Opportunities for the 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 ~7 bcm/year
- **Transit gas network with length 945 km (6 compressor stations with total capacity 214 MW)**
- **Contracted capacity of the transit gas pipelines – 17.8 bcm/year**

Natural Gas Volumes:
- **Indigenous production: 2009 - 0.02** bcm , **2010 - 0.07 bcm**
- **Consumption: 2009 - 2.5** bcm; **2010 – 2.66 bcm**
- **Gas import dependence**: 2009 - 93.5 % **2010 – 93 %**
- **Transit:** 2009 – **12 bcm; 2010 – 12 bcm**

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)
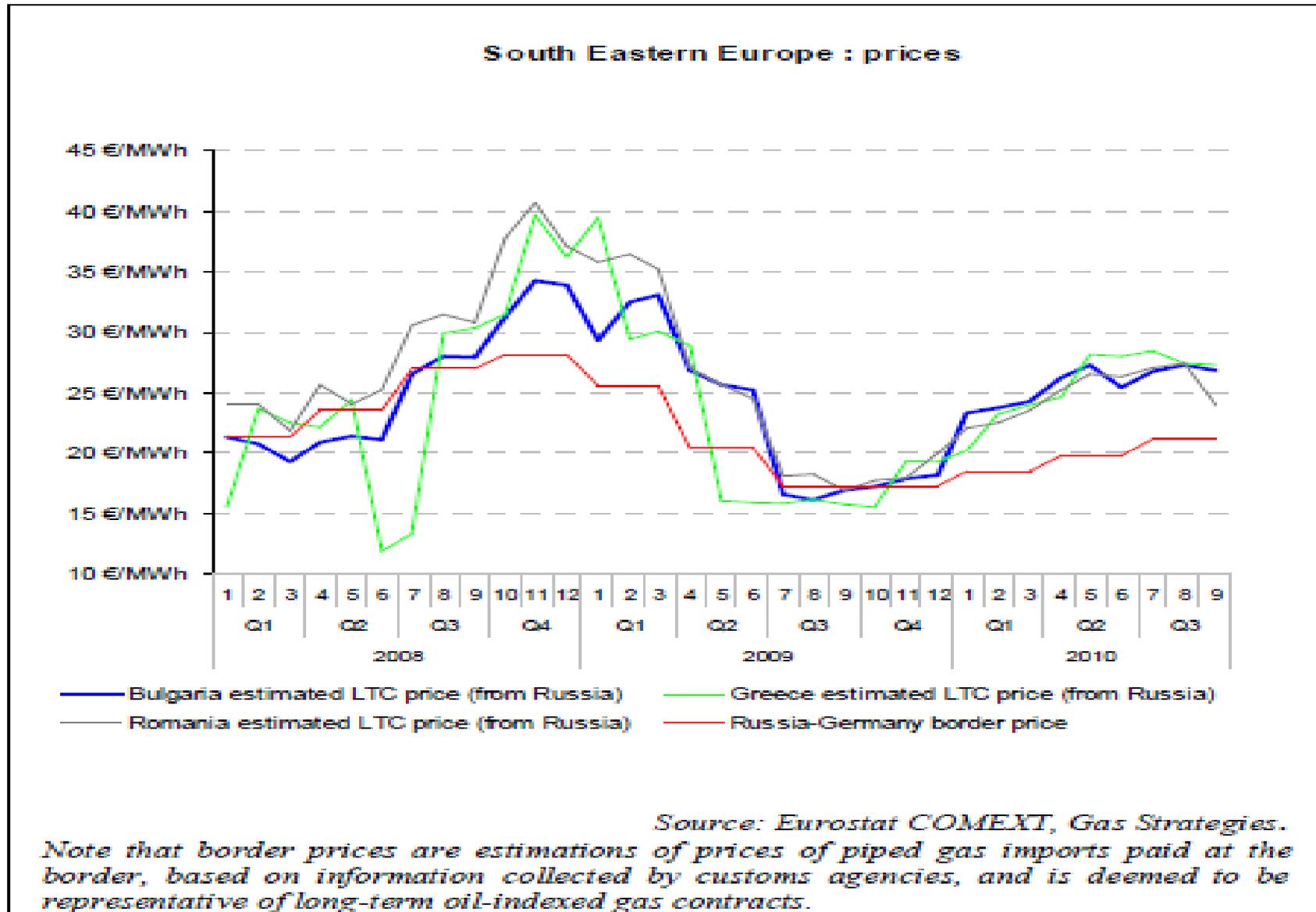- Gas in the mix of electricity and heat production: 8.4% (2010)

UGS "Chiren" (incl. compressor station with capacity 9 MW):

- Working gas capacity **– 045 bcm** (planned to be increased to **0.85-1 bcm**)
- Max. daily withdrawal capacity **– 4.3 mcm** (planned to be increased to **10 mcm/day**).

1 INTERCONNECTION GREECE-BULGARIA (IGB)

2 INTERCONNECTION TURKEY-BULGARIA (ITB)

3 INTERCONNECTION BULGARIA-ROMANIA (IBR)

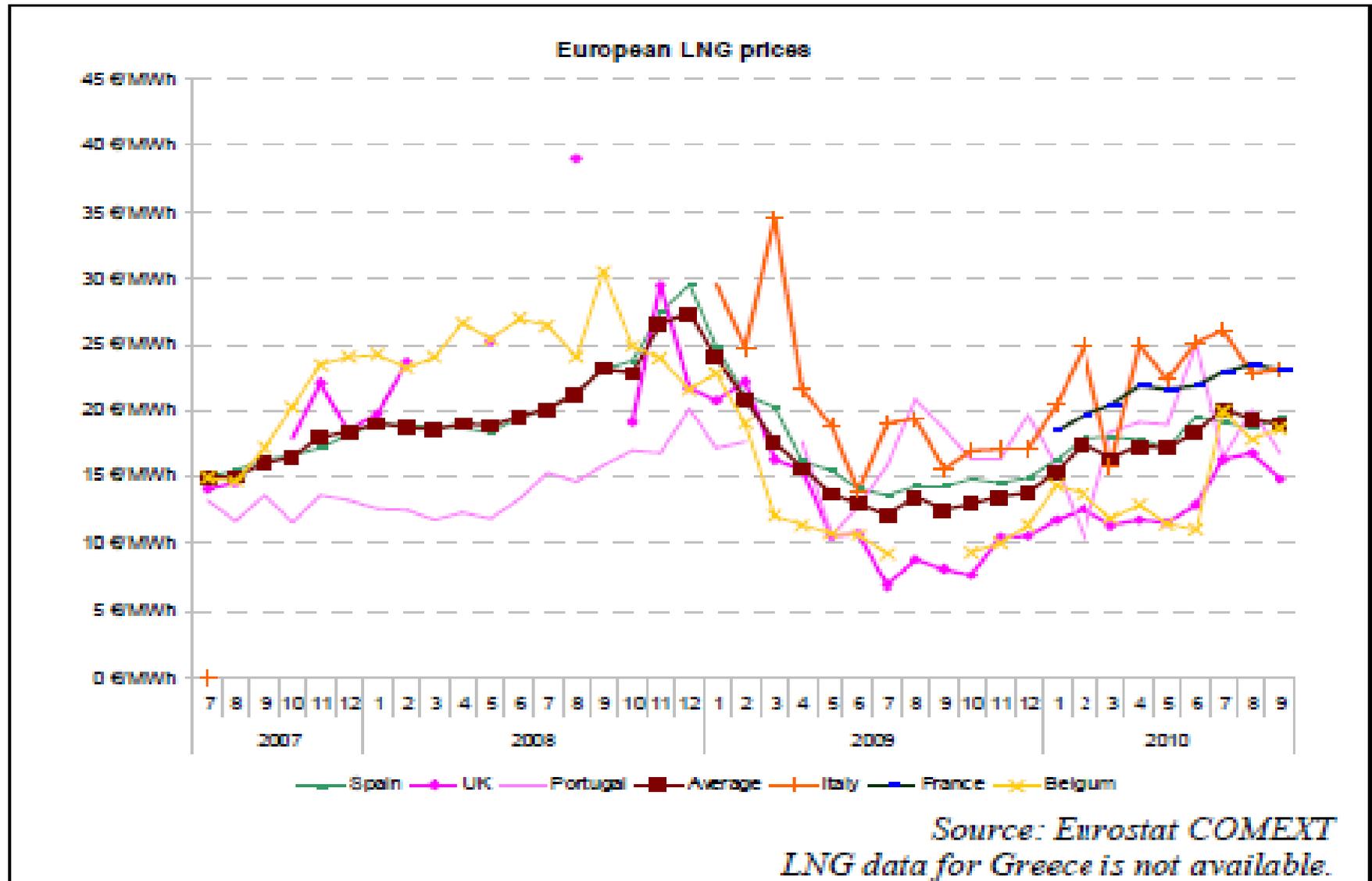**4** INTERCONNECTION BULGARIA-SERBIA (IBS)

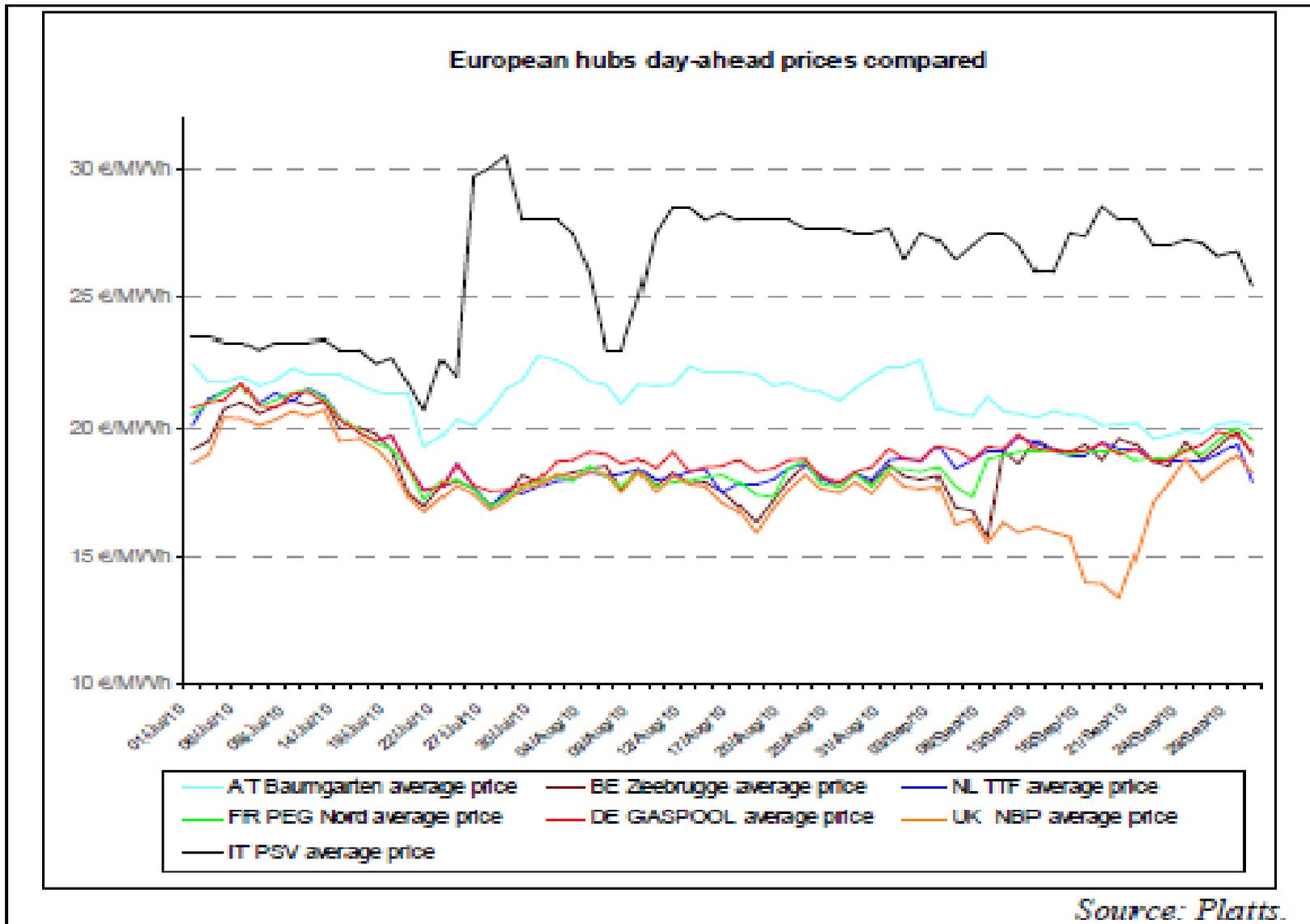**5** BLACK SEA CNG

LTC GAS PRICES IN SEE REGION

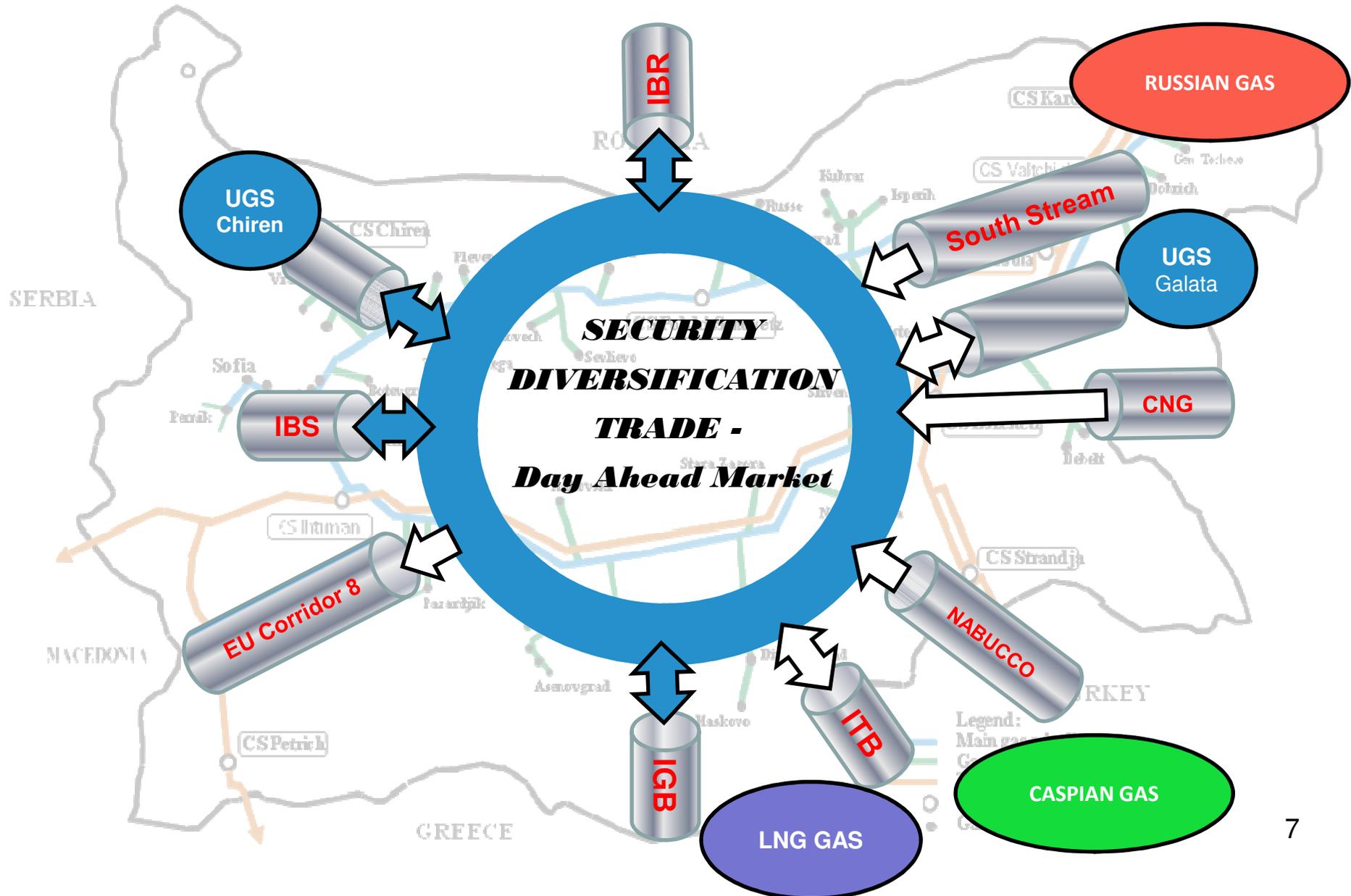**Source:** Market Observatory for Energy/DG ENER

SPOT LNG PRICES

European LNG prices

Source: Eurostat COMEXT
LNG data for Greece is not available.

Source: Market Observatory for Energy/DG ENER

EU HUBS DAY AHEAD PRICES

European hubs day-ahead prices compared

Legend:
- AT Baumgarten average price
- BE Zeebrugge average price
- NL TTF average price
- FR PEG Nord average price
- DE GASPOOL average price
- UK NBP average price
- IT PSV average price

Source: Platts.

Source: Market Observatory for Energy/DG ENER

FUTURE DEVELOPMENT OF SEE GAS MARKET

Thank you for your kind attention!

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