



Picture courtesy of Gas Connect Austria

# Security of supply situation in the EU and the EnC

Gas(es) markets in Ukraine – the Reform and the Outlook perspective, 26 June 2024, Kyiv

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# Introduction by Hendrik

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- ENSTOG and GAS TSO UA as an observer
- External contact platform meetings
- Gas TSO UA in the ReCo System for Gas
- Cooperation with EnC Secretariat (SEEGAS Region, SoS Coordination Group, other)
- Bilateral meetings with Gas TSO UA
- Including UA gas system into ENTSOG's simulations of supply disruption scenarios
- Support of Ukraine since the beginning of the war

# Gas Flows in Europe – Current Status

Low gas consumption in 2024 (as in 2023) remain

2023-2024 – relatively stable gas flows patterns:

High flows and usage of LNG terminals with reasonable fluctuations

Supply from Norway close to max levels

Fluctuations due to maintenance works (impact on gas prices observed)

High usage of capacities from the Northwest region

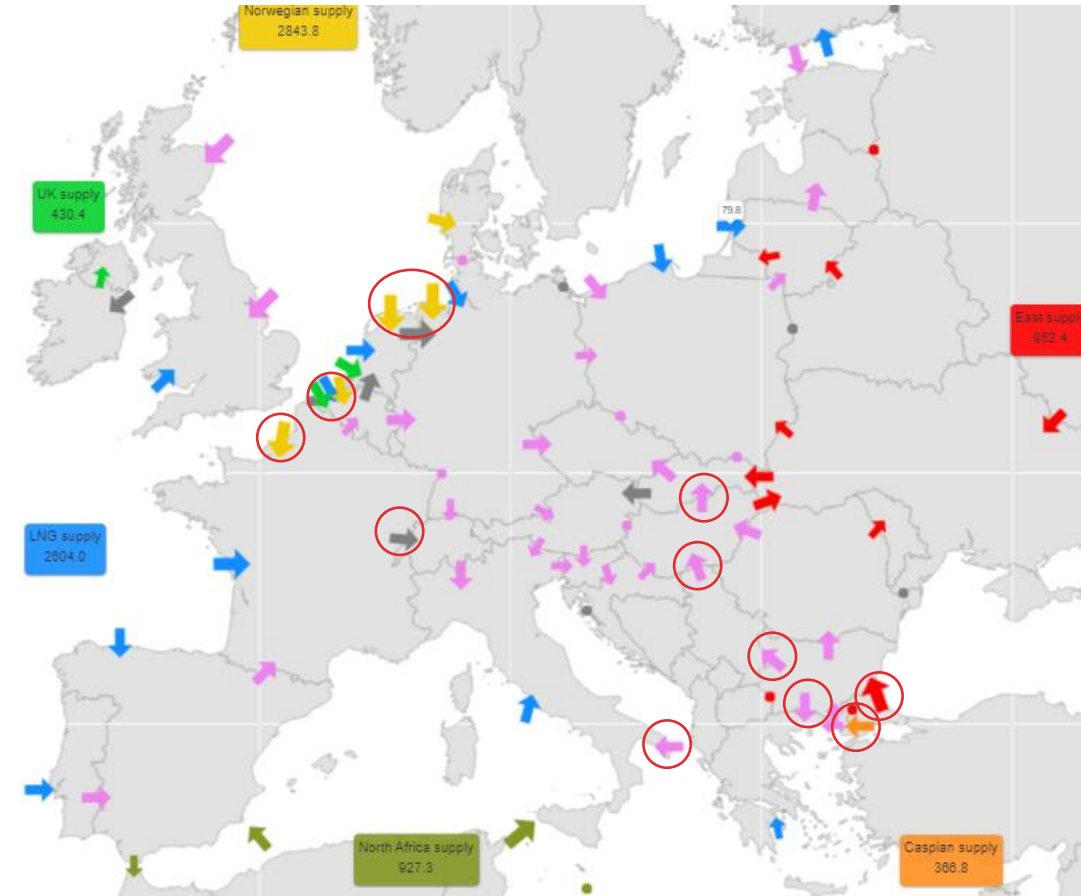
TAP – close to max capacity usage

North Africa – normal gas flows to Italy and Spain

Production:

Groningen field completely stopped

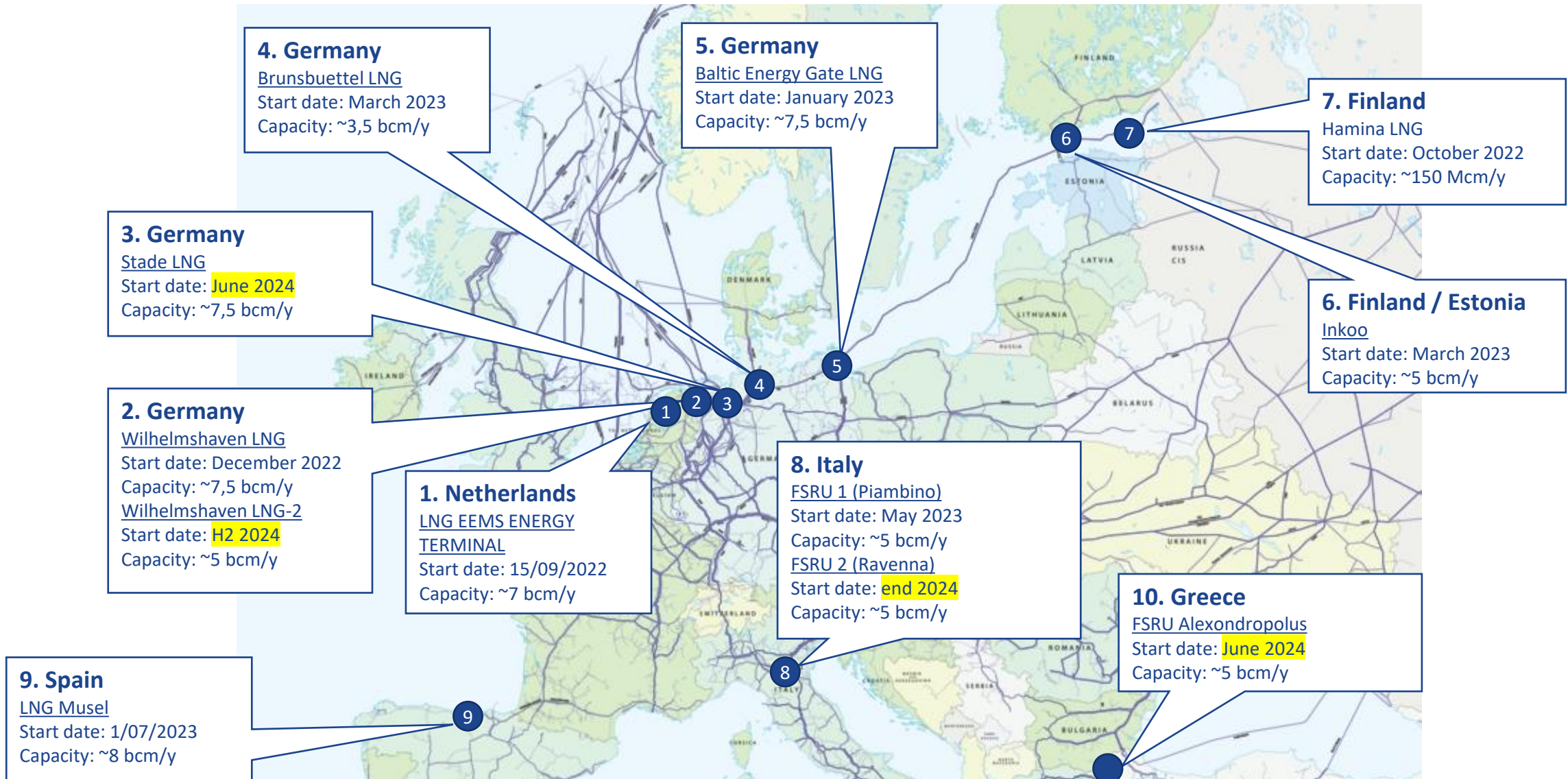
Danish productions reopened



 High usage of capacities

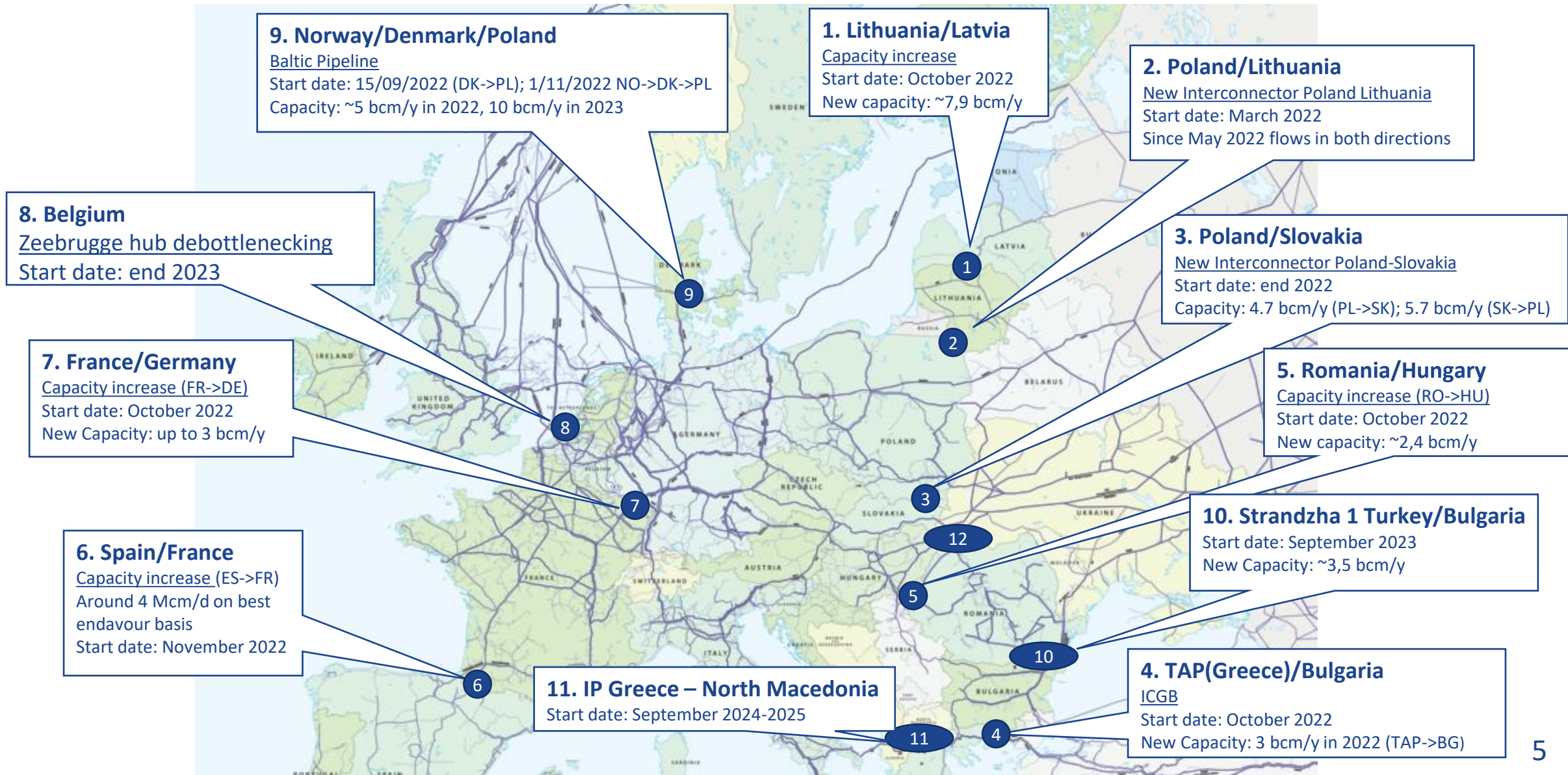
*Physical flows of gas from UA transit to SK, CZ, AT (further IT, SL)*

# New LNG & FSRU Projects 2022-2024





# New Infrastructure Projects 2022 - 2024



# ENTSOOG Assessments on SoS



Main outcomes, based on full ru supply disruption scenarios:

- High TSO systems flexibility
  - Some risks for specific areas in case of no ru supply and severe weather conditions (e.g. Balkans)
- Importance of LNG supply and diversification locations of LNG terminals
- Importance of high storage filling levels and high withdrawal capacities during winter periods
- Lower demand helps to avoid SoS risks
- Planning in advance helps
- Importance of close cooperation between MSs
- Efficient reaction of the gas market and availability to deliver gas to the EU is crucial



# 1 January 2025 and No Transit via Ukraine

- Gas flows pattern will be changed - more flows from West to Central and East (AT, SK, CZ) and Italy
- Russian gas will be replaced with more LNG to the EU:
  - Higher usage of capacities, e.g. Germany->Austria, Germany-> Czech Republic
  - Gas quality parameters will be changing in the Central East Region
- High storage filling level is crucial to pass the coming winters
- Usage of UA system for transporting gas between EU MSs will provide more flexibility and SoS
- Usage of UA storage will strengthen SoS
- Infrastructure development in the EU, and in particular connecting Balkan region will help, e.g.
  - FSRU Alexandropolis
  - Vertical corridor
  - New IP between Greece and North Macedonia



**Thank you for your attention**

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