

Development of the Natural Gas Market in South East Europe

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MAIN DRIVERS IN BULGARIAN GAS SECTOR

Bulgarian Gas Transmission Network *(Includes National and Transit Networks)*

- High pressure gas pipelines > 2 700 km
- Compressor stations – 9 (installed capacity – 264 MW)
- National Gas Transmission Network with length of >1 700 km (3 compressor stations with total capacity 49 MW)
- Capacity of the national gas transportation network - 8 bcm/year
- Transit gas network with length 945 km (6 compressor stations with total capacity 240 MW)
- Technical capacity of the transit gas pipelines –18.7 bcm/year

Natural Gas Volumes:

- **Indigenous production:** 2010 - 0.07 bcm; **2011 – 0.44 bcm; > 500%**
- **Consumption:** 2010 – 2.66 bcm; **2011 - 3 bcm; >12%**
- **Gas import dependence:**2010 – 93%; **2011 - 85%**

Energy Balance Share

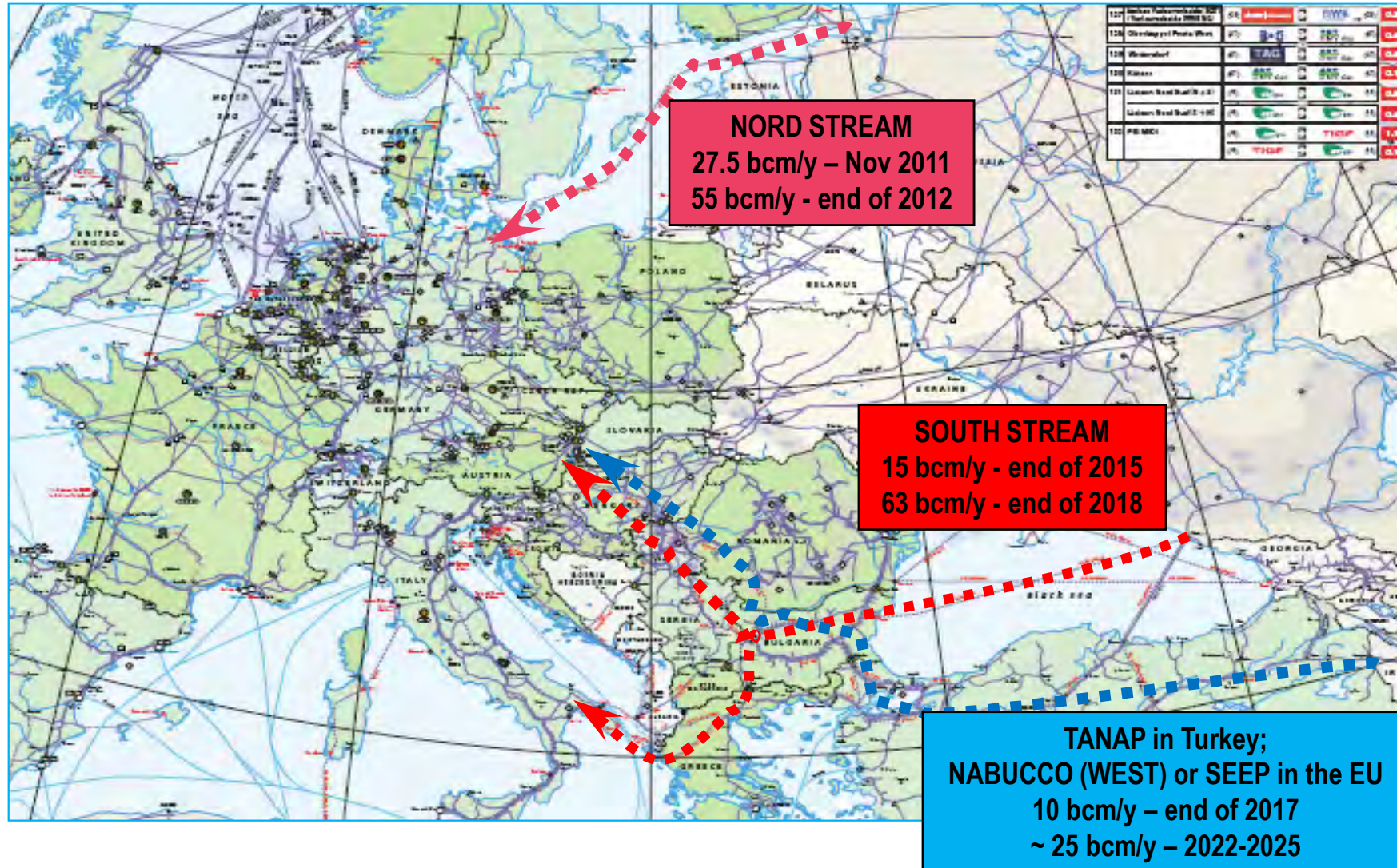
- Gas in the primary energy mix: 12% (2009)
- Gas in the mix of electricity production: 2.9% (2010)
- Gas in the mix of heat production: 48.7% (2010)
- Gas in the mix of electricity and heat production: 8.4% (2010)

UGS “Chiren” (incl. compressor station with capacity 10 MW):

- Working gas capacity – **0.5 bcm** (planned to be increased to **0.85 - 1 bcm**)
- Max. daily withdrawal capacity – **4.3 mcm** (planned to be increased to **8 -10 mcm/day**).

3 MAJOR NEW PIPELINE PROJECTS IN EUROPE

SEE and Black Sea Regions – Key Regions for the energy security of the EU



1 INTERCONNECTION GREECE-BULGARIA (IGB)

2 INTERCONNECTION TURKEY-BULGARIA (ITB)

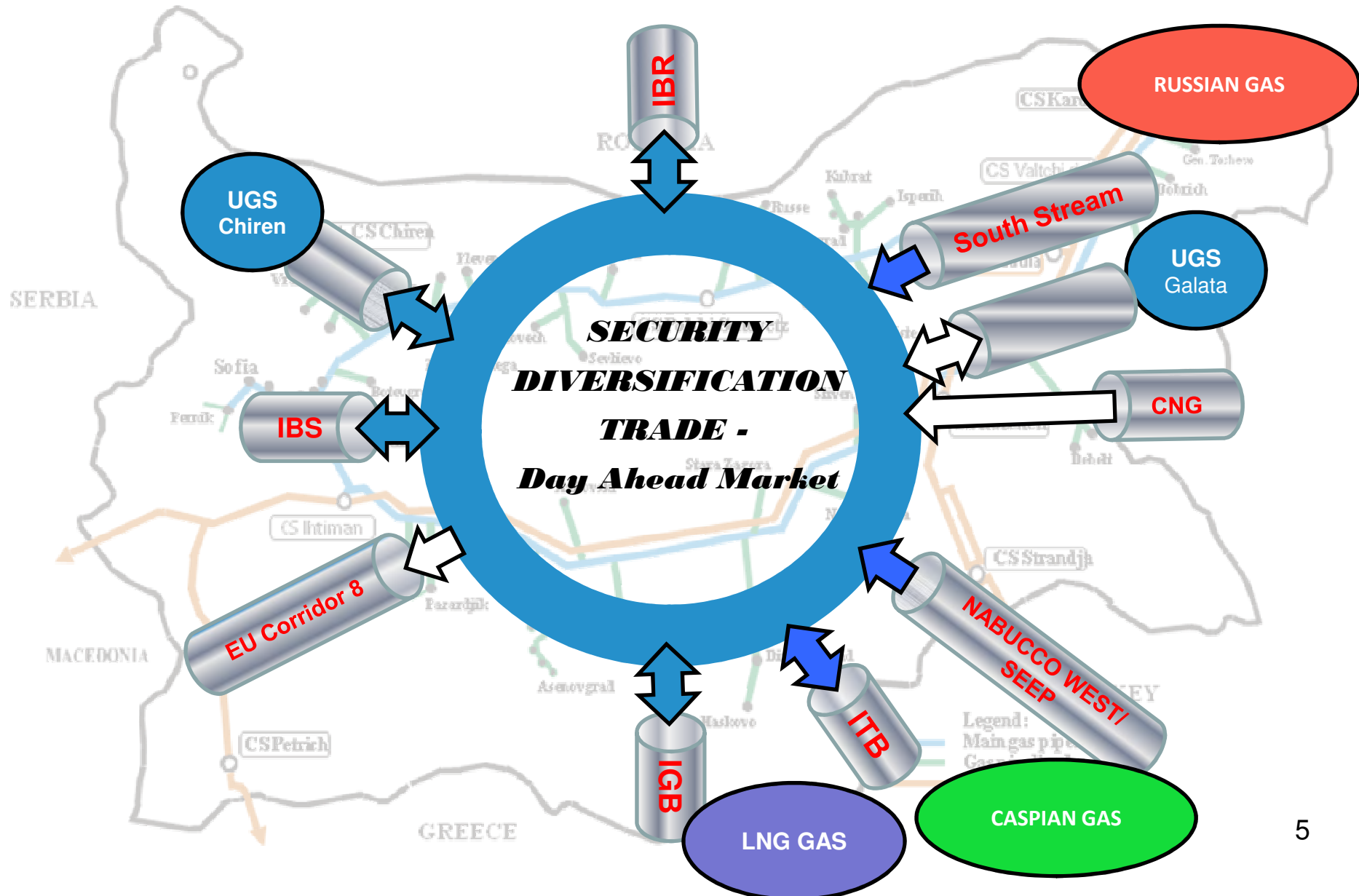
3 INTERCONNECTION BULGARIA-ROMANIA (IBR)

4 INTERCONNECTION BULGARIA-SERBIA (IBS)

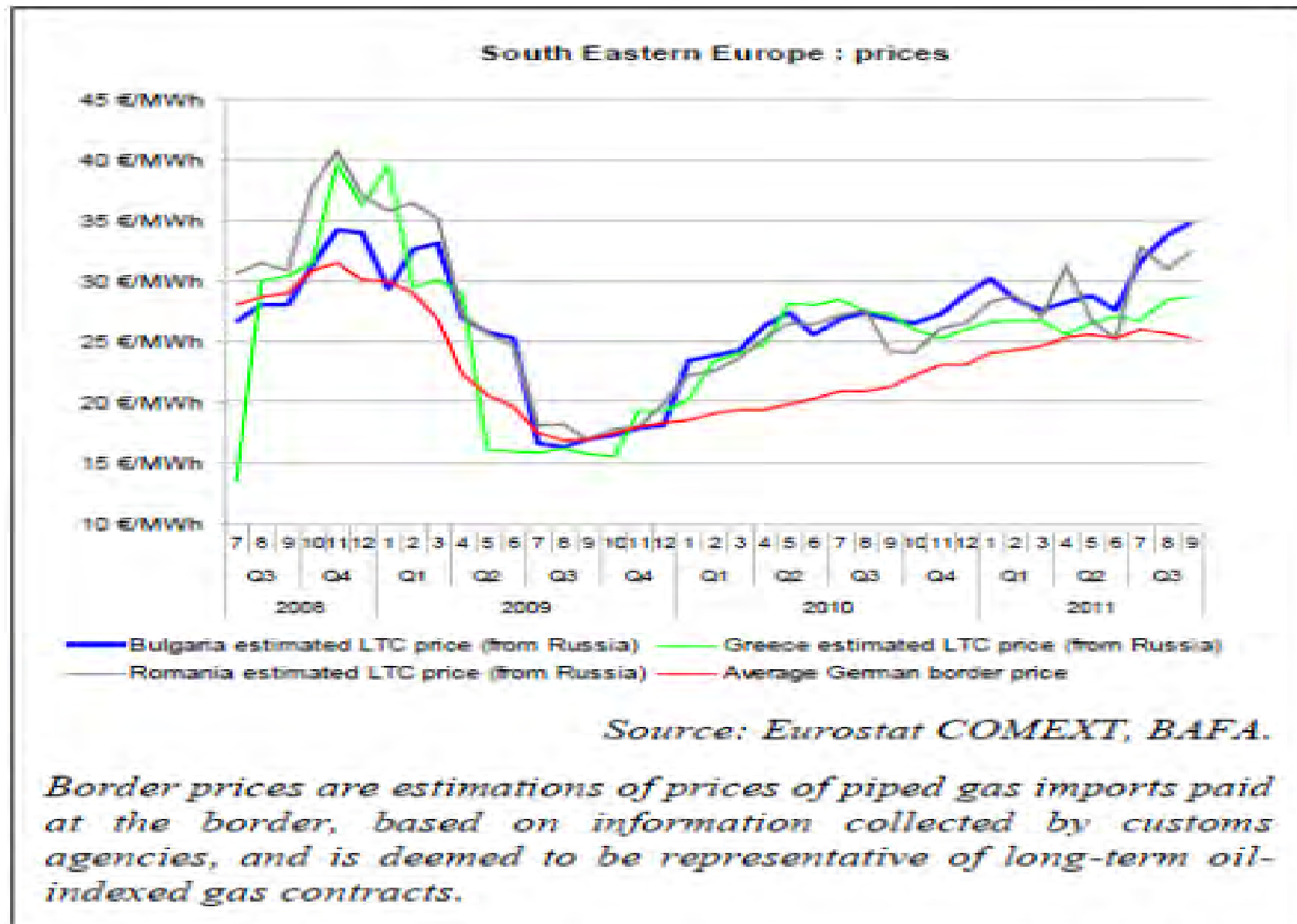
5 BLACK SEA CNG



FUTURE DEVELOPMENT OF SEE GAS MARKET

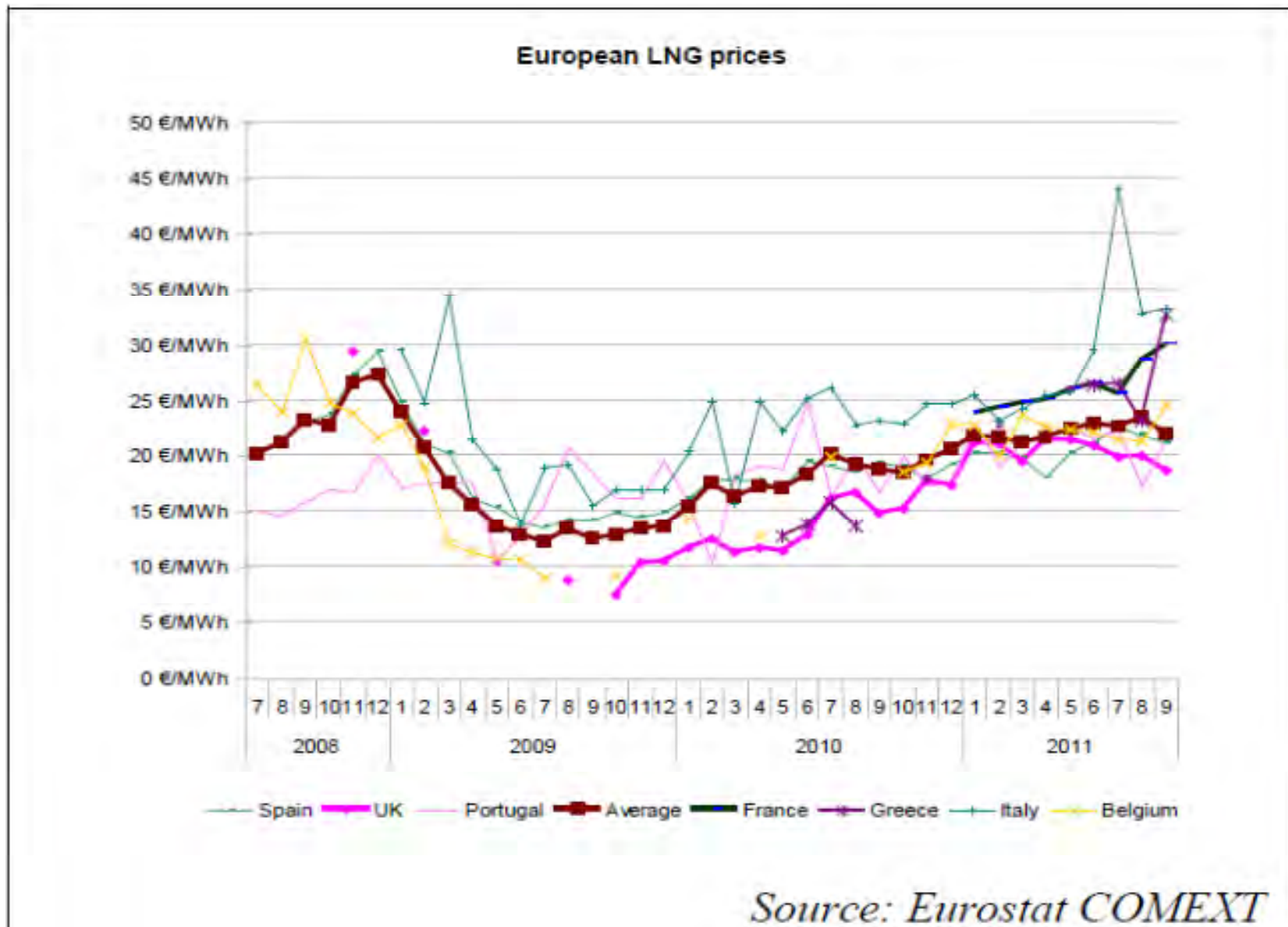


LTC GAS PRICES IN SEE REGION



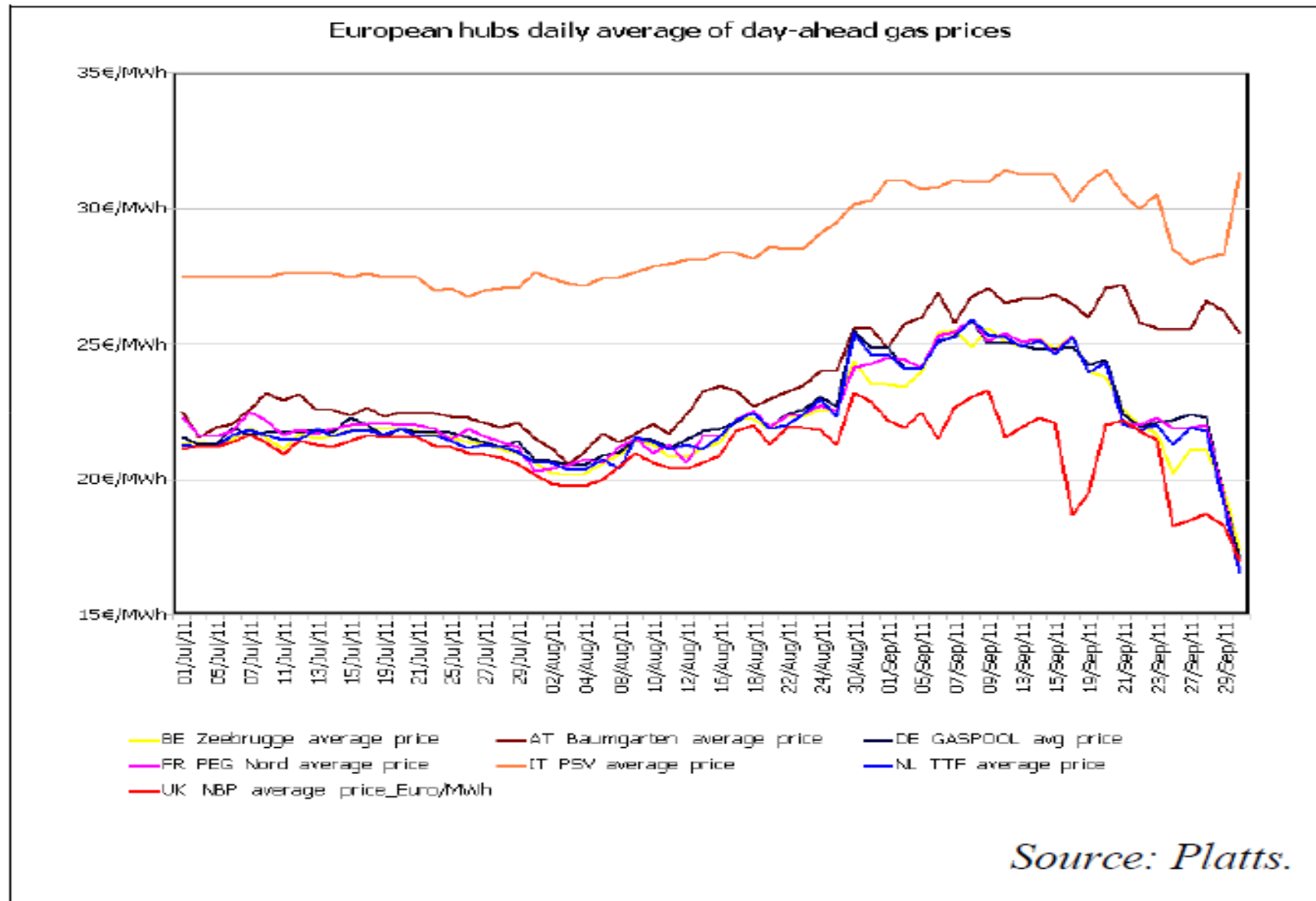
Source: Market Observatory for Energy/DG ENER

LNG PRICES



Source: Market Observatory for Energy/DG ENER

DAY-AHEAD GAS PRICES



Source: Market Observatory for Energy/DG ENER

**Thank you for your kind
attention!**

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