



UNECE “Energy Week” New Gas Developments and Investments

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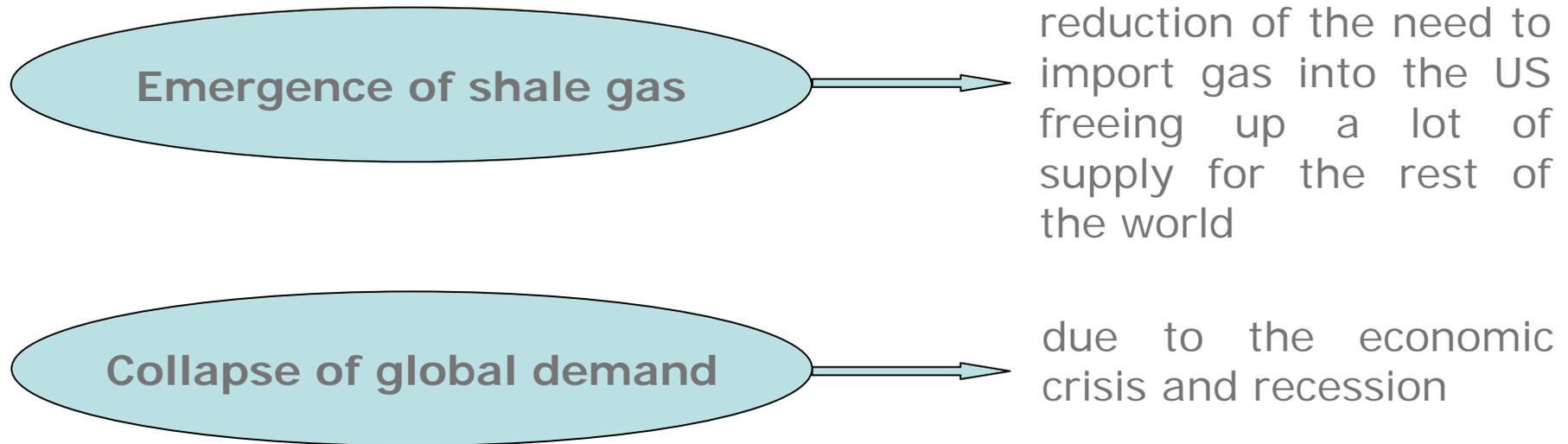
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The role of natural gas in our energy future

The gas market has recently undergone some kind of revolution:



Natural gas is going to play an increasing role in our energy future



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Security of gas supply at the top of the agenda in the near future

- Three main reasons:

- 1) **Low prices**

- 2) **Gas demand growth**

- 3) **Fall of investments in production and infrastructure**



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Low prices (1)



Low prices coupled with economic recovery will stimulate a bounce-back in gas demand

Gas demand growth (2)

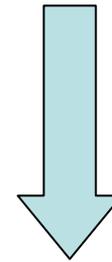


Gas demand growth is a trend

Fall of investments in production and infrastructure (3)



Gas projects are postponed all over the world



There is need to prepare for a tighter market and higher prices

Europe: a rising gas demand by 2020



- Europe will need to import **an extra 180 bcm a year** (100 bcm increase in consumption and 80 bcm decline in domestic production) by 2020
- Europe has to prepare for the next wave of rising gas demand through new interconnections among European States, storages and **diversification**



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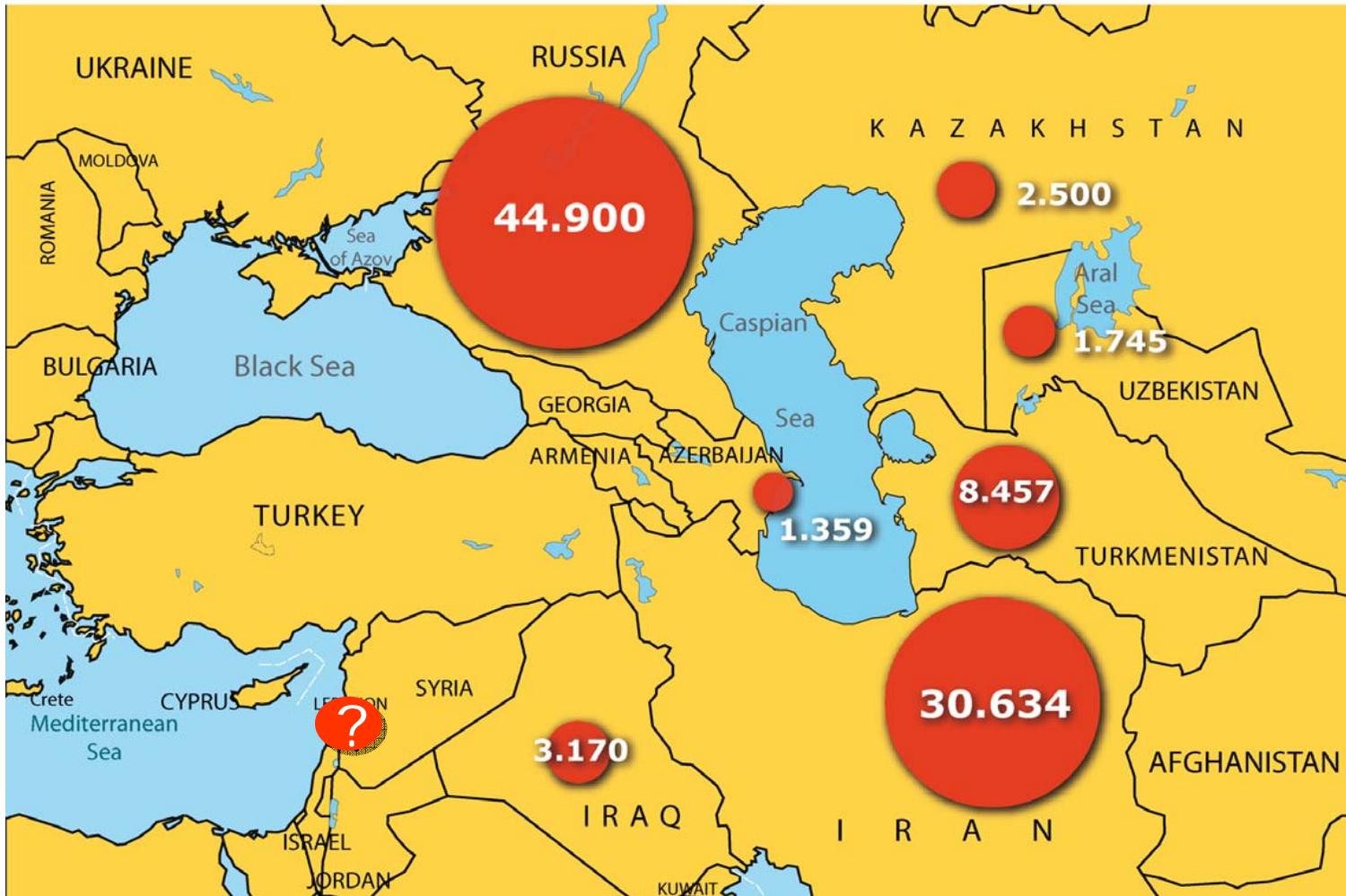
Europe: a diversification strategy

- Three key targets for diversification:
 - 1) **diversification of supply sources**
 - 2) **diversification of transit routes**
 - 3) **LNG**



Diversification of supply sources (1)

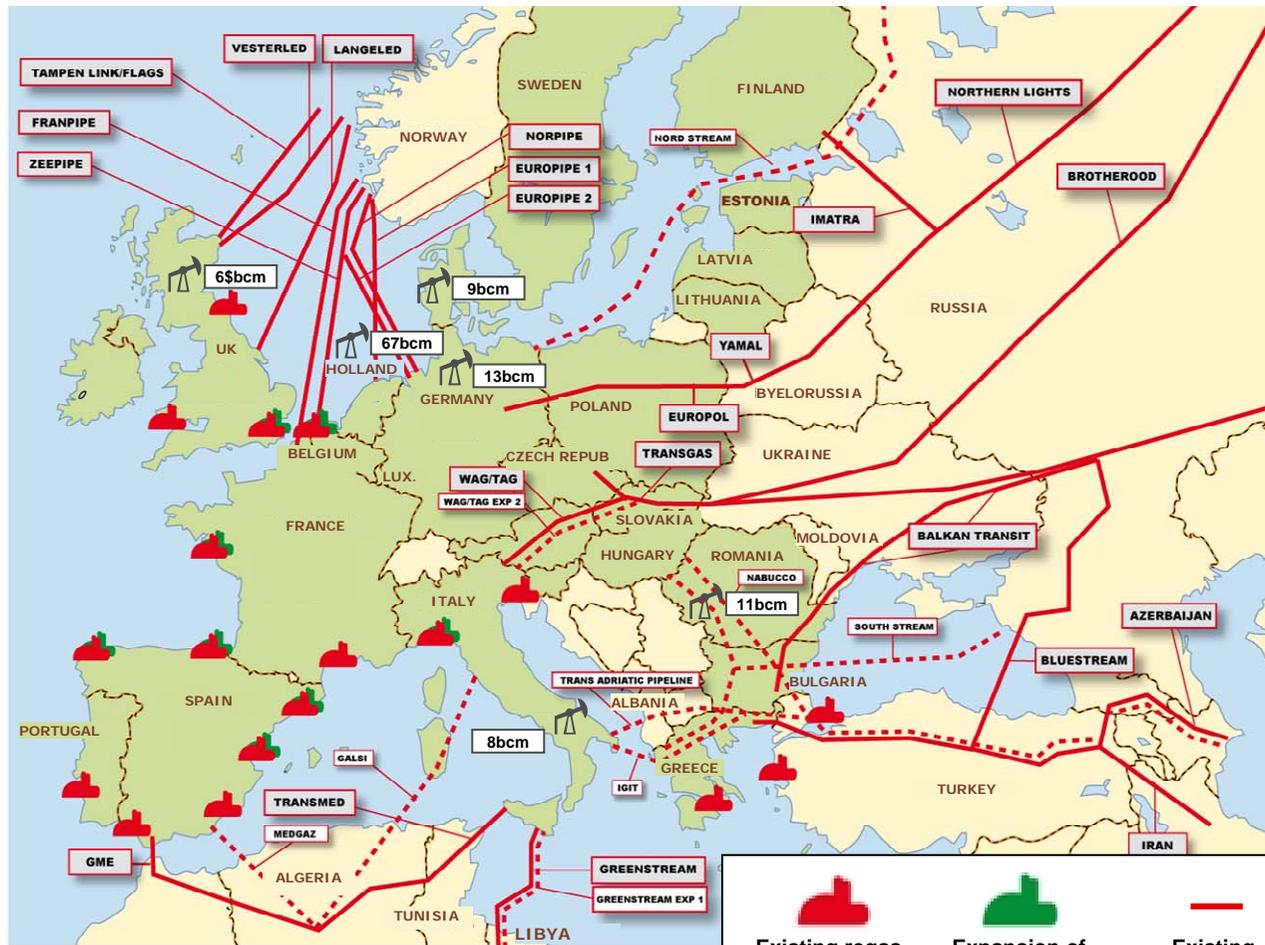
The Caspian region natural gas reserves (bcm)



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Diversification of transit routes (2)

Current Europe's gas infrastructure



Pipeline	Max. capacity (bcm)
Transgas	57
WAG/TAG	45
EuRoPol	33
Langeled	26
Franpipe	19
Norpipe	28
Transmed	33
Maghreb	12
Greenstream	8
Medgaz	8
Nord Stream	55
South Stream	31-63
Nabucco	31

 Existing regas terminal
 Expansion of existing terminal
 Existing pipelines
 New pipelines
 Production

South Stream project



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Nabucco project



Liquefied Natural Gas (3)



- LNG is the third pillar of Europe's diversification strategy, and the major import channel for Asia



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What do all of these measures have in common?



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Thank you



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