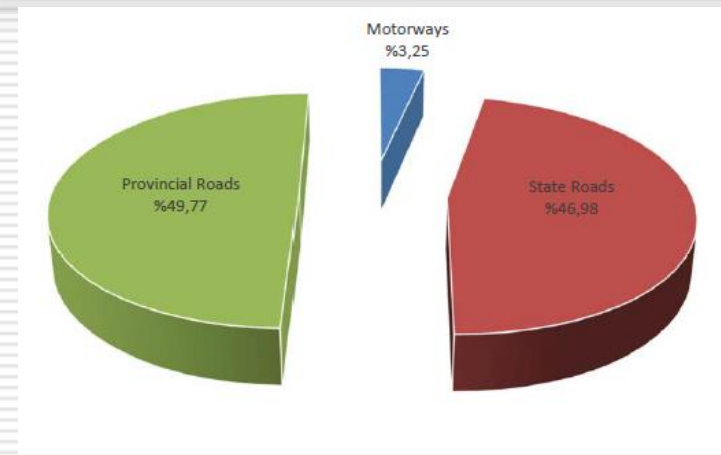


ROAD NETWORK

Motorway Projects



East-West Axes



North-South Axes



- Total of 67,403 km road network which is made up of 2,542 km (3,8 %) motorway, 31,073 km (46,2%) state road, and 33,788 km (50%) provincial road as of August 2017.
- Turkey aims to increase the length of dual carriageway network to 26,037 km in 2017, 30,000 km in 2019, and 33,250 km in 2023.
- The dual carriageways comprise 37.5% of our total road network, they provide service for approximately 80% of the transportation (vehicle-km) in our network.

RAIL NETWORK

Total Rail Network: 12.466

High Speed Lines: 1.196

The standard gauge of the track is 1435 mm on all the network.



95% of the network being at 22.5 axle pressure standard.





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DOMESTIC BLOCK FREIGHT TRAIN OPERATIONS



PREVIOUS SYSTEM

Delivery Time : 15 days
Commercial speed : 5 p/h

NEW SYSTEM

Delivery Time : 5 days
Commercial speed : 25 p/h





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INTERNATIONAL BLOCK CONTAINER TRAIN OPERATIONS



%95 of international railway services are being realised through Block Train Operations.

135 domestic and 14 international block freight trains are operated on a daily basis.

Block Train: Port of Tekirdağ- Europe (Sopron)



- Two round-trip journeys in a week between Tekirdağ and Sopron
- In Sopron, cargo are being distributed various locations (Post-haulage operations)

Block Train: Çerkezköy- Europe (Sopron)



- Two round-trip journeys in a week between Çerkezköy and Sopron
- In Sopron, cargo are being distributed to various locations in Germany (Post-haulage operations)

Kosekoy-Tehran-Almaty Container Block Train

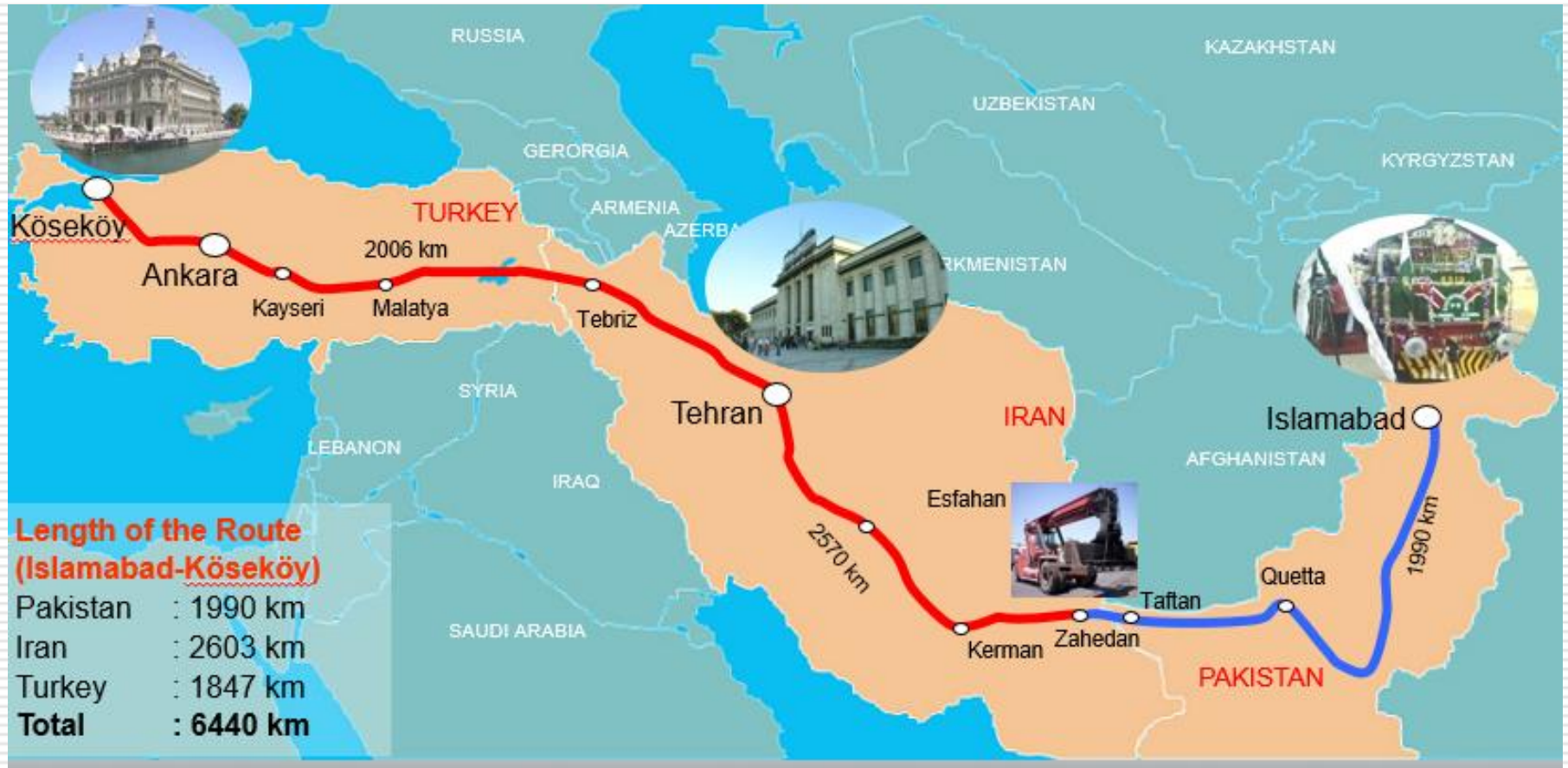
Length of the Route (Istanbul-Almaty)

Turkey	: 1847 km
Iran	: 2016 km
Turkmenistan	: 449 km
Uzbekistan	: 732 km
Kyrgyzstan	: 6 km
Kazakhstan	: 956 km
Total	: 6006km



- The line initiated by Economic Cooperation Organisation (ECO) in 2002.
- The main cargo types transported on this corridor are: construction materials, cleaning supplies, electronic durables.

Kosekoy-Tehran-Islamabad Container Block Train



- Test train departed from Islamabad in August 2009 and it took 13 days to arrive in Istanbul.
- Total of 14 commercial trains operated on this corridor.
- Due to natural disaster occurred in Pakistan, relief materials like blankets, shelter houses, foodstuffs, diapers etc. were transported in 475 containers with 15 container block trains.

Cologne-Çerkezköy Semi-Trailer Block Train

- Special pocket wagons carrying semi-trailers. The whole journey takes five days.
- Two regular round-trips executed weekly.



-Total of 60 journeys made so far with 897 wagons carrying 1245 semi-trailers on this railway corridor.



THE RE-ORGANIZATION OF TURKISH STATE RAILWAYS

Turkish Railway Sector is now being liberalised taking into consideration relevant EU legislation. Turkish State Railway is split into two distinct Corporation. Explanatory chart is presented below.

MINISTRY OF TRANSPORT, MARITIME AFFAIRS AND COMMUNICATIONS

Regulatory and Enforcement Authority
DG for RAILWAYS
(Safety, Access to the Market and competition)

Independent Inspection and Advisory Unit
**ACCIDENT INVESTIGATION AND ve
INSPECTION COUNCIL**
(Road, Rail, Maritime, Air)

Infrastructure Manager:
**TURKISH STATE RAILWAYS
(TCDD)**
Owner: State

Railway Undertaking:
TCDD TRANSPORT CORPORATION
Owner: State

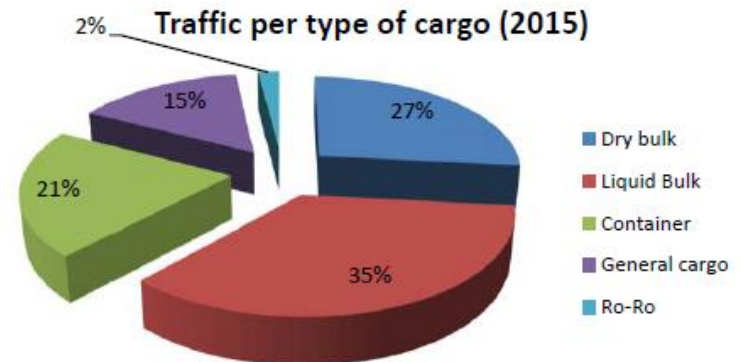
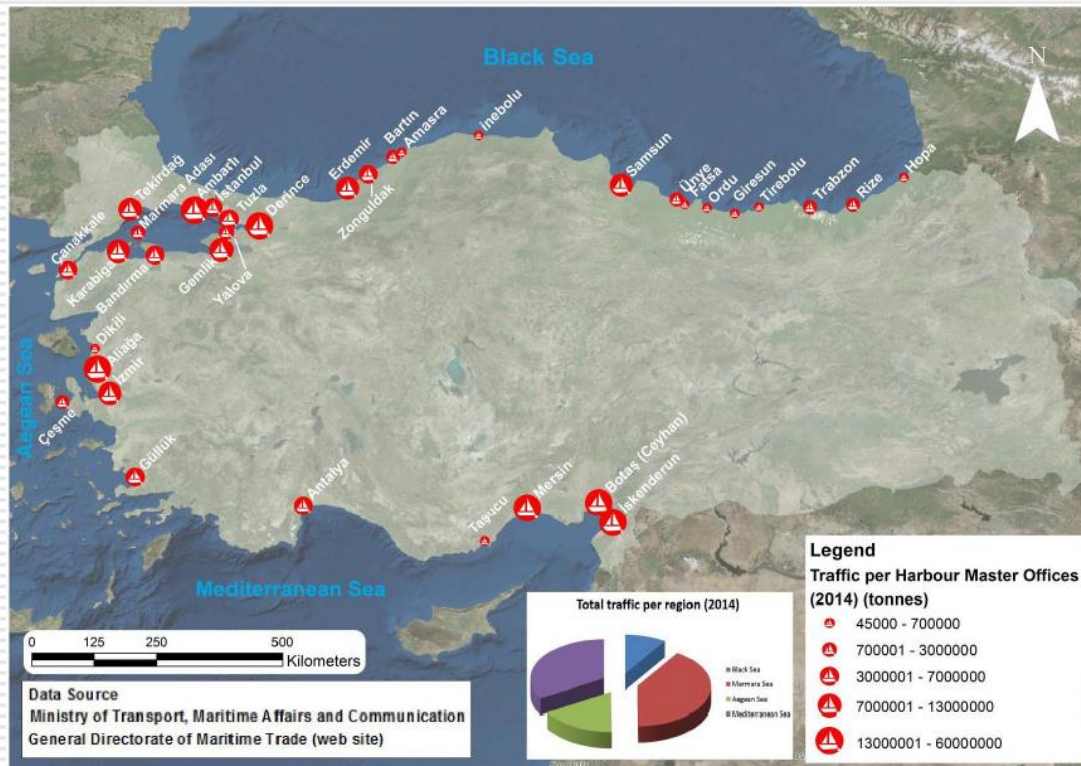
Railway Undertakings:
**RAILWAY TRANSPORT
COMPANIES**
Owner: Private Sector



MARITIME TRANSPORT



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



INTERMODAL TRANSPORT IN TURKEY

FACTS AND FIGURES



- Dominant road transport sector with a share of 75% in domestic transport and 43% in international transport
- Regular International Ro-Ro Lines to Italy, France, Russia, Romania, Ukraine, Regular Domestic Ro-Ro line in Marmara Sea



- Use of Ro-La by Turkish Trucks in Corridor IV and Corridor X (through Hungary, Austria, Slovenia, Germany)
- No Ro-La in domestic transport

- Block ContainerTrains (135 Domestic, 14 International per day),
- Rail Ferry services (Marmara Sea, Black Sea, Lake Van)



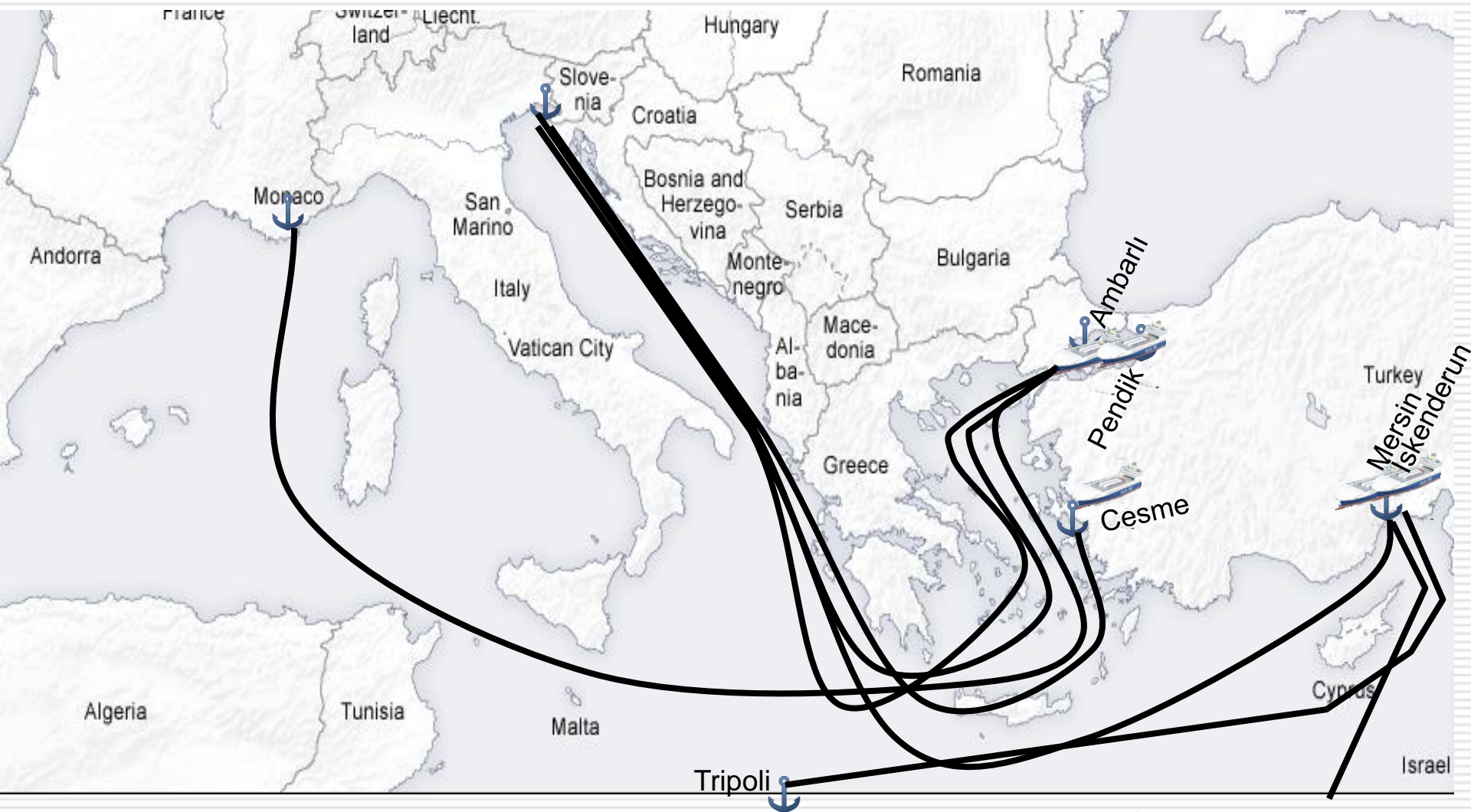
- Build of Logistics Centers (Located in 19 different regions)
- Privatised Ports, Private ports and new container ports to be constructed (Çandarlı-Nort Aegean Sea, Filyos-Western Black Sea, Mersin- Medditerranean)

- **General Directorate for Dangerous Goods and Combined Transport Established on 1st November 2011**



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RO-RO — — —

Ambarlı Mersin Çeşme Ambarlı Pendik Mersin Mersin Mersin Iskenderun
Toulon Trieste Trieste Trieste Trieste Alexandria Port Said Tripoli Port Said

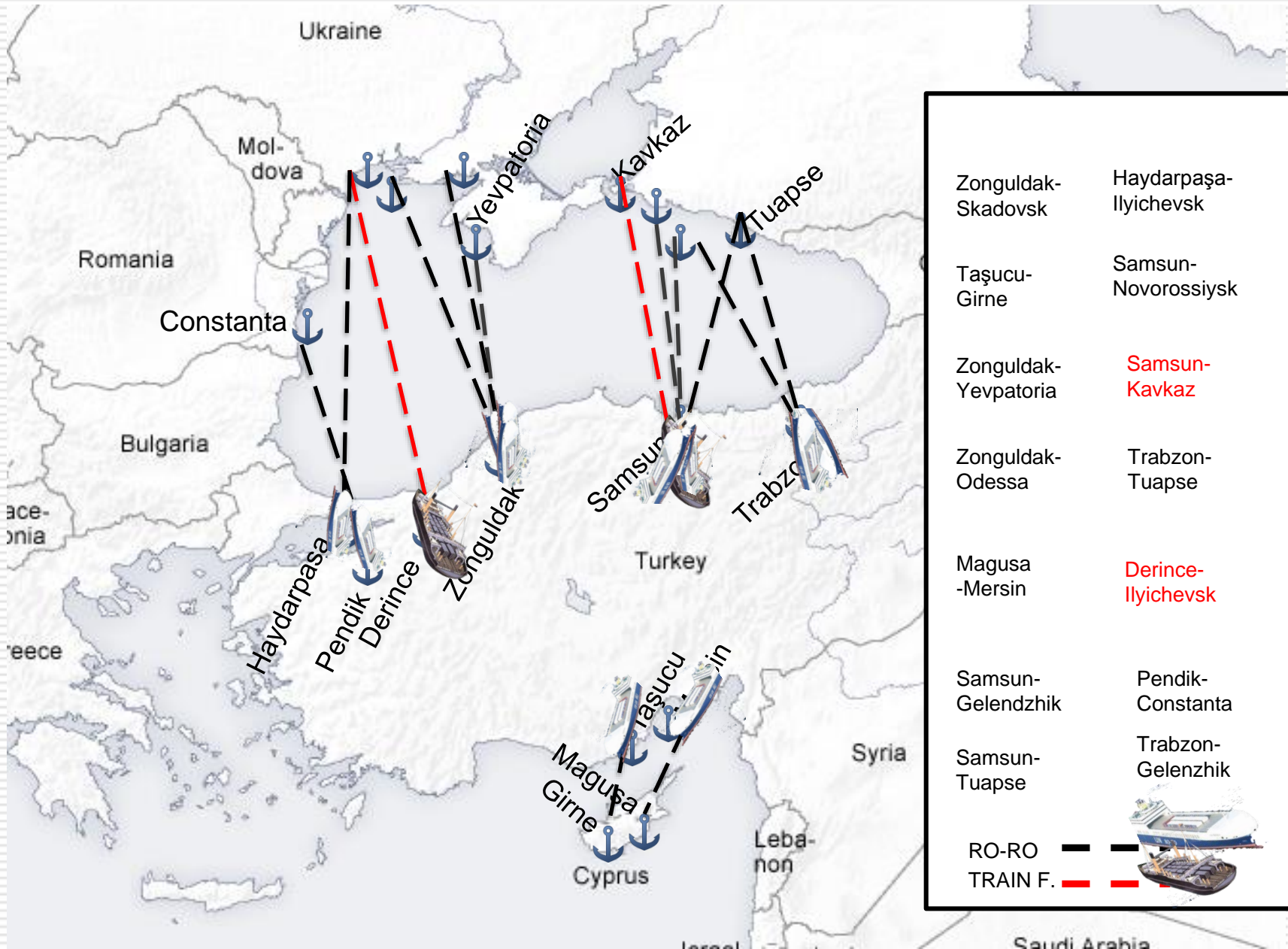
 Alexandria
 Port Said





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Zonguldak-Skadovsk	Haydarpaşa-Ilyichevsk
Taşucu-Girne	Samsun-Novorossiysk
Zonguldak-Yevpatoria	Samsun-Kavkaz
Zonguldak-Odessa	Trabzon-Tuapse
Magusa-Mersin	Derince-Ilyichevsk
Samsun-Gelendzhik	Pendik-Constanta
Samsun-Tuapse	Trabzon-Gelendzhik
RO-RO	
TRAIN F.	



Saudi Arabia

RO-RO LINES IN MIDDLE EAST REGION



NODAL POINTS/LOGISTICS CENTERS/INTERMODAL FREIGHT TERMINALS



Istanbul Strait Tube Tunnel Project (Marmaray Project)



Railway tracks in both sides of Istanbul Strait will be connected to each other through a railway tunnel connection under the Istanbul Strait.

This Project is one of the major transportation infrastructure projects in the world at present. The entire upgraded and new railway system will be approximately 76 km long.

This project will complete the missing link and connects China with London by providing uninterrupted railway journey together with Kars-Tbilisi-Baku Railway Project.





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THIRD BRIDGE ON ISTANBUL STRAIT (Yavuz Sultan Selim Bridge)



-Double track railway line which connects each side of Istanbul

- Railway passage on the bridge is directly linked to new railway trunk line all the way to Bulgarian Border to be built with EU funds.



- It is expected that congestion across the Strait will be eased and the missing link for railway is completed through land bridge.

KARS-TBILISI-BAKU RAILWAY PROJECT



High level commitment of 3 states
(Azerbaijan, Georgia and Turkey).

4 million tonnes freight volume per year

Inauguration of the line performed in 2017

CASPIAN SEA CROSSINGS



Tripartite Committee formed among Turkey, Azerbaijan and Turkmenistan in order to enhance intermodal operations in Caspian Sea.

Some measures put into force to facilitate road+maritime combined services:

- Transit costs for trucks passing through Azerbaijan cut in half,
- The fee for Baku-Turkmenbashi Ro-Ro operations reduced by %25

Still outstanding problems that need to be addressed and sorted out!! Such as;

- Transparent time table and regular Ro-Ro services (Shuttle services to be deployed)
- Additional discount on Ro-Ro fees so as to make the route competitive against alternative land corridors (Iran and Russia)
- Driver visa facilitation process and electronic pre-declaration system (for customs)
- Additional road permits, reduce in transit fees and customs simplification

DEVELOPMENT OF MULTI MODAL TRANSMODAL TRANSPORT ON TRANS-CASPIAN MIDDLE CORRIDOR



Development of Trans-Caspian Middle Corridor in Turkey

- The BTK Railway Project
- Marmaray and 3rd Istanbul Bridge
- Other Istanbul Strait Crossing Projects
- New line construction between Halkalı-Kapıkule
- Development of rail and road networks in east-west and north-south axes
- Improving railway connections of the ports
- Edirne-Kars High Speed Railway Project



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THANK YOU FOR YOUR ATTENTION

Bülent SÜLOĞLU

Head

**DG for Dangerous Goods and Combined Transport
Turkish Ministry of Transport, Maritime Affairs and
Communications**