

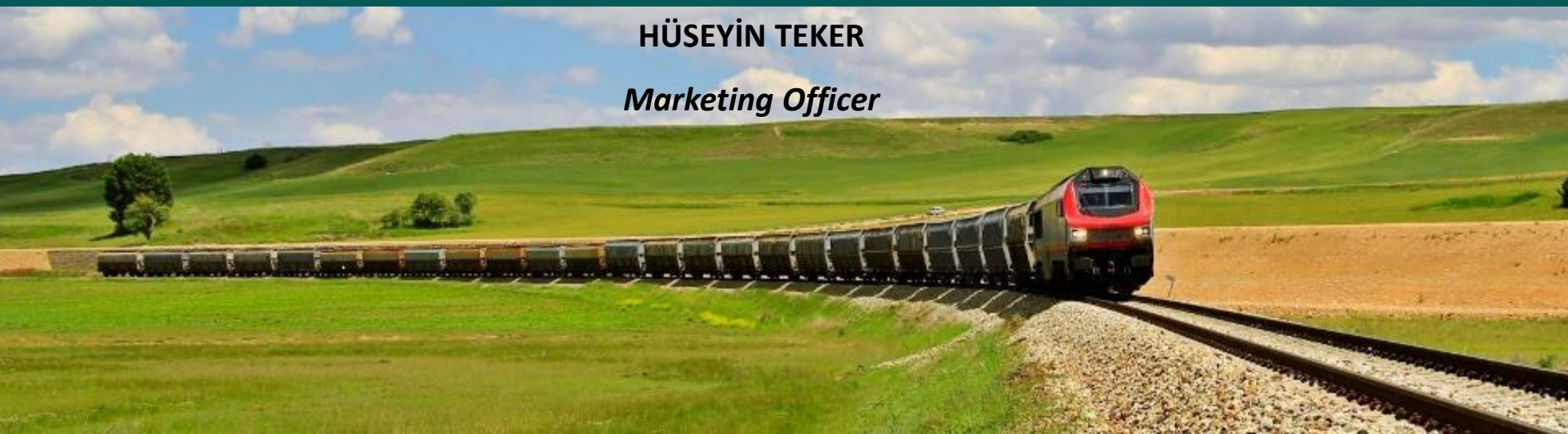


Baku – Tbilisi – Kars rail corridor from the Caspian Sea to Europe via Turkey

05-06 Sep. 2018, Dushanbe

HÜSEYİN TEKER

Marketing Officer



History of Operating

: New

161^{yl}

Establishment Date

: 01 May 2013

Registration and Effective Date

: 14 June 2016

With Investment and Operating Budget,

Activity Commencement Date

: 01 January 2017



Fields of Activity

- Passenger Train Operation
 - *HST (High Speed Train)*
 - *Commuter*
 - *Conventional Passenger*
- Freight Train and Logistics Service Operation
- Freight and Passenger Transportation by Ferry



Employment (Personnel)

3.1.1	General Directorate (Central)	:	366
3.1.2	Provincial Departments (Central)	:	425
3.1.3	Operational (provincial departments)	:	8.551
	<i>Train drivers</i>	:	<i>3.517</i>
	<i>Operational</i>	:	<i>1.743</i>
	<i>Maintenance</i>	:	<i>3.004</i>
	<i>Maintenance (temporary workers)</i>	:	<i>287</i>
3.1.4	<i>Others</i>		<i>1.124</i>
3.1.5	GENERAL TOTAL	:	10.466



Vehicles

Tractive Vehicles

LOCOMOTIVE / SET TYPE	Pcs
Shunting Locomotive	107
Diesel Mainline Locomotive	436
Electric Mainline Locomotive	125
TOTAL NUMBER OF LOCOS	668
Diesel Multiple Units(DMU)	88
Electric Multiple Units (EMU)	115
TOTAL NUMBER OF SETS	203
High Speed Train Set (YHT)	19

Hauled Vehicles

WAGON TYPE	pcs
Passenger Coach (TVS 317, M+K 261, 1 saloon 1 conference) RIC (Non-air conditioned) The wagons not used in train composition	580
Luggage wagon	25
Generator wagon	87
Adaptor wagon	5
TOTAL NUMBER OF PASSENGER COACHES	976
Luggage wagon(Das+Dy)	131
Freight wagon	18.196
TOTAL NUMBER OF FREIGHT WAGONS	18.327

Daily Traffic
(Train)

Passenger	757
<i>YHT</i>	<i>52</i>
<i>Conventional Mainline +Regional</i>	<i>216</i>
<i>Marmaray</i>	<i>333</i>
<i>Başkentray</i>	<i>156</i>
Freight	176

933 trains are operated daily.

Daily Transport

Passenger (person)	293.000
<i>YHT</i>	<i>20.000</i>
<i>Conventional Mainline +Regional</i>	<i>41.000</i>
<i>Marmaray</i>	<i>200.000</i>
<i>Başkentray</i>	<i>32.000</i>
Freight (ton)	80.000

Quantity (million tons)	2016	2017
Domestic	24,05	26,65
International	1,83	1,81
<i>Import</i>	<i>1,04</i>	<i>0,96</i>
<i>Export</i>	<i>0,78</i>	<i>0,85</i>
<i>Transit</i>	<i>0,07</i>	<i>0,09</i>
Total	25,89	28,47



Tracks	: 12.608 km	Terminal and stations	: 669
HSL	: 1.213 km	Terminals	: 113
Conventional	: 11.395 km	Stations	: 207
		Stops	: 349
Axle pressure	: 22,5 tons		
Max. train length	: 500 m		



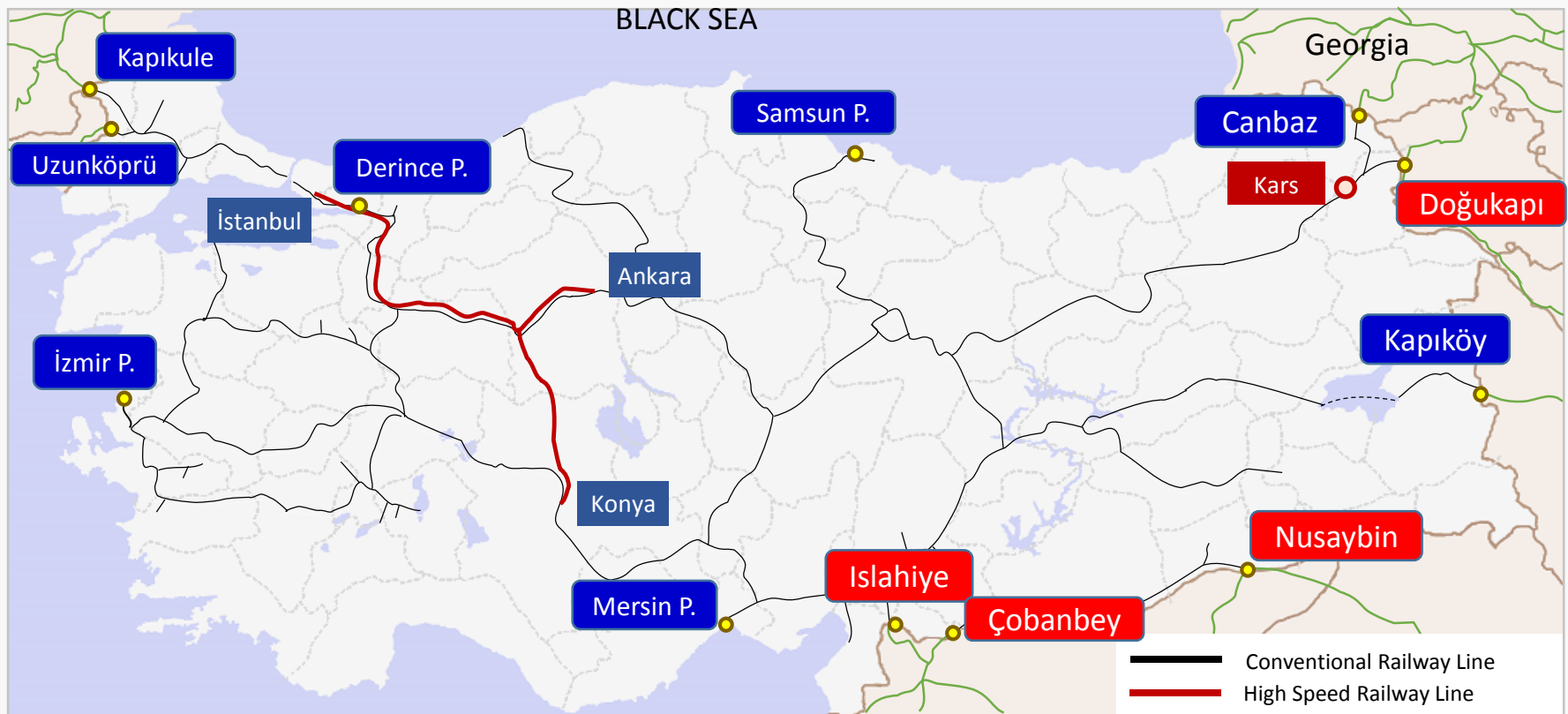
Transportation is performed on **12.608km** railway line.

Electrification



- Electrified lines (25 kv 50 Hz)
- The Lines being electrified

- Bulgaria : Kapıkule – Svilengrad
- Greece : Uzunköprü - Python
- Iran : Kapıköy – Razi
- Georgia : Canbaz -Kartsakhi
- Syria : Nusaybin-Kamışlı, İslahiye-Meydanekbez, Çobanbey (Closed)
- Armenia : Doğukapı – Ahuryan (Closed)



Our Company performs international freight transportation by CIM consignment note.

Also, Article 84 of Customs Law No. 4458 stipulates the use of **CIM Consignment Note** for railway transportation of customs-bonded goods.

To be completed by the consignor
 To be completed by the consignee
 To be completed by the carrier
 To be completed by the customs
 To be completed by the consignee

Mark the box with a cross (X) in the appropriate
 Boxes where 20, 21, 22, 23, 24, 25, 26

Form No. 3370/1

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177. Consignor's name

Total number of ports: 191 pcs

Public ports : 14 pcs

Municipal ports : 20 pcs

Private ports : 157 pcs

Public ports(2 pcs) : 3,3 km

Tekirdağ TDi Port : 1,6 km

Zonguldak TTK Port : 1,7 km

TCDD Ports (2 pcs) : 7,8 km

Haydarpaşa Port : 2,5 km

İzmir Port : 5,3 km

Private Ports(9 pcs) : 65,7 km

Bandırma Port : 5,1 km

Mersin Port : 13,8 km

Samsun Port : 14,6 km

İskenderun Port (Limak): 19,0 km

Derince Port : 7,5 km

Zonguldak Eren Port : 0,8 km

İsdemir (Payas) : 3,0 km

Evyap Port : 1,9 km

Derince POAŞ Terminal: (no transport)



2 Public Ports, 2 TCDD Ports and 9 Private Ports have railway connection.



Logistics centers are being built to increase the transportation volume and storage areas.

9 logistics centres put into operation: Samsun (Gelemen), Uşak, Denizli (Kaklık), İzmit (Köseköy), Eskişehir (Hasanbey), Halkalı, Balıkesir (Gökköy), Kahramanmaraş (Türkoğlu) ve Mersin (Yenice)



Train ferries are operated between Derince and Tekirdağ in order to perform freight transportation between Europe and Asia.



Marmaray Tunnel opened on 30 October 2013. 200.000 passengers are transported daily by metro in İstanbul.

The passage of freight trains will be provided at the end of 2019.



3rd Bosphorus Bridge opened for highway vehicle traffic on 26 August 2016 (Istanbul)

The passage of freight trains will be provided in 2022.

TCDD Taşımacılık – TUDEMSAŞ National Wagon (TUDEMSAŞ is one of subsidiary of TCDD)

- 150 unit Sg type national wagons were taken over in 2017;
- All of these national wagons included in our fleet have been operated on our block trains between Istanbul and Europe (Duisburg, Wien) since [12.01.2018](#).
- In addition TUDEMSAŞ will produce bogie changeable wagons for BTK corridor.



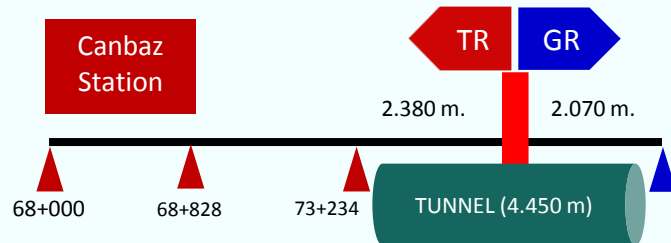


BTK Railway Line was put into operation on 30 October 2017.

The border crossing procedures are carried out within the scope of the simplified method for the transports to the selected station on Baku-Tbilisi-Kars Railway Line which was commissioned in October 2017.

BAKU-TBILISI-KARS RAILWAY LINE

Route



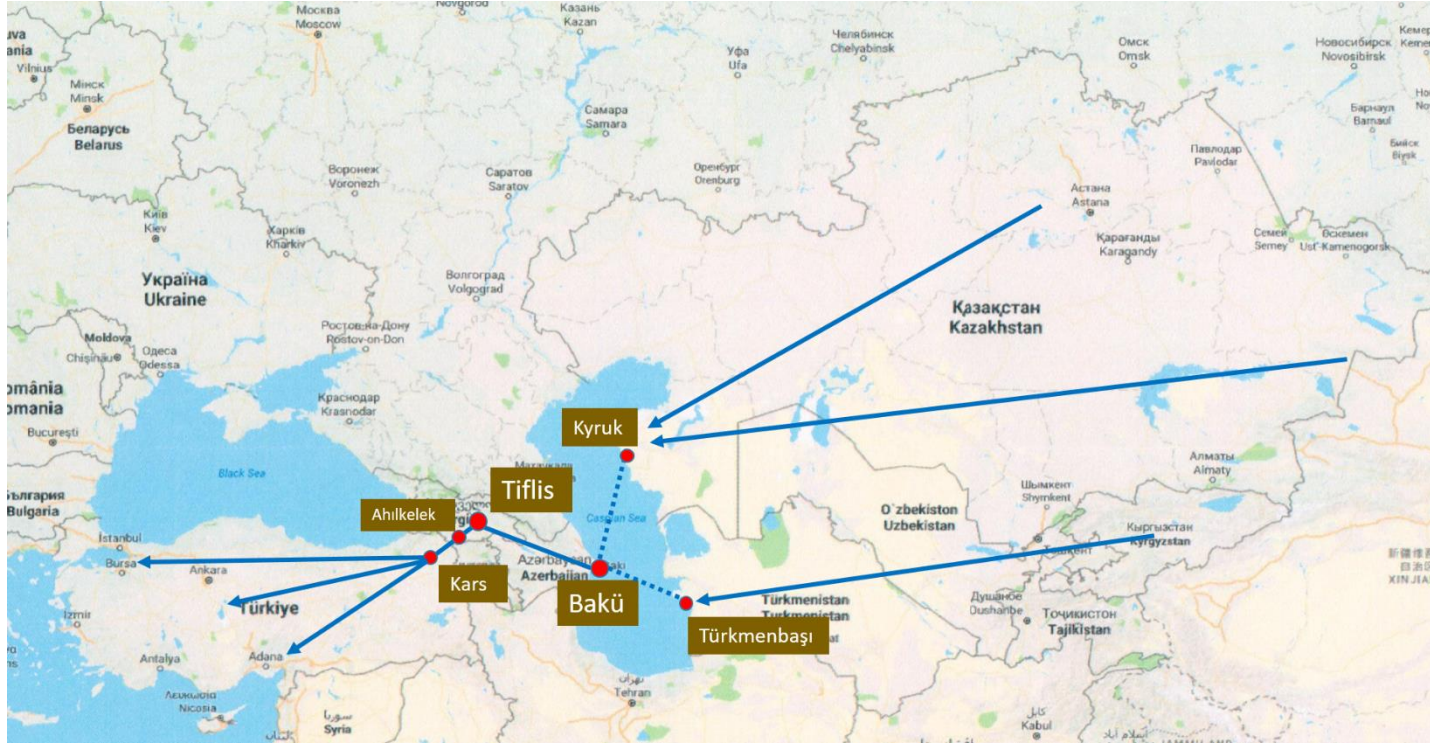
Project route:

Turkey	:	Kars - Canbaz	:	79 km	(new line)
Georgia	:	Kartsakhi - Ahılkelek	:	29 km	(new line)
	:	Ahılkelek – Tbilisi (Marabda)	:	160 km	(current line rehabilitation)
	:	Tbilisi - Gardabani	:	70 km	(current line)
Azerbaijan	:	Büyük Kesik - Baku	:	504 km	(current line)
	:	Total	:	841 km	



(Alat-Baku : 82 km)

Transportation on Baku-Tbilisi-Kars (BTK) Line



- Only block trains are operated on BTK Line currently.
- At the first stage, only container cargo is accepted to be transported until the bulk cargo areas in Akhalkalaki Station get ready while just palletized cargo is accepted for the transports with conventional wagons.
- Since the bogie exchange station in Akhalkalaki isn't ready yet, bogies of wagons aren't be changed and cargoes are transported by transshipment at the first stage.
- When the bogie exchange station is ready, bogies of the wagons with suitable gauge will be changed and they will go on Turkey route accordingly.

Distance
(km)

Kokshetau - Mersin	4.700
Mersin - Baku	2.098
Kostenai - Mersin	4.300
Aktau - Mersin	4.000



- Details of first train on BTK rail route:
 - A total distance of 4,700km between Kokshetau and Mersin: 180 hours
 - Covering the route between Baku and Mersin before the envisaged period of time: 75 h.
 - Distance between Akhalkalaki and Mersin: 32 hours
- 1 train is operated reciprocally on the route of Turkey-Azerbaijan-Kazakhstan weekly.
- Cereals, containers, wheat and feed are transported from Kazakhstan to our country while soybean meals, construction materials and containers are transported from our country to Baku and Almaty.
- Totally 50.000 tons has been transported in 1.200 wagons by 80 train journeys in 2017 .

GERMANY (Hamburg) - CHINA (Çuntsin) BTK Rail Route:

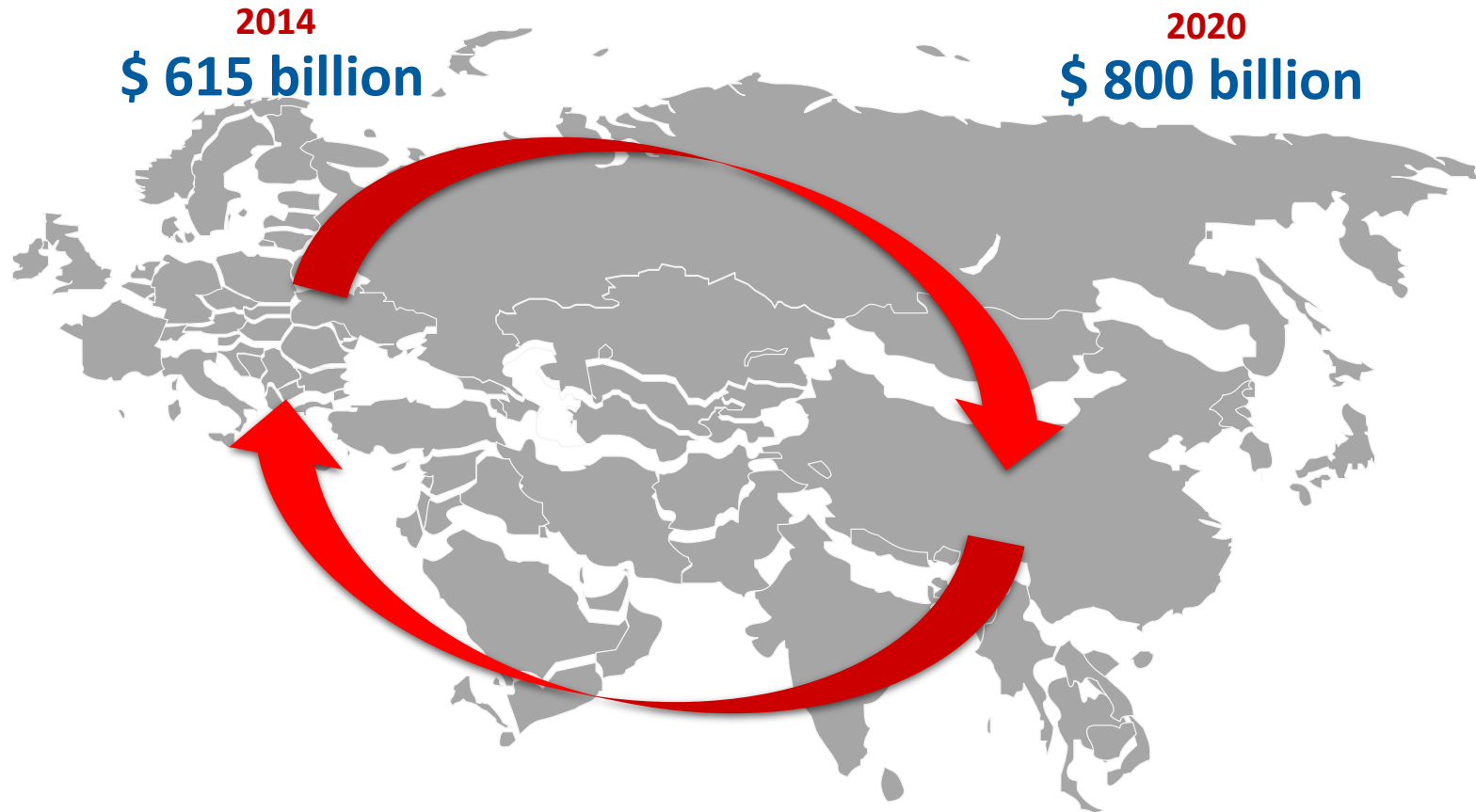
Route (Country)	Km.	Single/Double Track	Electric/Diesel	Gauge
Germany	846	Double track	Electric	1435 mm.
Austria	372	Double track	Electric	1435 mm.
Hungary	440	Single and Double tracks	Electric	1435 mm.
Romania	634	Single and Double tracks	Electric and Diesel	1435 mm.
Bulgaria	406	Single and Double tracks	Electric and Diesel	1435 mm.
TURKEY	2034	Single and Double tracks	Electric and Diesel	1435 mm.
Georgia	259	Single and Double tracks	Electric	1520 mm.
Azerbaijan	421	Double track	Electric	1520 mm.
Caspian Sea	468	Ferryboat (Alat – Aktau)		
Kazakhstan	3095	Single and Double tracks	Electric and Diesel	1520 mm.
China	3777	Single and Double tracks	Electric and Diesel	1435 mm.
Total	12752			

	2015			2017		
	Import	Export	Total	Import	Export	Total
Georgia	262.918	947.099	1.210.017	174.960	1.074.421	1.249.381
Azerbaijan	191.228	661.840	853.068	319.532	573.651	893.183
Turkmenistan	394.939	578.837	973.776	310.883	383.085	693.968
Kazakhstan	853.662	150.002	1.003.664	968.739	159.730	1.128.469
Kyrgyzstan	28.694	34.964	63.658	25.623	34.108	59.731
Uzbekistan	191.485	127.558	319.043	265.326	176.450	441.776
Tajikstan	111.948	56.406	168.354	93.316	55.494	148.810
Afghanistan	1.831	47.129	48.960	3.646	4.829	8.475
China	6.889.768	6.102.104	12.991.872	4.988.537	7.764.869	12.753.406
Total (tons)	8.926.473	8.705.939	17.632.412	7.150.652	10.226.637	17.377.199

Total trade volume is 17 million tons between Turkey and Regional Countries.

However, 73,4% of this volume is trading between Turkey and China by sea.

For this reason in a short-term, it is aimed to transport 1 million tons cargo through BTK corridor until Marmaray and 3rd İstanbul Bridge will be opened to freight trains.



The European Union and China are two of the biggest traders in the world.

The volume of cargo between China and Europe is over 200 million tons.

China's trade with Europe exceeds 600 billion dollars in total.

In the trade of China to Europe, Germany, the Netherlands, Austria, Italy and France are on the first rank.

While electronic and electrical goods, textiles, furniture and auto parts from China to Europe are exported intensively, mining products and intermediate goods are imported.

In the export of China to Europe, the first two countries with a total of 140 billion dollars are Germany and the Netherlands. Germany still takes the lead in the imports. The biggest factor in this is the fact that China uses Hamburg and Rotterdam ports mainly for exports and imports to Europe.

In 2014, 2.5 million containers were transported to and from China at Hamburg Port. One of every three containers in Hamburg Harbor is to and from China.



Hamburg Port



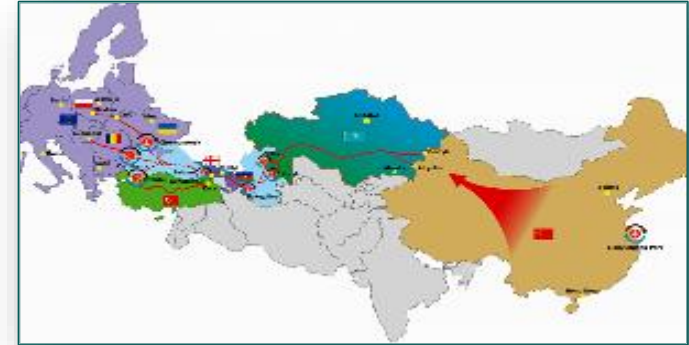
Rotterdam Port

International Assc. "Trans-Caspian International Transport Route"

TCDD Transportation Company was accepted as permanent member in the General Meeting held in Ankara on 15-16 February 2018.

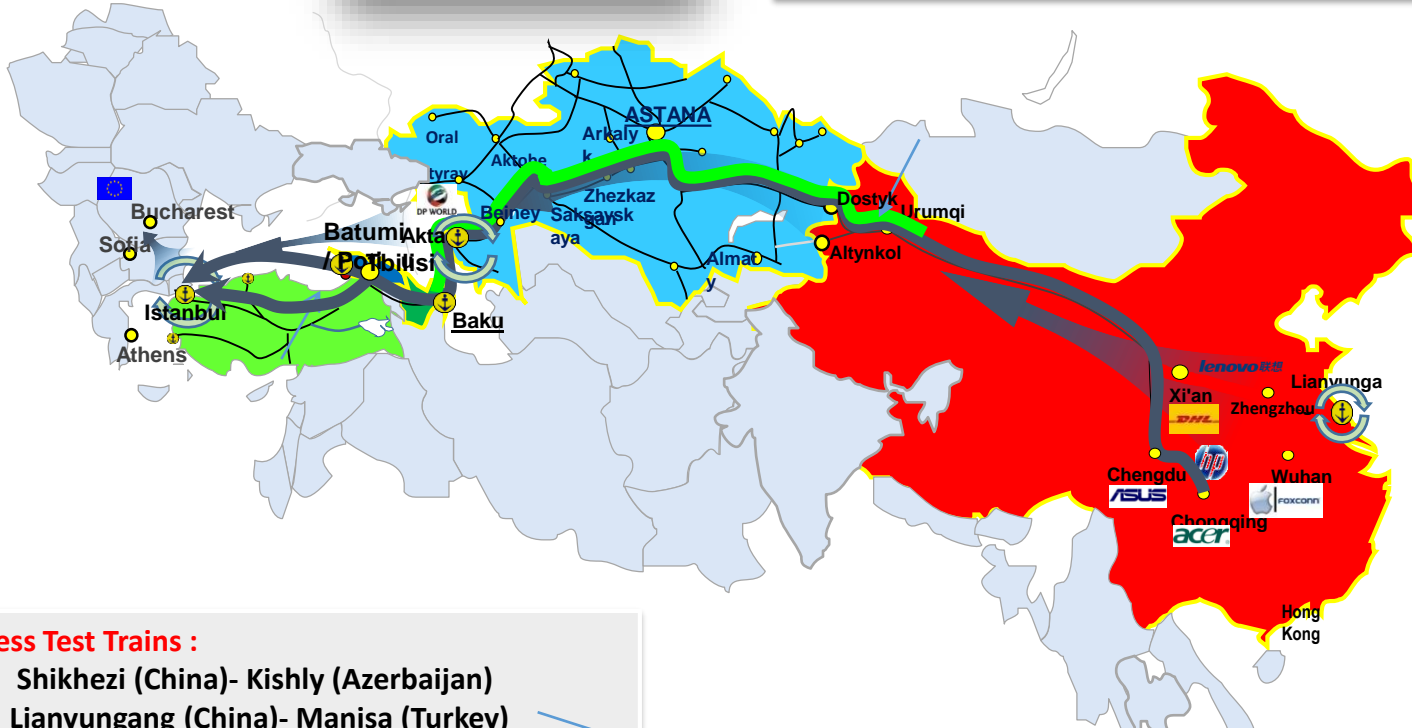
The aim of the Association is to:

- Revive the Historical Silk Road as «*iron silk road*»
- Attract transit and foreign commercial cargo,
- Develop integrated logistics products,
- Apply an effective tariff policy; optimize the costs and reduce the integrated service fee,
- Develop an integrated solution (technology) for the transport period,
- Increase competitiveness compared to alternative routes
- Simply the transport procedures and reduce the administrative barriers related to border crossings and customs procedures.





The first train was launched on 28 July 2015 between Shikhezi (China) and Kishly (Azerbaijan).
Operator: «KTZ Express» JSC



NOMAD Express Test Trains :

28.08.2015 Shikhezi (China)- Kishly (Azerbaijan)
29.11.2015 Lianyungang (China)- Manisa (Turkey)
15.01.2016 Ilychevsk(Ukrain)- Dostyk (Kazakhstan)
08.06.2017 Lianyungang (China)- Istanbul (Turkey)

In China-Çin-Caucasia-Turkey Railway Traffic;

It is foreseen to transport

90.000 TEU in 2018,
180.000 TEU in 2019,
300.000 TEU in 2020.

On November 29, 2015, the first train was shipped from China on the TITR route, which includes two transit routes to the Caspian Sea and the Black Sea, within the scope of memorandum of understanding signed between Kazakhstan Railways (KTZ Express) and DHL Global Forwarding to strengthen railway links between Europe and China via Kazakhstan. 21 containers loaded from Lianyungang city of China were stayed for 4 days in Aktau Port due to bad weather conditions, then transferred first to the Porti Port and then to road, **transported to Manisa in 18 days** in total. Under normal circumstances, it was planned to transport to Istanbul in 14 days.

Hüseyin TEKER
Marketing Officer



Eco Friendly Transport
Çevre Dostu Tařımacılık

Thank you...