



Ukraine's Gas Market reforms in the Energy Community membership context: opportunities for cooperation with SEE countries

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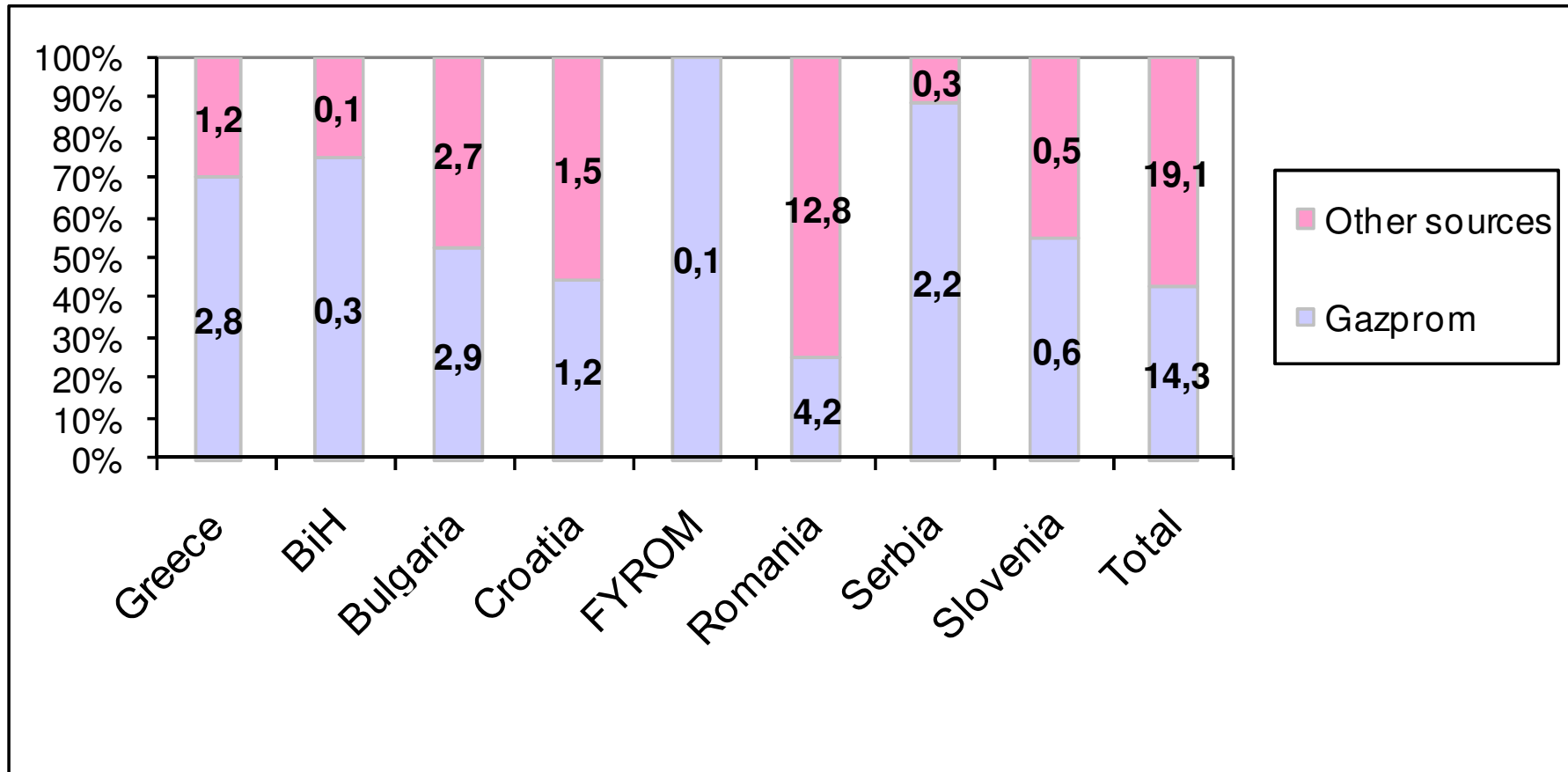
5th South East Europe Energy Dialogue, 2-3 June 2011, Thessaloniki

Challenges of the Gas Market in South East Europe

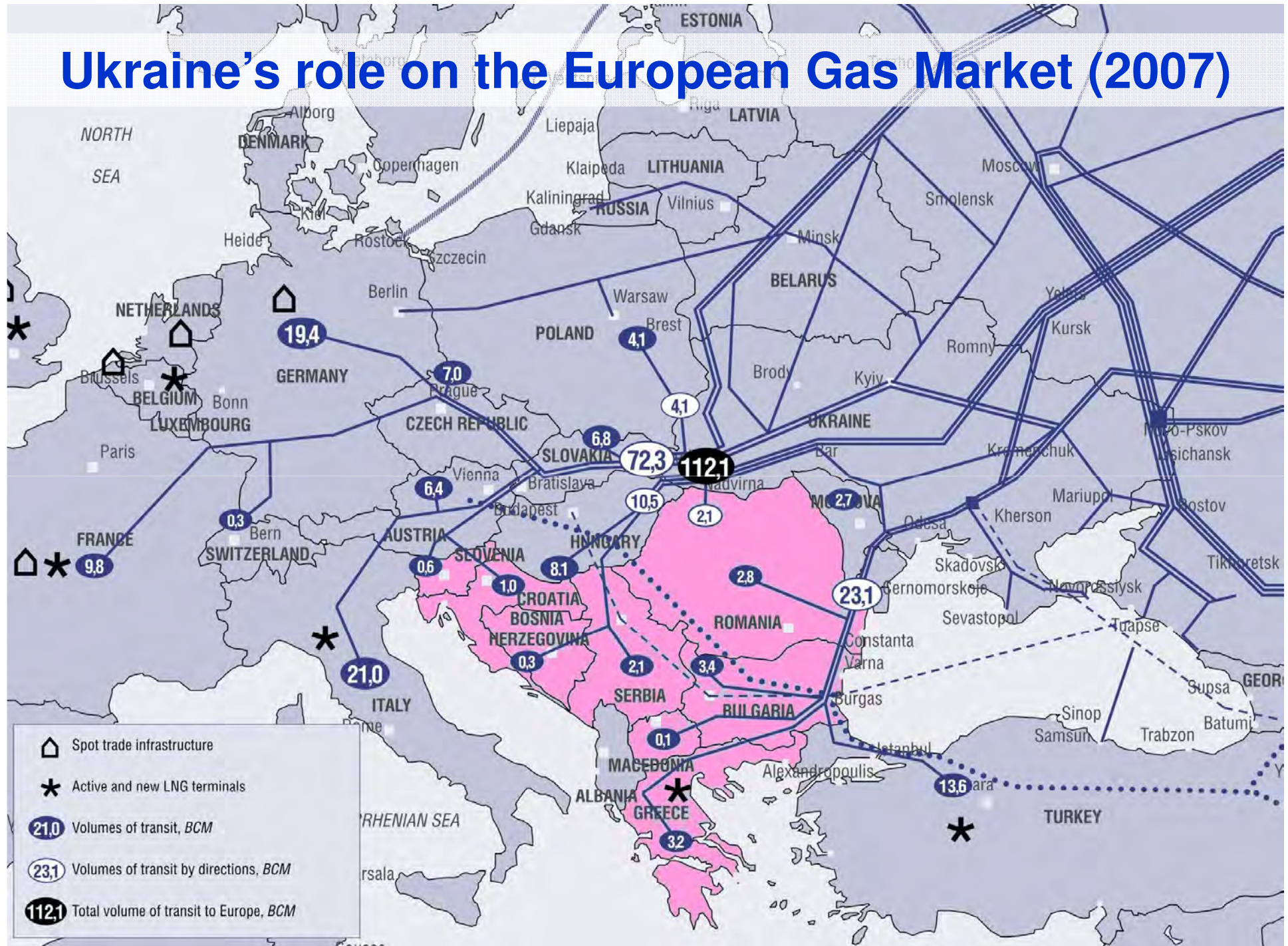
- Establishment of a transparent, competitive and balanced market, integrated into EU
- Development of a modern gas infrastructure
- Diversification of the gas sources

Share of the Russian gas in overall consumption in South East Europe

(BCM, 2008)

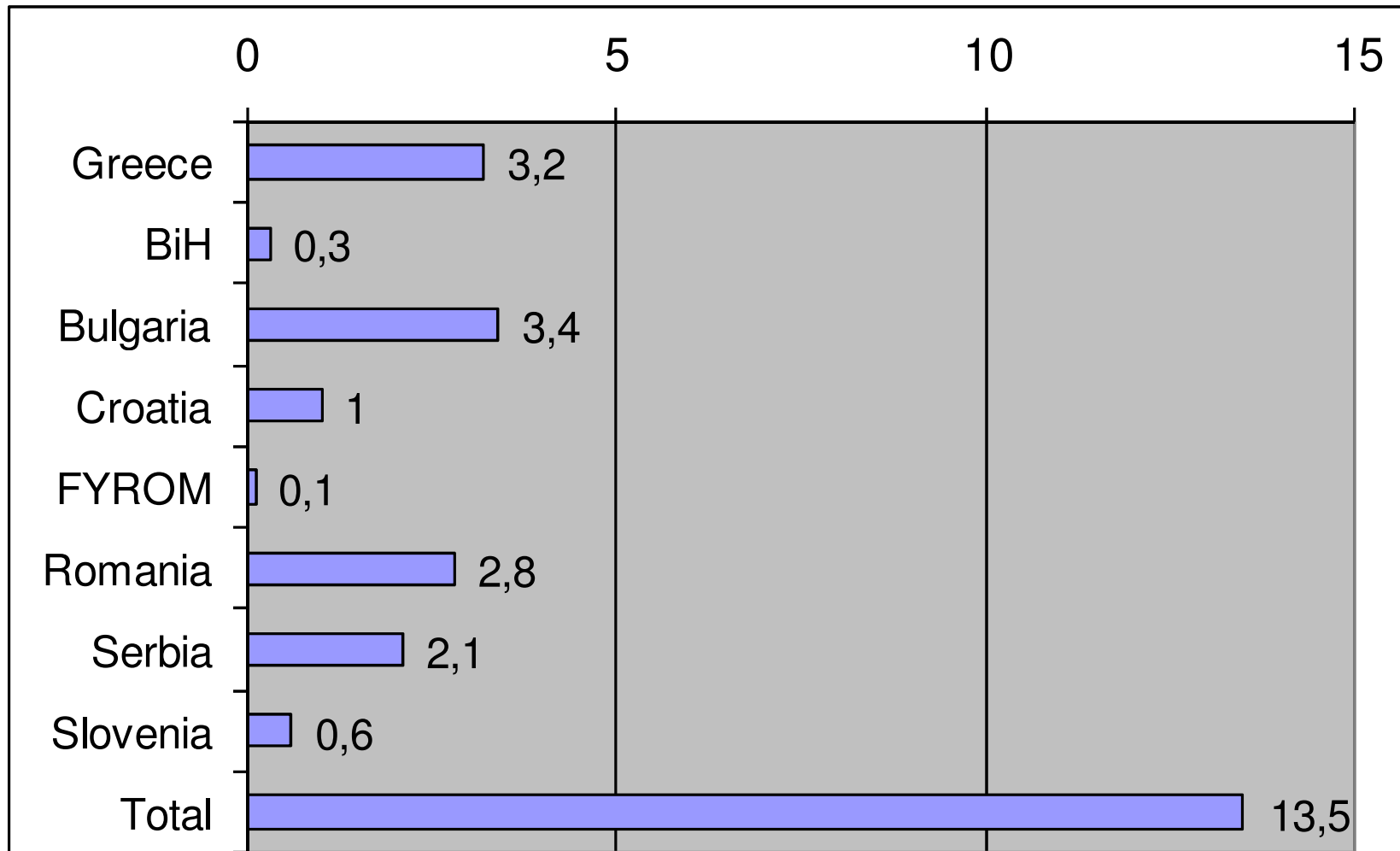


Ukraine's role on the European Gas Market (2007)

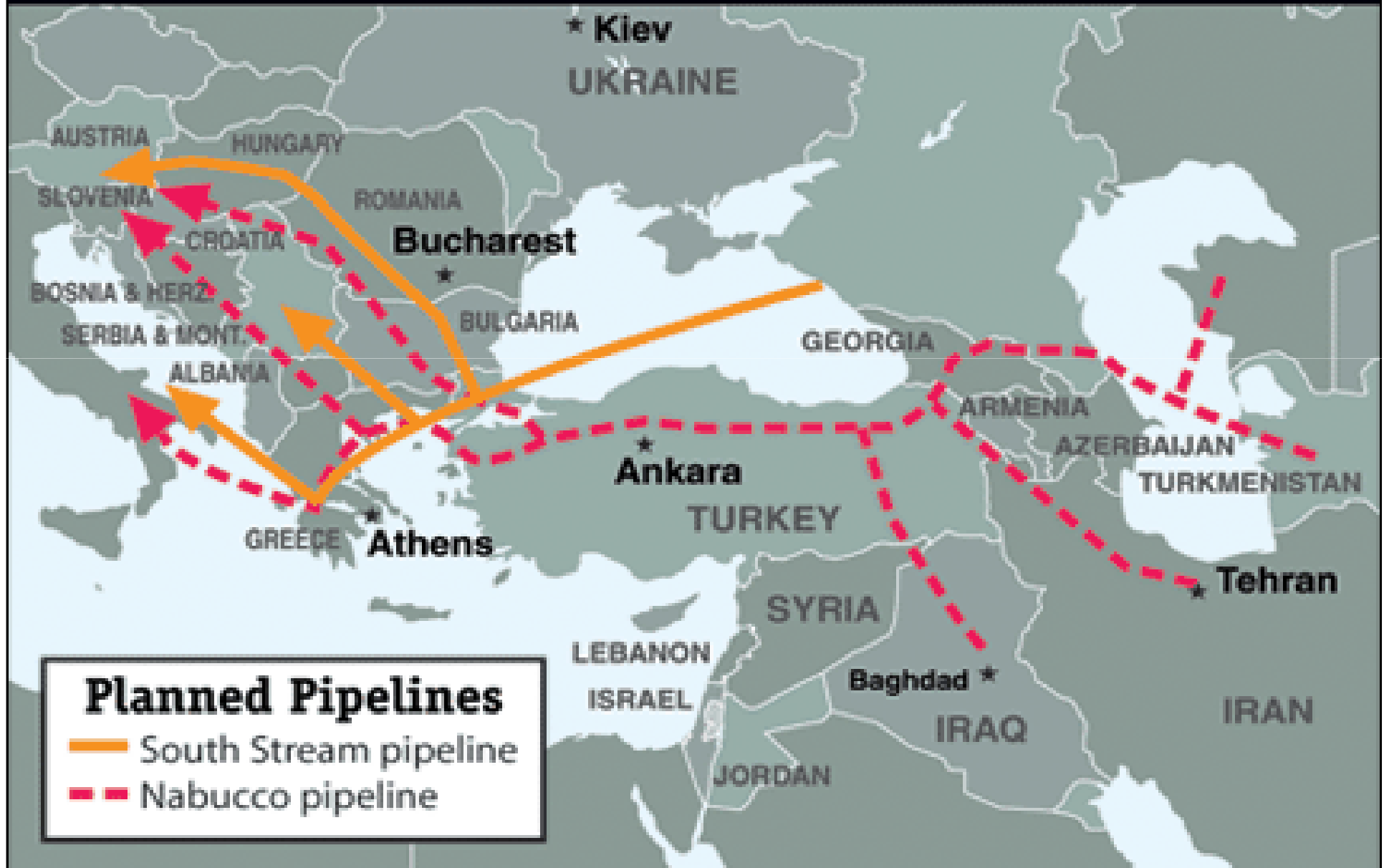


Transit via Ukraine

(BCM, 2007)



Competing Gas Pipeline Import Routes from Caspian, and Middle East into Southeast Europe



PROFILE OF SOUTH STREAM

	South Stream	Other Underwater Pipelines
Length of underwater pipeline	~1000 km	444 km (Blue Stream) 1220 km (Nord Stream)
Depth of laying (mostly)	~1800-2100 m	From ~20 to 210 m (Nord Stream)

Length of new pipelines to be built to fill South Stream with gas from Yamal and Central Asia

Subsea sections	~1000 km
Land sections out of Russian Federation	~2700 km
Yamal - Black Sea (Russian Federation)	~6400 km
Prikaspijsky (Caspian) Pipeline	~1700 km
TOTAL:	~11800 km

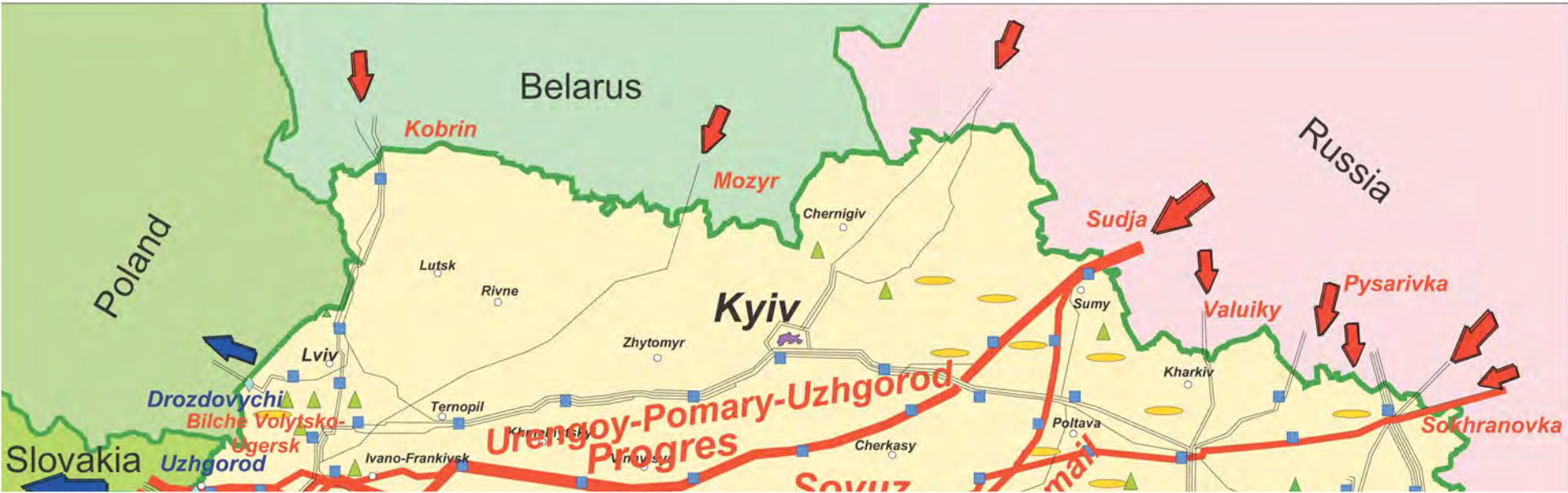
Features of Ukrainian Gas Transmission System

Parameters	Units	Number
Length of gas pipelines, total		37.0
including: - gas mains	thsd. km	22.2
- pipeline branches		14.8
Throughput capacity of GTS:		
- input		288
- output	bcm/year	178
including European countries		142
Number of compressor stations (compressor shops)	item	72(110)
Number of gas compressor units	item	702
Capacity of compressor stations	MW	5442.9
Number of underground gas storage facilities (UGSF)	item	12
Total working capacity of UGS	bcm	31
Number of gas distribution stations (GDS)	item	1437

Gas Supply and Transit via Ukrainian Entry/Exit Points during 2004-2008 (bcm)



UGTS Priority Objects Modernisation and Reconstruction



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