

WOC 3 Transport - Triennium 2012 – 2015 March 25 – 27, 2013 Bratislava

Gas business in Slovakia

COUNTRY PROFILE

Area (km²): 49,035

Population: 5,379,000

Capital: Bratislava

Member of OECD, WTO, NATO, EU Shengen area, Eurozone (2009)



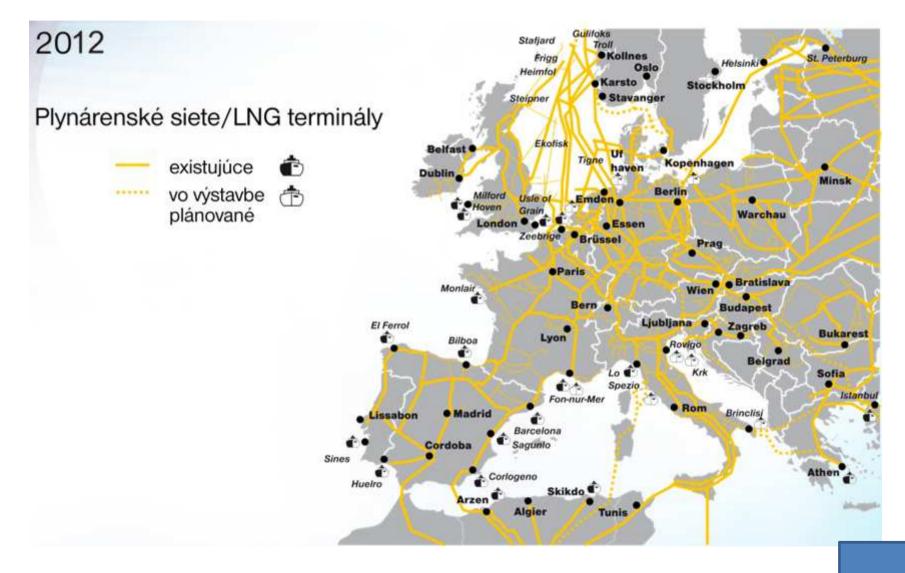


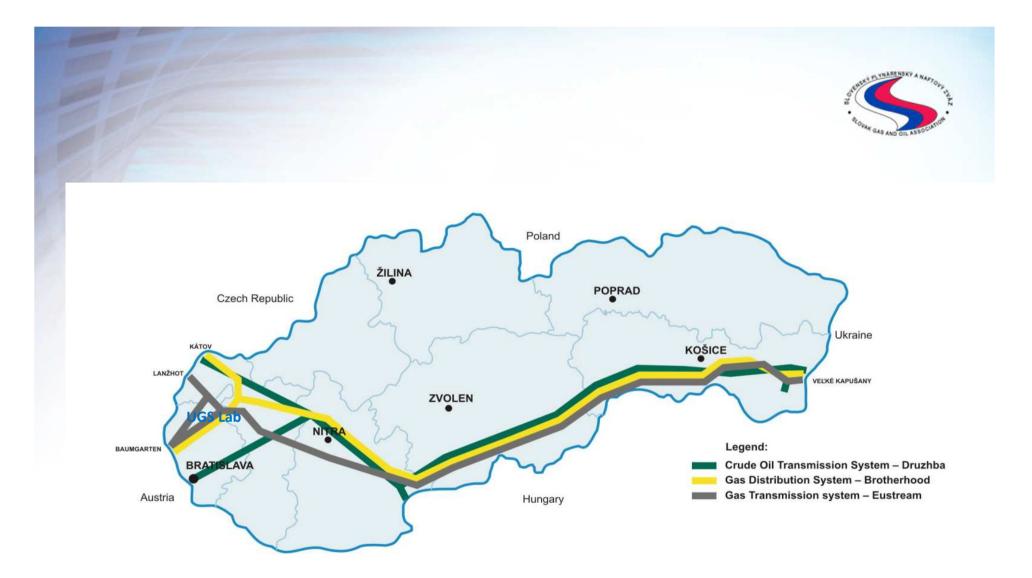


European Gas Transmission Networks

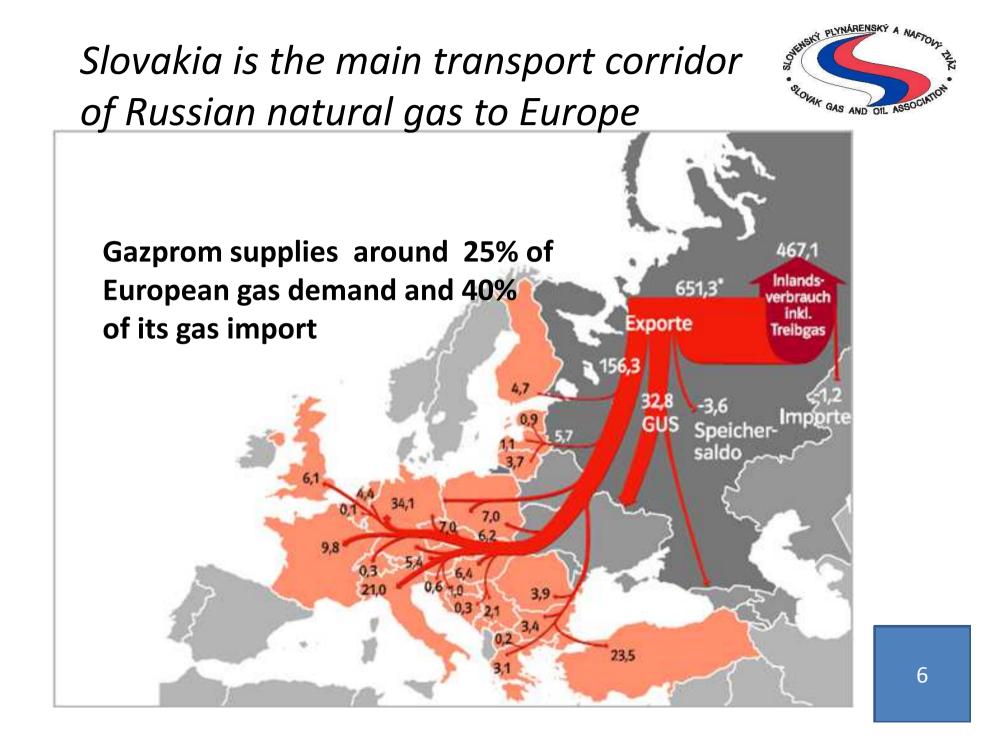


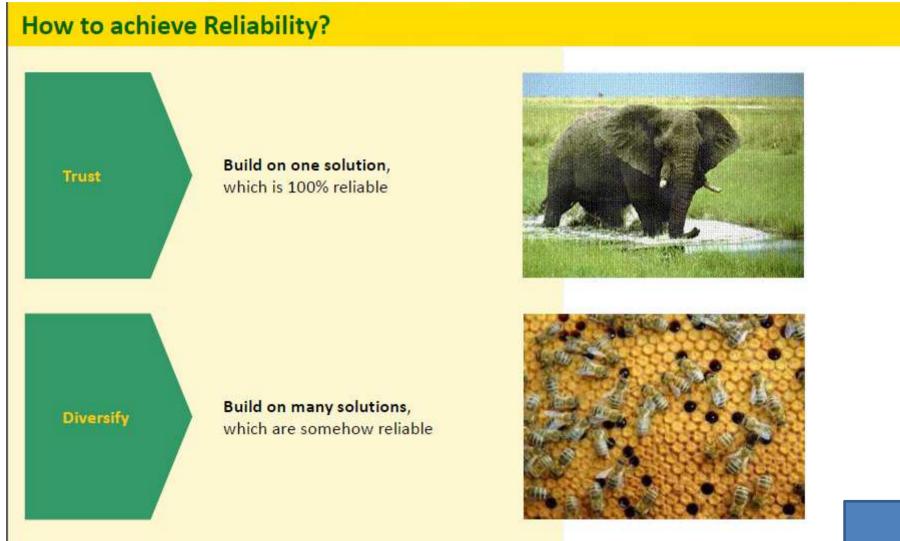
European Gas Transmission Networks





Central European Gas – Oil Transmission Corridor





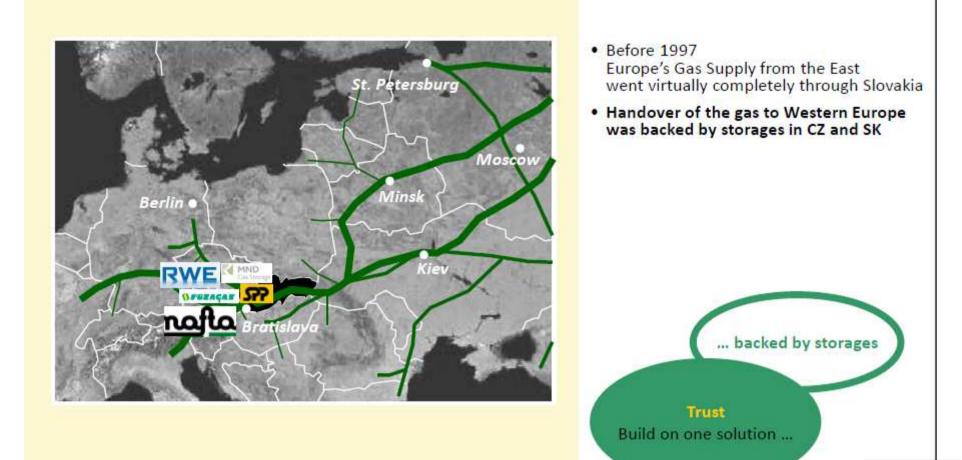
Europe's Gas Supply from the East before 1997



 Before 1997 Europe's Gas Supply from the East went virtually completely through Slovakia



Europe's Gas Supply from the East – backed by storages



In 1997 Yamal started operation



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- Handover of the gas to Western Europe was backed by storages in Cz and SK
- In 1997 the world started to change with Yamal (EuRoPol GAZ)

In 2011/2012 Nord Stream started operation



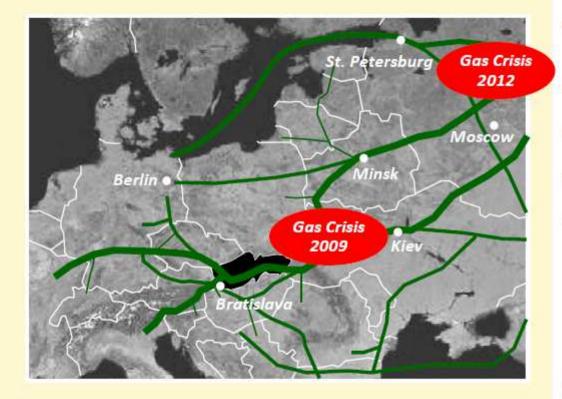
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 - South Stream
 - Nabucco
 - TAP

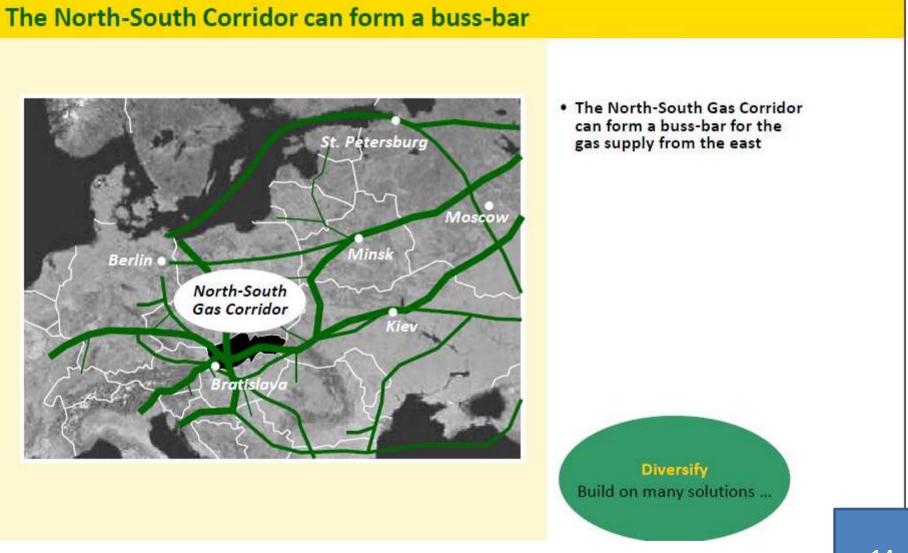
Nevertheless gas supply became less reliable



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In 2009 and 2012 backing of Nafta was the essential pillar of regional supply

STORY: SLOVAK INTERNATIONAL GAS TRANSPORT 1972 - 2013



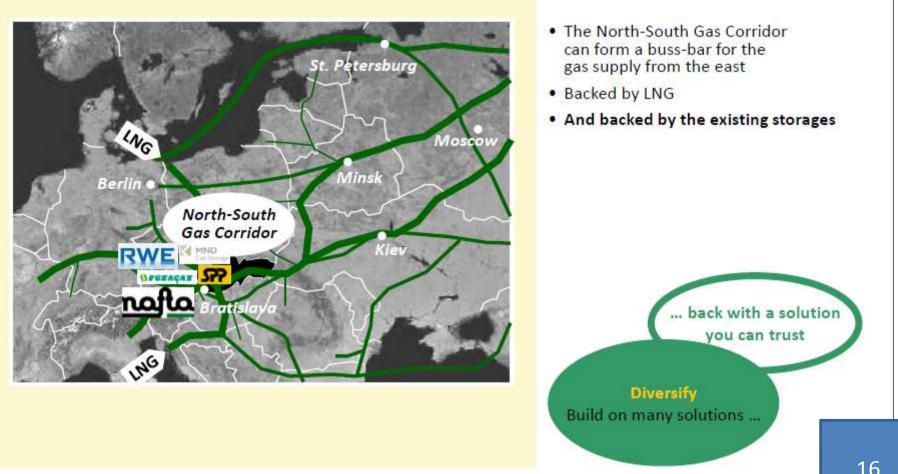
Diversify by the North-South Corridor plus LNG



- The North-South Gas Corridor can form a buss-bar for the gas supply from the east
- Backed by LNG

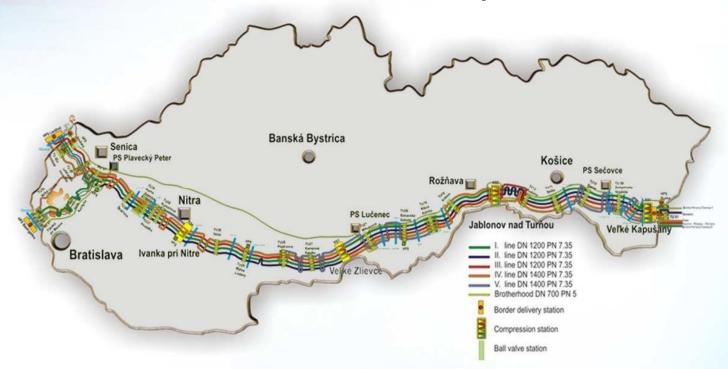




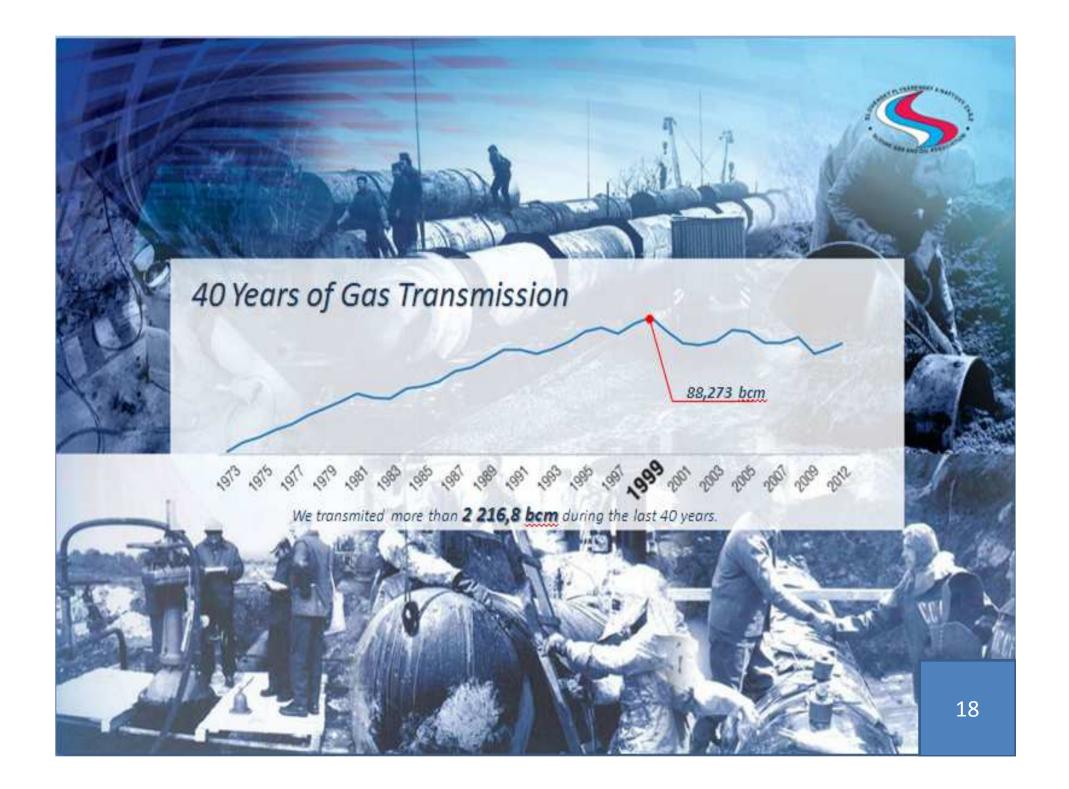


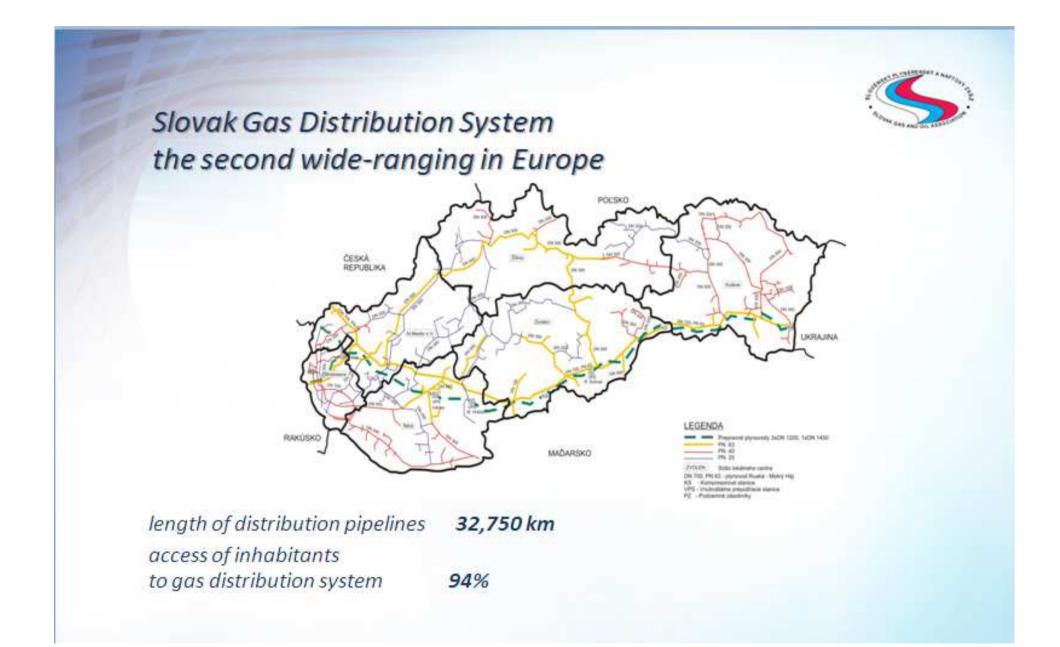


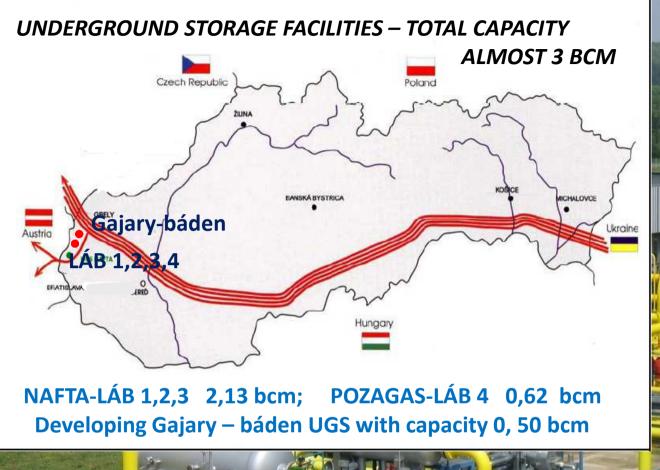
Slovak Gas Transmission System

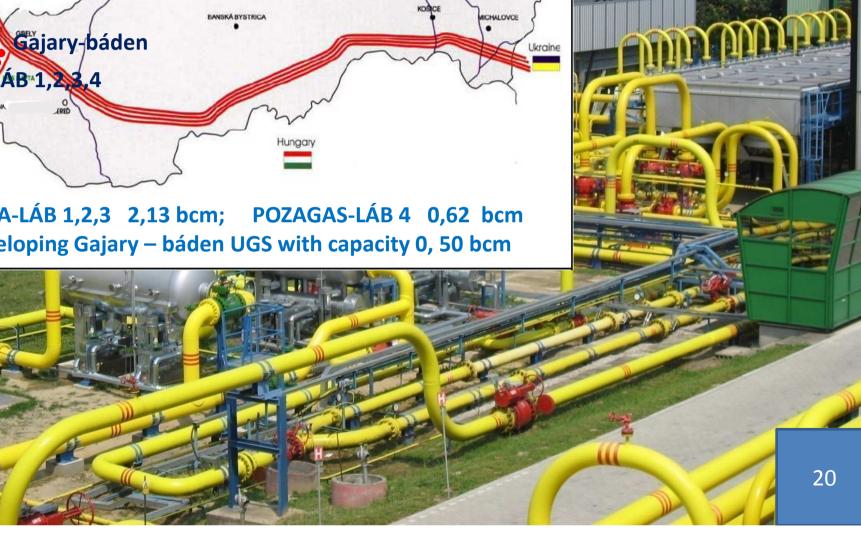


length of pipelines diameter of pipelines transmission capacity maximum daily capacity installed power >2,200 km 1,200 and 1,400 mm (>90%) >93 bcm/a >290 mcm >1 GW



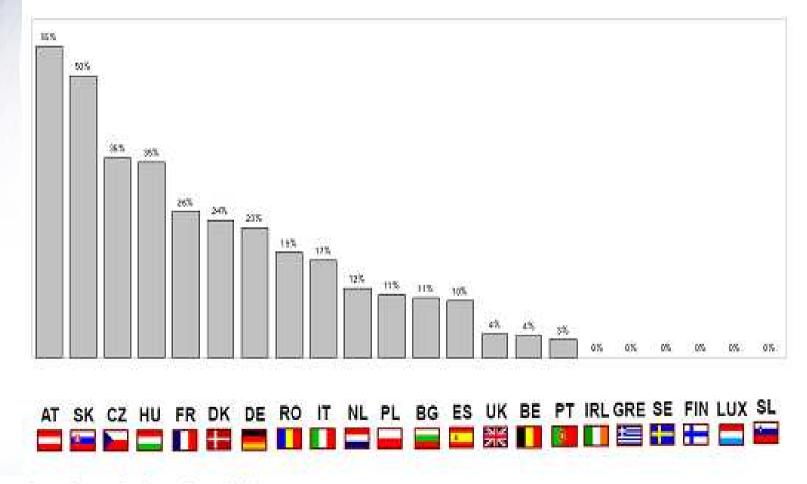








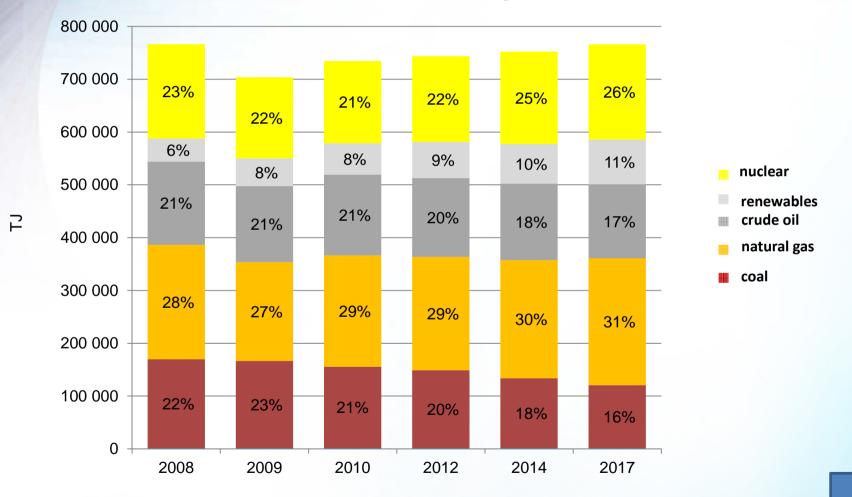
Storage to gas consumption ratio in EU countries



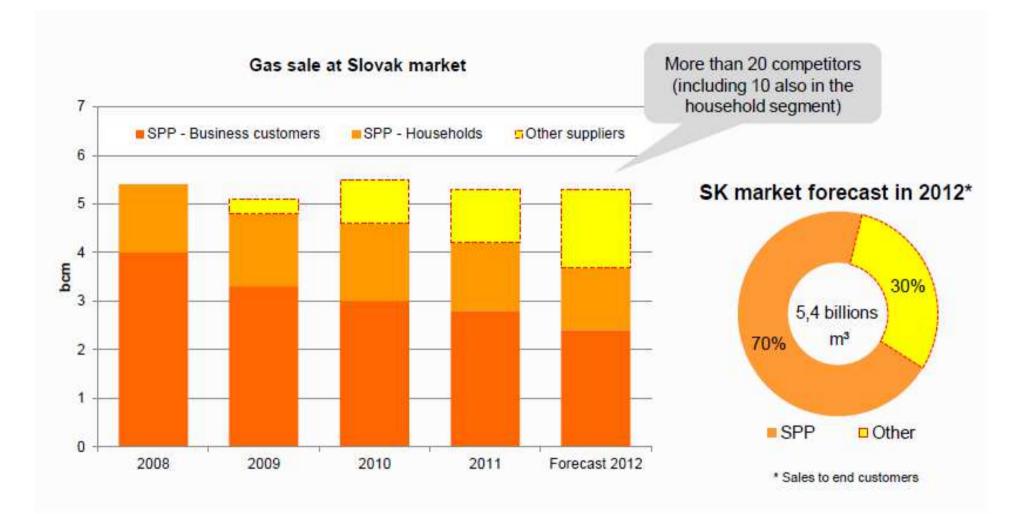
Source: Eurogas, Gas Storage Europe, OMV



Gross domestic consumption of Slovakia

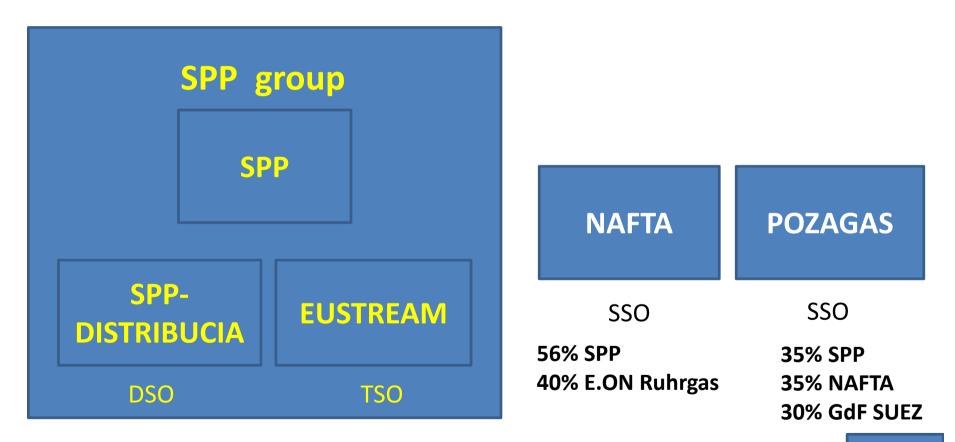


22





The main players in Slovak Gas Industry



51% SR, 49% EPH



Security of supply The North-South Gas Corridor

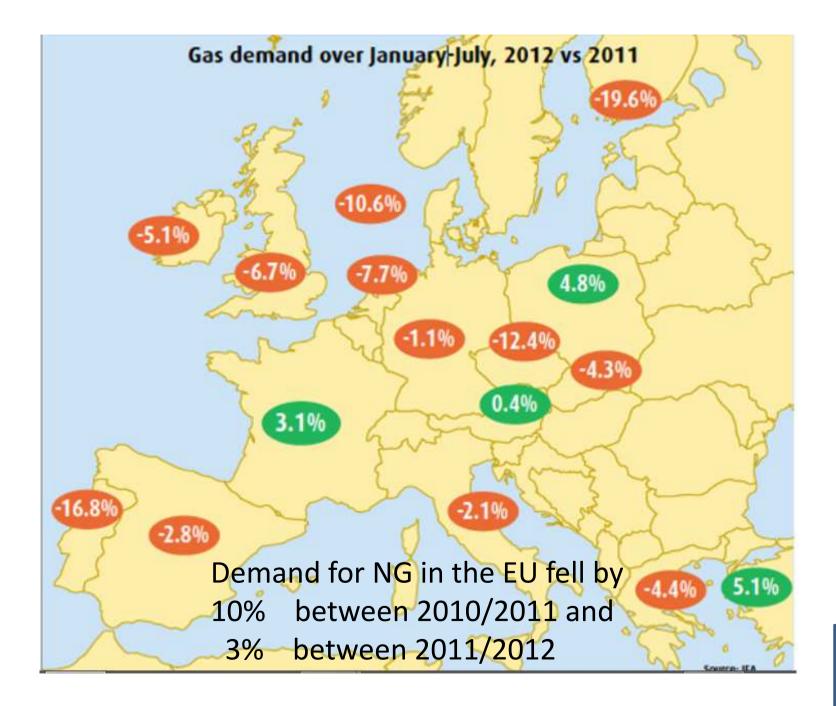


26



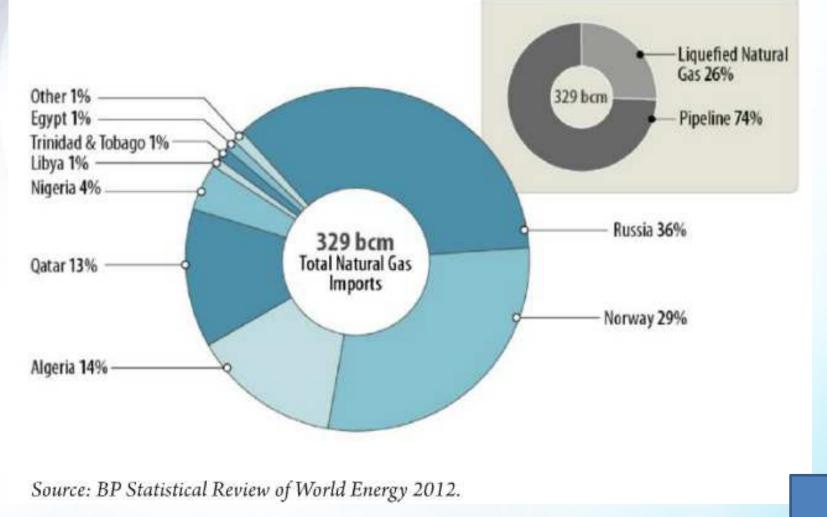
The Slovak-Hungarian Gas Interconnector

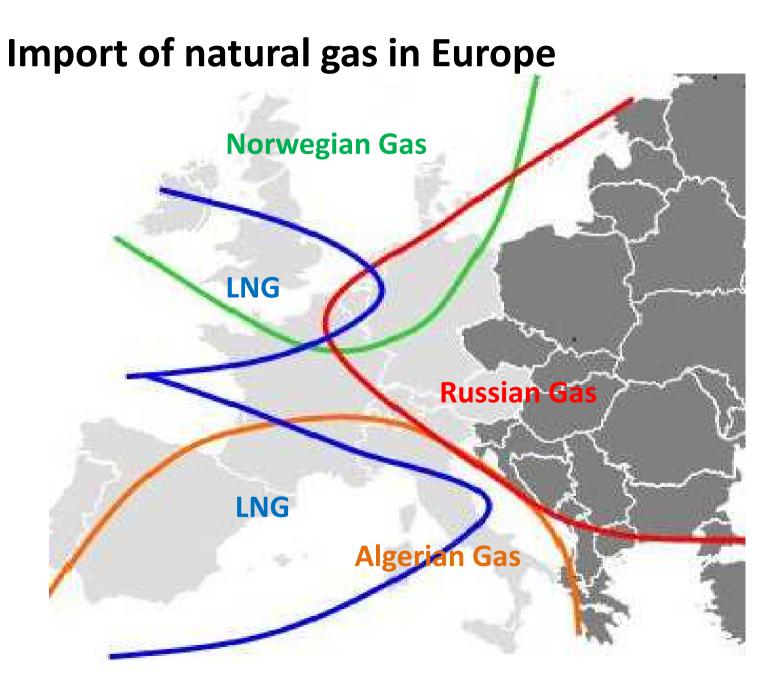
- 115 km of pipeline length
- 5 bcm/a of (design) capacity
- reverse flow
- investments app. EUR 160 million
- financing under EERP (EUR 30 million)
- start of operations planned for 2015





Import of natural gas in the EU





Slovak Gas Industry celebrated its 157 anniversary /19 March 1856/ SGOA builds on a tradition originated from the foundation of Union of Gas experts in Austro – Hungarian Monarchy in 1881 and of Czechoslovak Gas and Water Association in 1919

An independent association of 63 companies and 218 individuals active in gas, partly in crude oil and related industries, registered with the Administration Section of the Slovak Ministry of Interior



Slovak Gas and Oil Association



Main mission and objectives:

- 1. Promotion of corporate members` interests in the Slovak Republic
- 2. Representation of gas industry in terms of the development of legal and technical regulations in the context of the Slovak legislation process and especially with respect to the approximation of respective legislation to the legal environment in EU
- 3. Active support of technical and economic progress within Slovak Gas Industry
- 4. Representation of the Slovak Republic in the IGU and an active participation in its activities, cooperation with other European and global nongovernmental organizations /MARCOGAZ, CEOCOR, etc./
- 5. Support of the transfer of information and advanced technologies from all over the world to the Slovak Republic, dissemination of collected knowledge in Slovakia
- 6. Support and strengthening the image of natural gas as an energyefficient and environmentally friendly fuel





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ELLEA DESTAN