



UNECE Trans-European Railway Project



TER transport corridors in the BSEC region

Third Expert Group Meeting and Inter-regional Workshop on
Developing Euro-Asian Transport Links

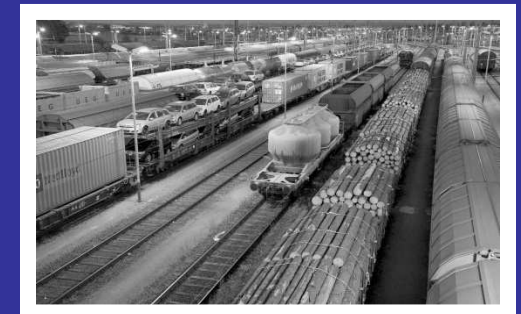
11 – 13 November 2009, Istanbul, Turkey
Helmut Meelich

Corridors



TER Master Plan main results

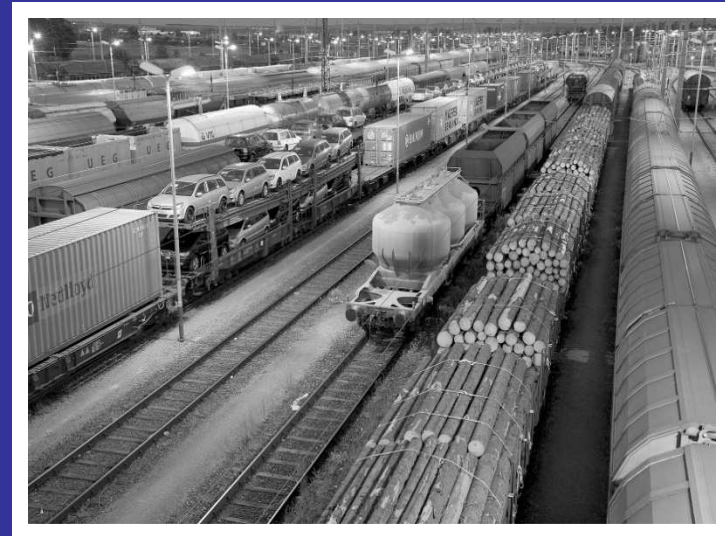
- Methodological framework for prioritisation
- TER Master Plan Backbone Network
- Priority projects for implementation up to 2020
- Cost estimates and available finance
- Border crossing problems and ameliorative actions
- Impacts of the EU Railway infrastructure
- GIS background work





Main Recommendations

- Ensure the necessary follow-up of the work
- Complete missing or insufficient data
- Regularly update the Backbone Network
- Monitor the implementation
- Present status of Backbone Network (2010 - 2015 - 2020)
- Review 2008 - 2010





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www.unece.org/trans

**Corridors
Or
Network**



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- Corridor Baltic-Black Sea

Europe

Turkey

- Corridor IV.

Europe

Turkey

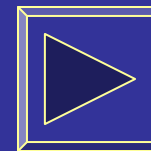
- Corridor

Europe

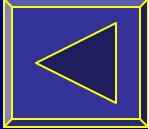
Turkey

**Infrastructure bottlenecks
and missing links**

Transport Developments



Corridor Baltic-Black Sea



1. *Ystad (Sweden)*

2. **Szczecin**

3. **Wroclaw**

4. **Ostrava**

5. **Zilina**

6. **Kosice**

7. **Cop**

8. **Halmeu**

9. **Cluj**

10. **Constanta**

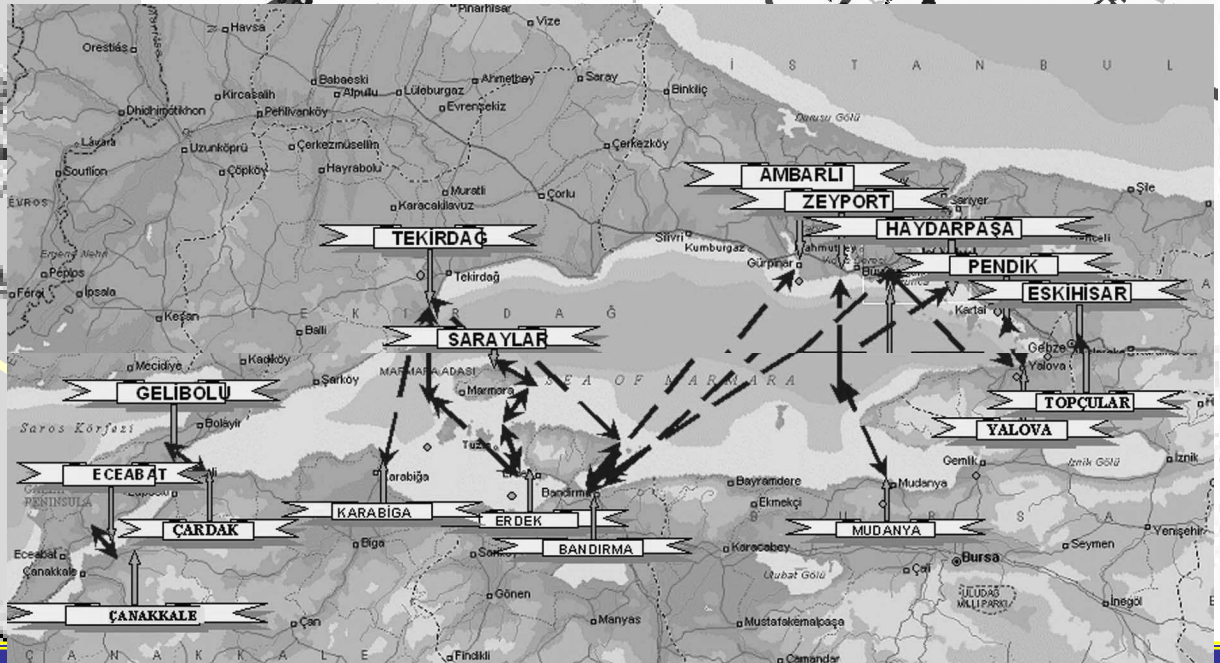
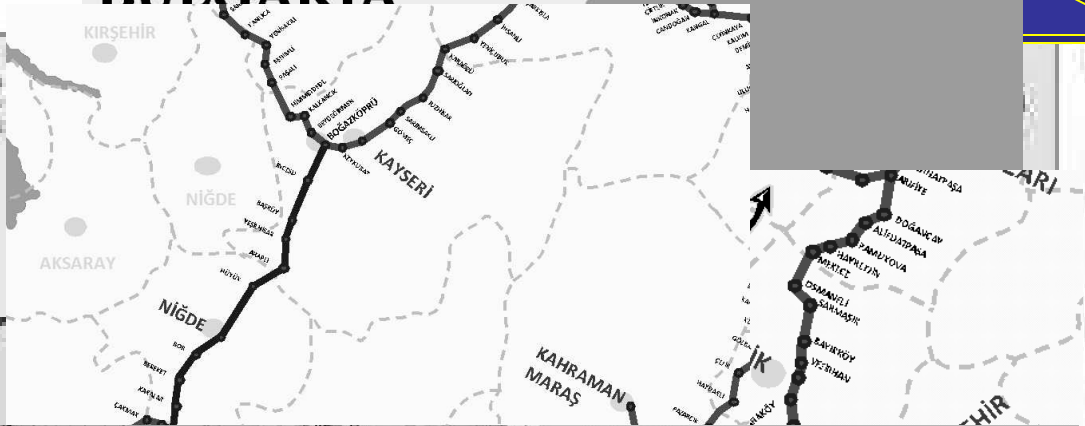
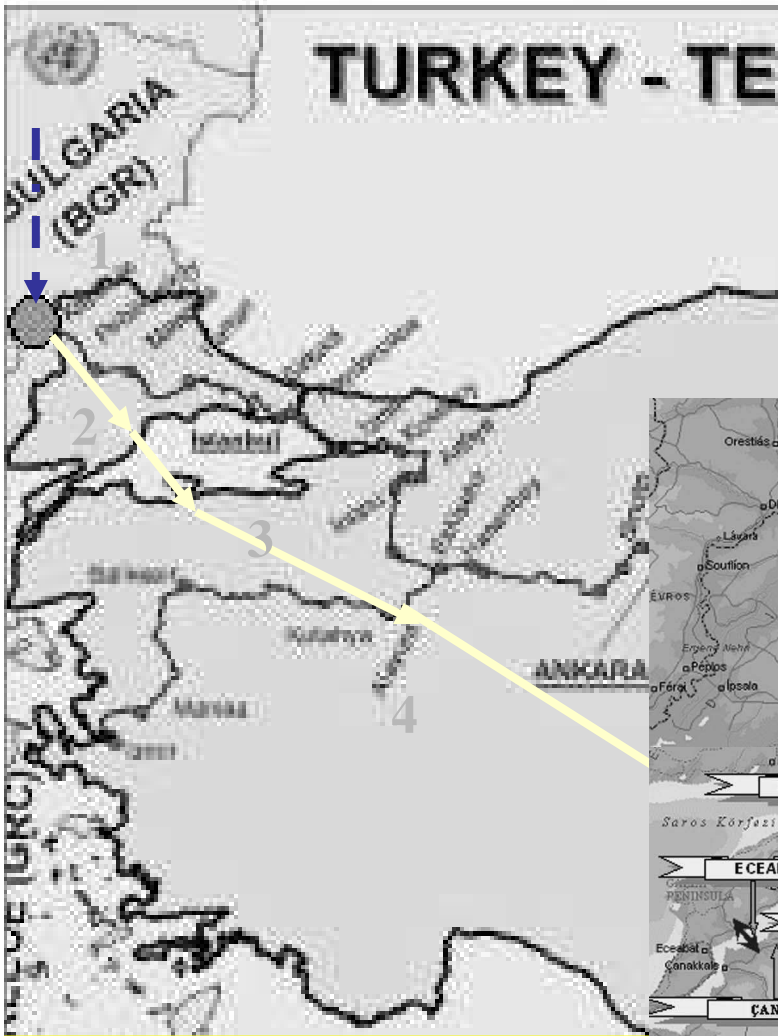
10a. **Sofia/Greece**

10b. **Bucharest/Kapikule**

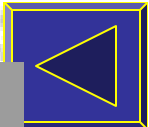
Turkey



TRIGARIA



Corridor: *Bucharest, Russe* – 1. Kapikule – 2. Tekirdag – 3. Bandirma – 4. Afyon – 5. Yenice – 6. Fefzipasa /Syrian border





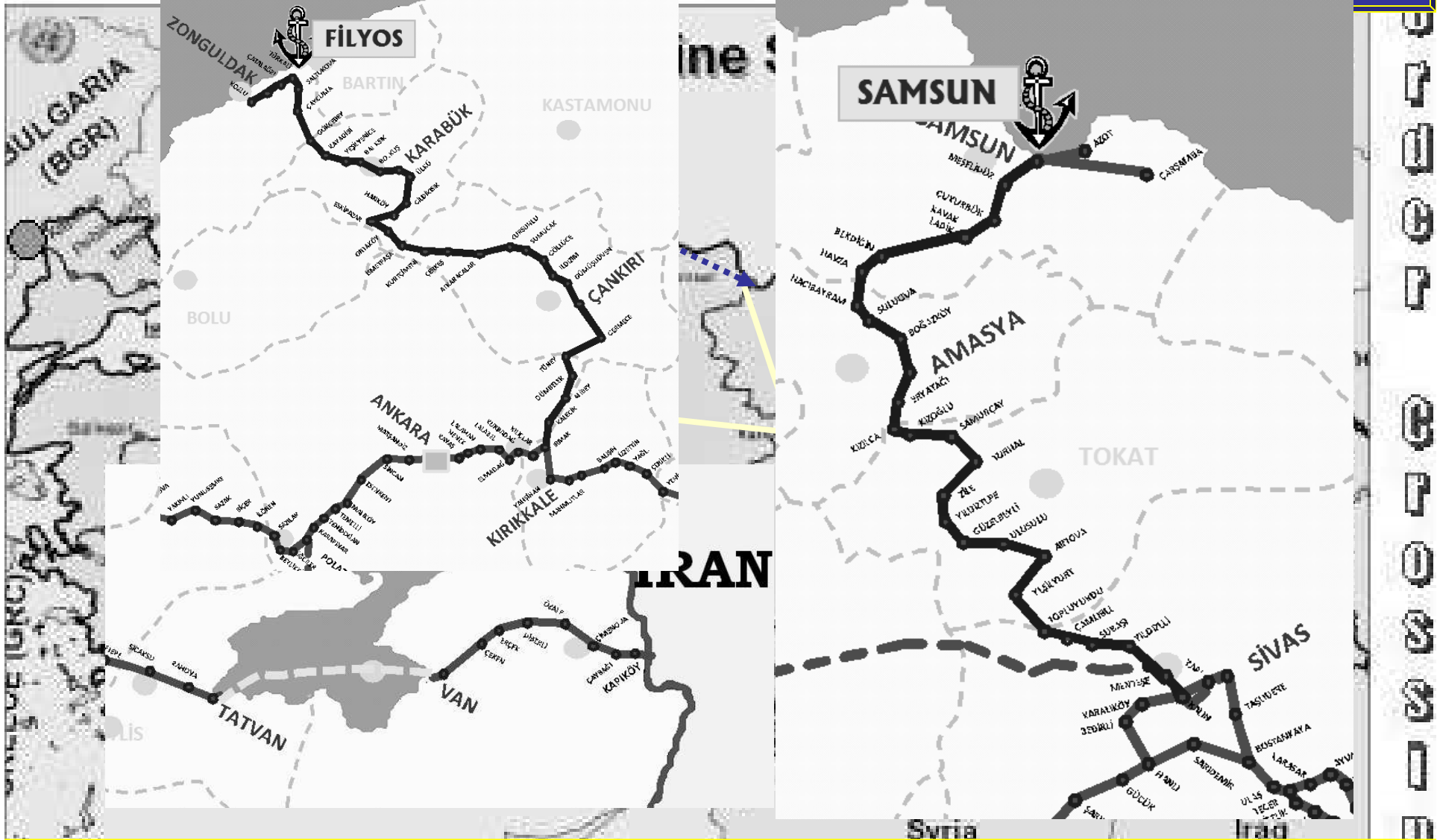
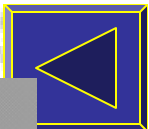
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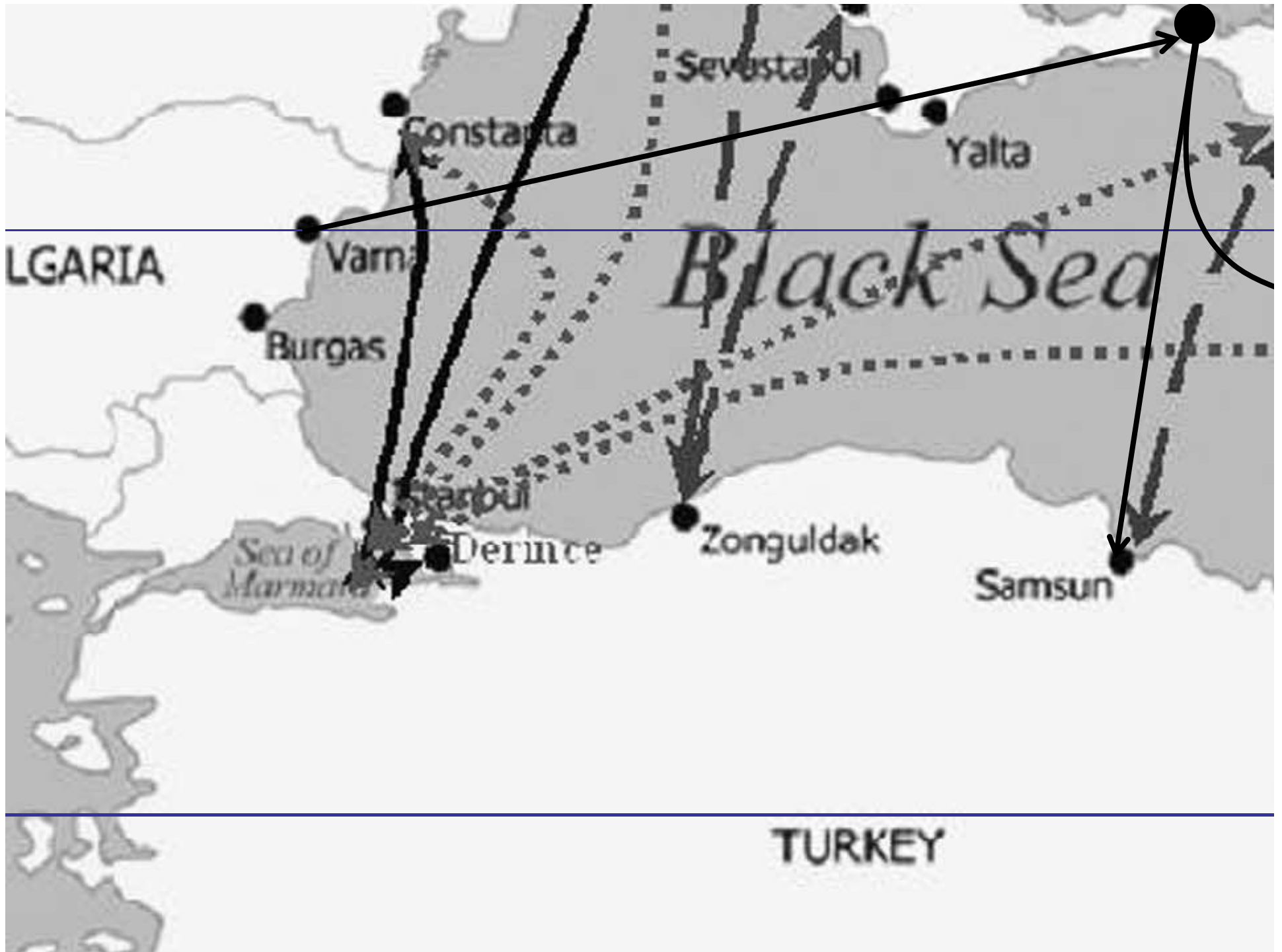
Corridor IV.

1. Prague
2. Bratislava
3. Budapest
4. Bucharest
5. Samsun
6. Kapikoy (Iran border)

Turkey

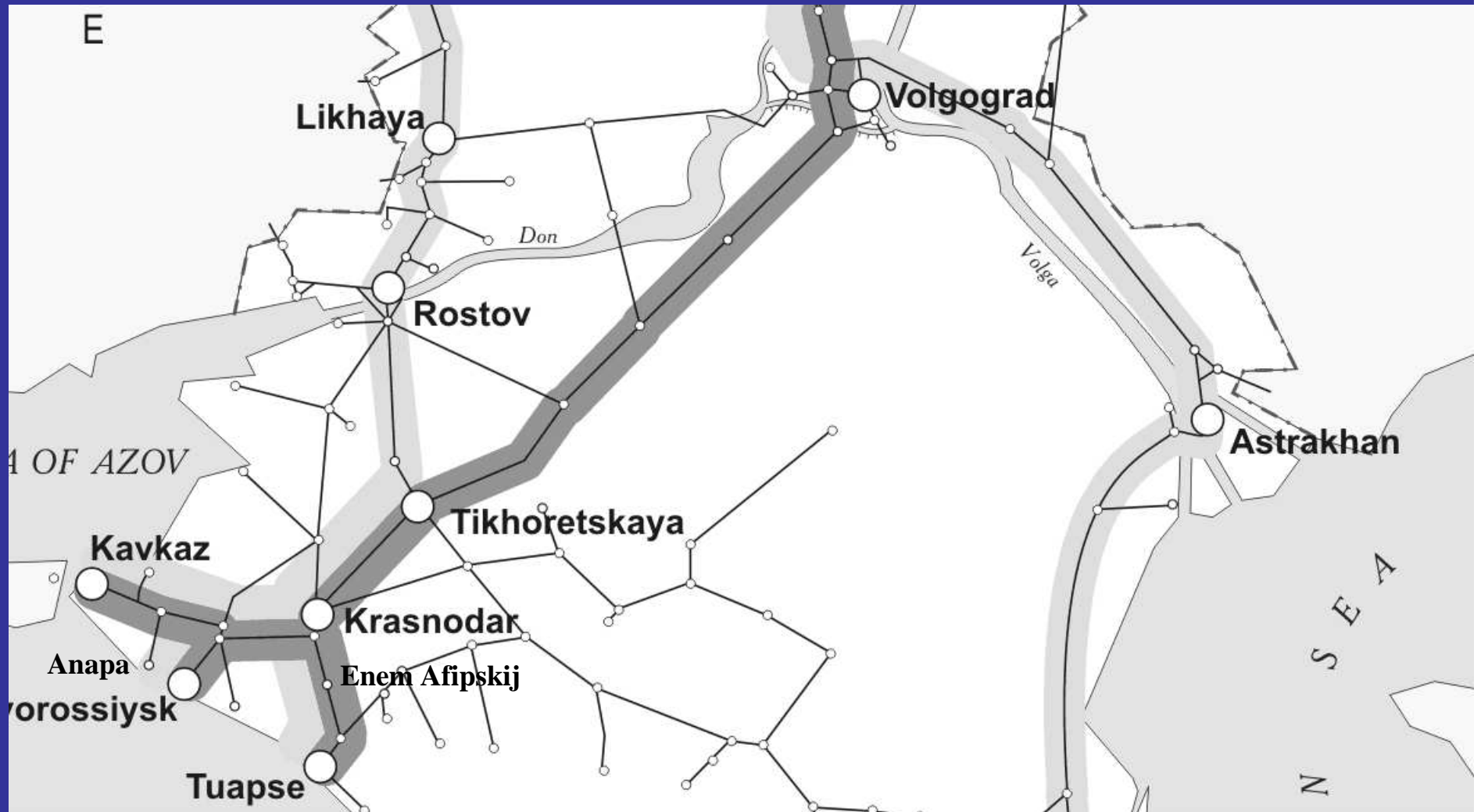


Corridor IV: Constanza, ferry boat to 1. Zonguldak – 2. Irmak – 3. Kapikoy (Iran border)



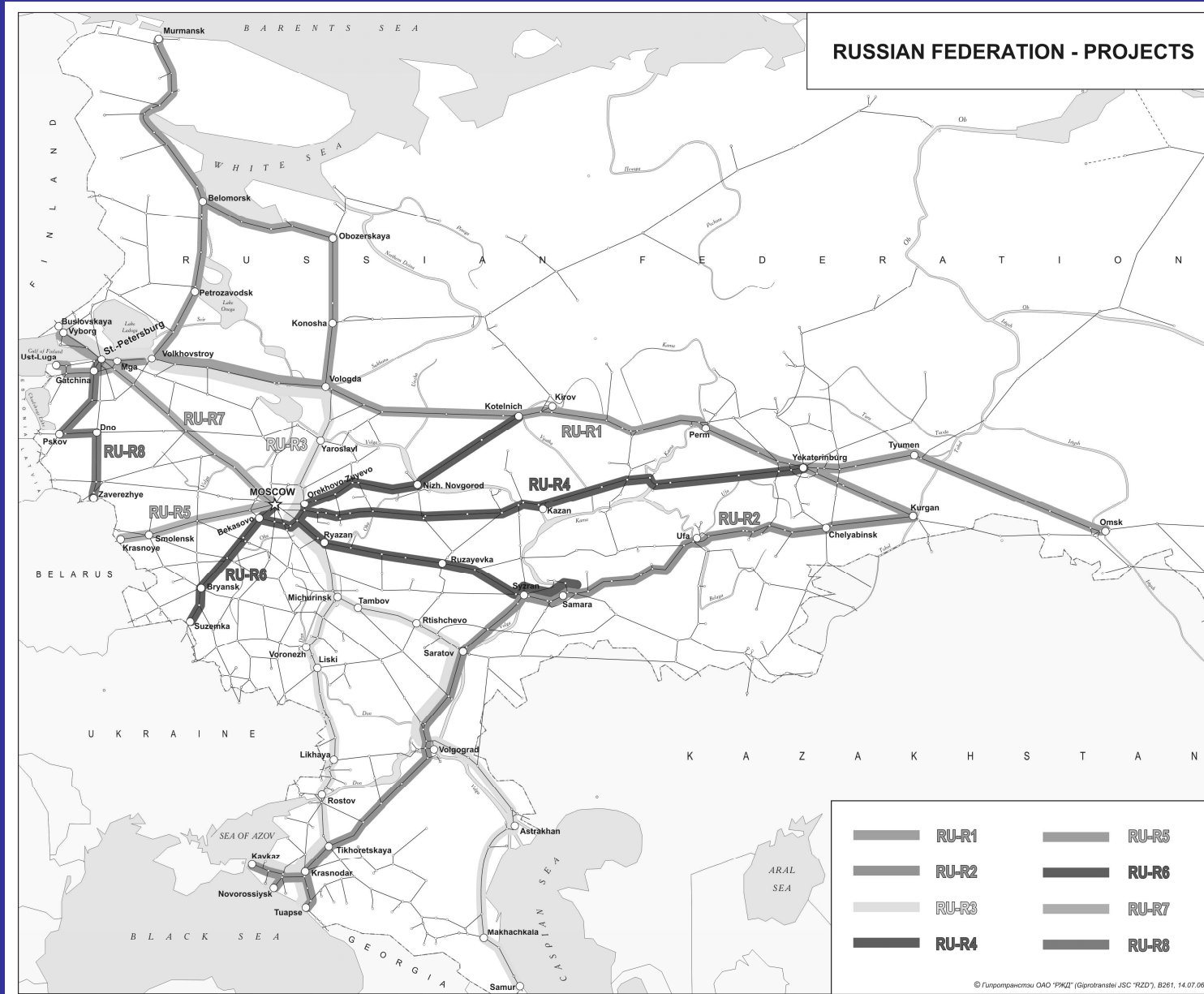


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Ural-South				
Kurgan-Dyoma	749	749	Automatic block system	Electric power
Dyoma-Samara	502	502	Automatic block system	Electric power
Samara-Syzran	147	147	Automatic block system	Electric power
Syzran-Volgograd	734	734	Automatic block system	Electric power
Volgograd-Krasnodar	656	72,7	Automatic block system, Traffic controller centralization	Electric power
Krasnodar-Tuapse	146	27,1	Automatic block system	Electric power
Krasnodar-Kavkaz	250	8,1	Half-automatic block system, Automatic block system, Traffic controller centralization	Heat power, Electric power
Krymskaya-Novorossiisk	49	49	Automatic block system	Electric power

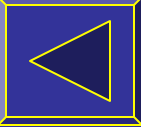


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R-2	Ural – South --- Samara --- Tikhoretskaya ---, Tuapse, .	1. Electrification of (Kashpir) – Gromovo passage with the construction of second backbone	2006	8511,6 (prices as of 2006)
		2. Construction of by-road around junction	2010- 2015	3580 (prices as of 2006)
		3. Construction of side track in – Petrov Val passage ()	2010	5219,5 (prices as of 2006)
		4. Construction of side track in the passage – Tikhoretskaya ()	2010 2015	23551,0 (prices as of 2006)
		5. Construction of side track in the passage Tikhoretskaya – Korenovsk ()	2010 2015	3360,2 (prices as of 2006)
		6. Construction of side track in the passage Enem – Krivenkovskaya ()	2010 2010	700,0 (prices as of 2006)
		7. Construction of side track in the passage Timashevskaya – Krimskaya ()	2010- 2015	6768,0 (prices as of 2006)
		8. Construction of side track in the passage Enem (Afipskaya) – Krimskaya ()	2015 2010	1380 (prices as of 2006)
		9. Complex reconstruction of 9km - Yurovskiy - Anapa – Temruk passage		10850,9 (prices as of 2006)
		10. Construction of by-road around junction		7580 (prices as of 2006)
		11. Construction of a new station Razyezd		4000,0 (prices as of 2006)



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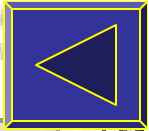


Corridor

1. *Basel (CH)*
2. *Buchs*
3. *Tauerntunnel*
4. *Ljubljana*
5. *Zagreb*
6. *Beograd*
7. *Sofia*
8. *Istanbul*
9. *Ankara*
10. *Kars*
11. *Tbilisi/Yerevan*
12. *Baku*

Turkey

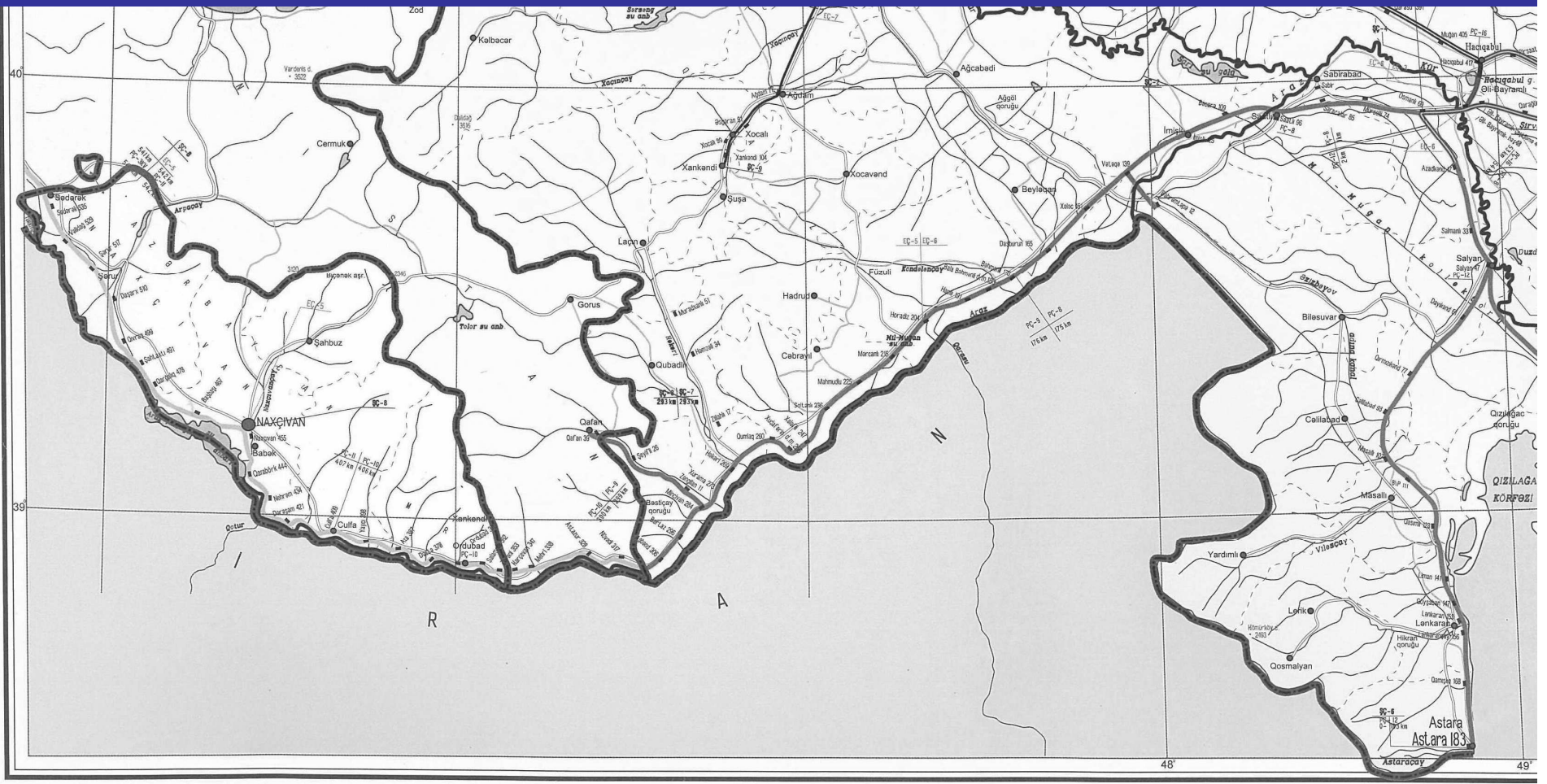
10, 11, 12

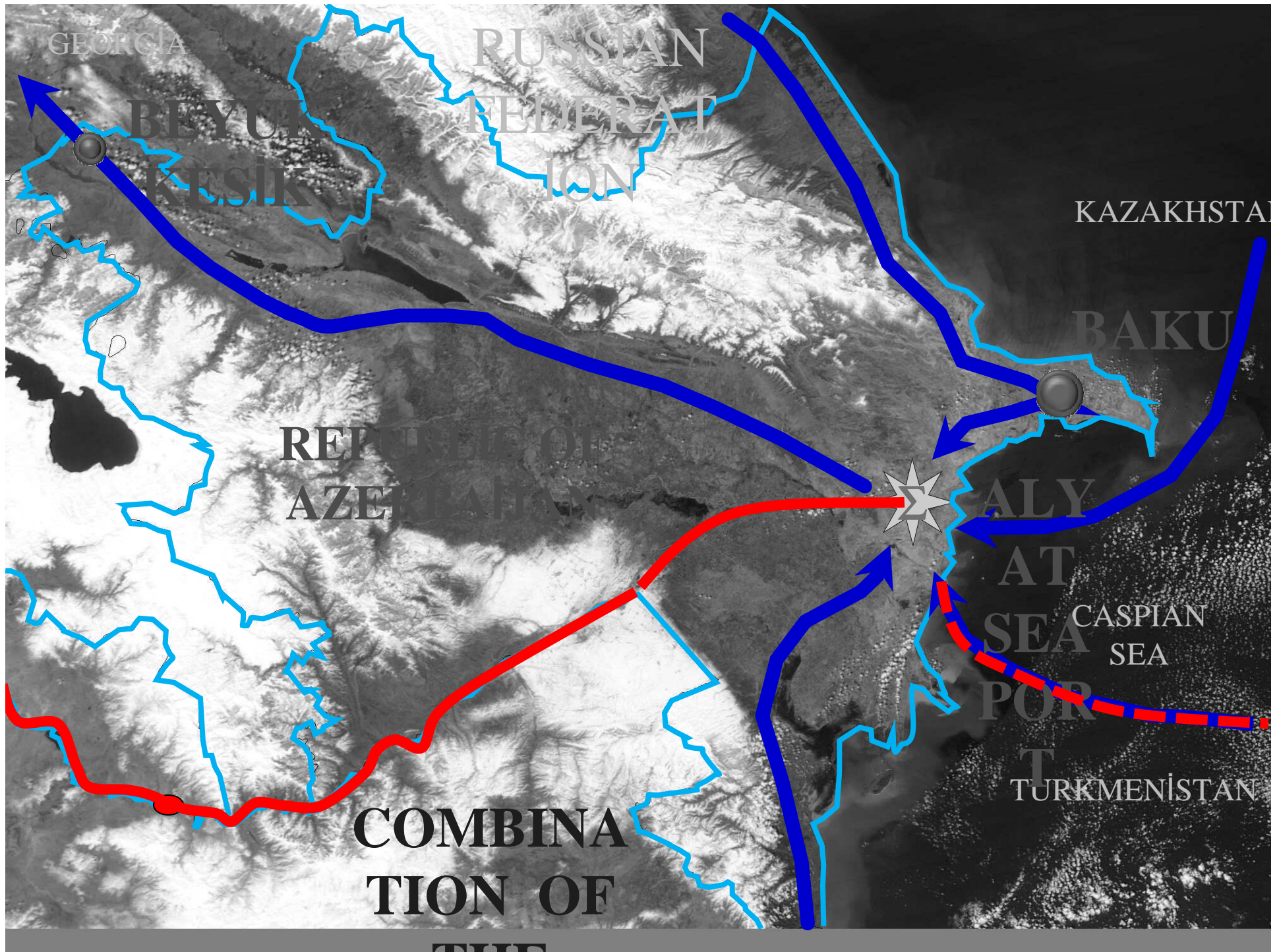


Corridor: 1. Kapikule – 2. Istanbul – 3. Ankara – 4. Sivas – 5. Kars – 6. Aktas – 7. Dogukapi – 8. Djulfa/Baku



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GEORGIA

RUSSIAN
FEDERATION

BEYUL
KTSIK

KAZAKHSTAN

BAKU

REPUBLIC OF
AZERBAIJAN

ALYAT
SEA
PORT

CASPIAN
SEA

TURKMENISTAN

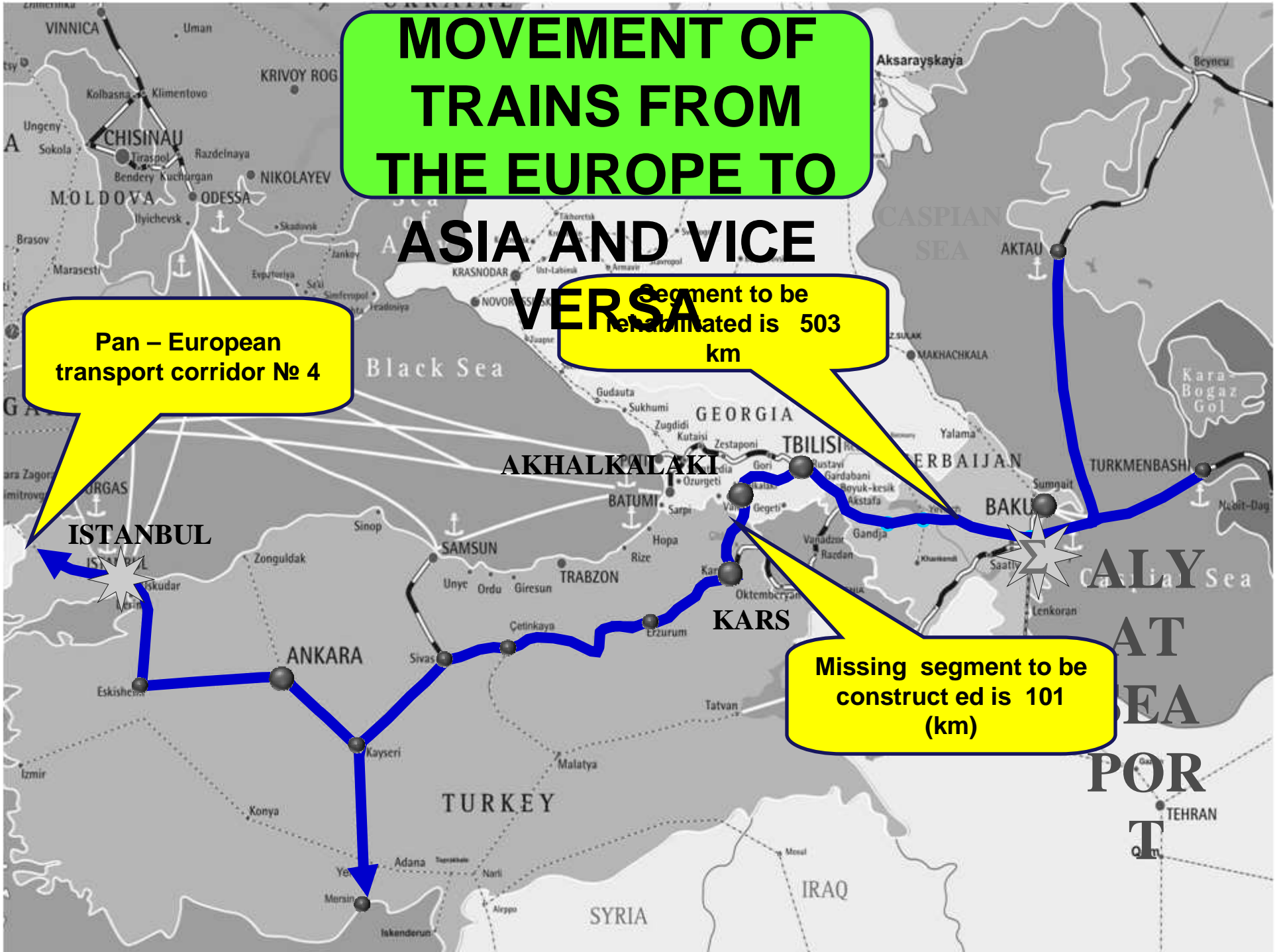
COMBINA
TION OF
THE

MOVEMENT OF TRAINS FROM THE EUROPE TO ASIA AND VICE VERSA

Pan – European transport corridor № 4

Segment to be reformed is 503 km

Missing segment to be constructed is 101 (km)





Thank you for your attention

END