

Gas markets and infrastructure / focus on Europe

Session II : Prospects for future natural gas and oil markets

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Energy Community Secretariat

Karolina Čegir

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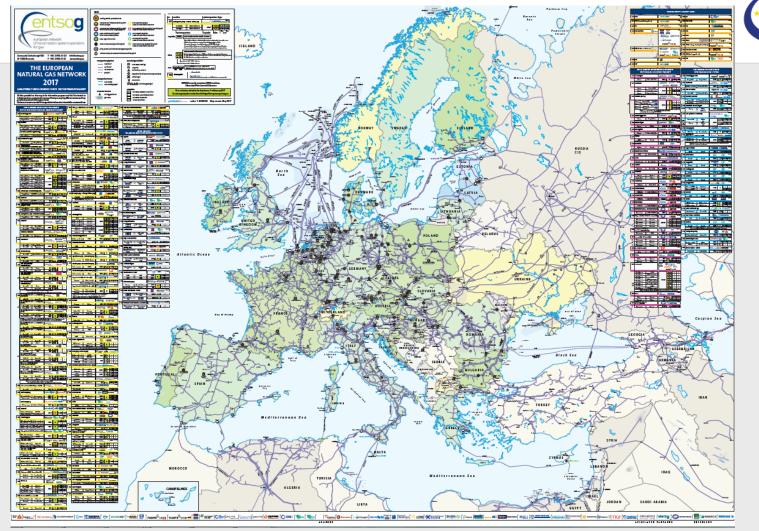


market or infrastructure?

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Approximately

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≻ 445.000 km

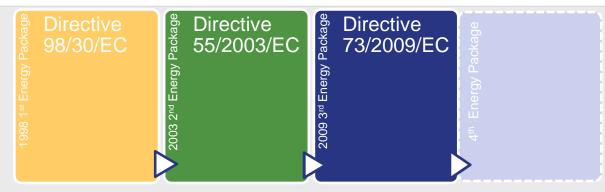
- EU 207.000 km
- EnC CPs 45.000 km
- Russia 172.600 km
- Turkey 13.400 km
- Algeria 7.500 km

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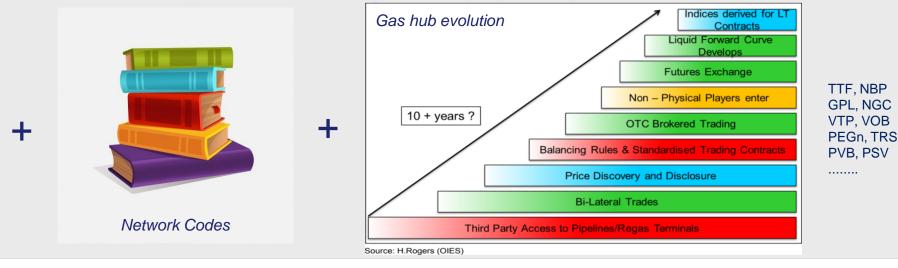
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Market laws and rules





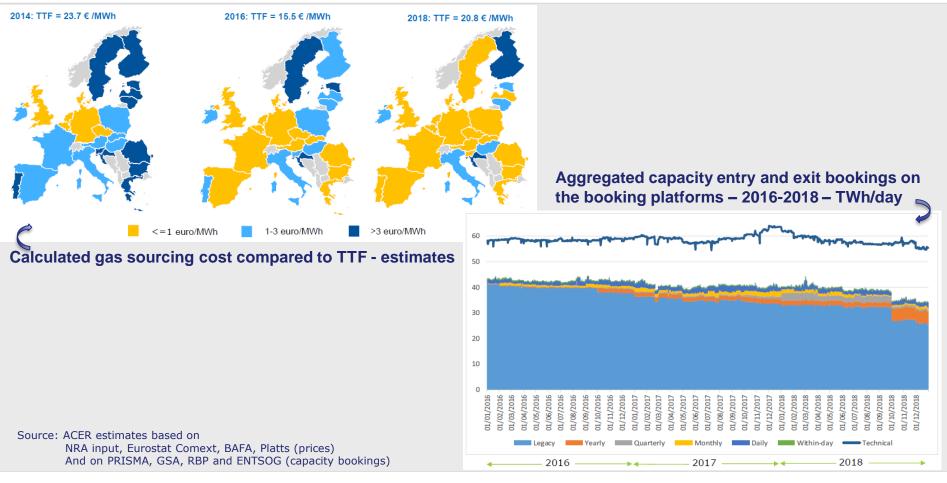
> 20 years of common rules for the internal market in natural gas



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Interaction between infrastructure and markets





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Focus on CE&SE Europe

- Long-term contracts
- Few sources of supply
- Delayed implementation of EU acquis
- Plans to develop national networks
- Interconnectivity to be increased





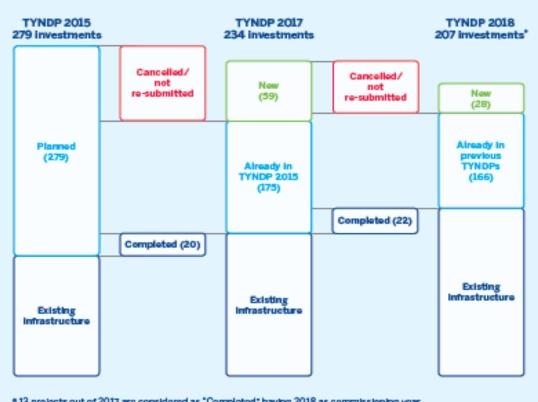
CESEC initiative

Combined measures: construction of missing infrastructure & fostering the implementation of pending EU rules (nationally and regionally)

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New gas infrastructure is still needed...









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Advanced

TRA

Less-Advanced

UCS

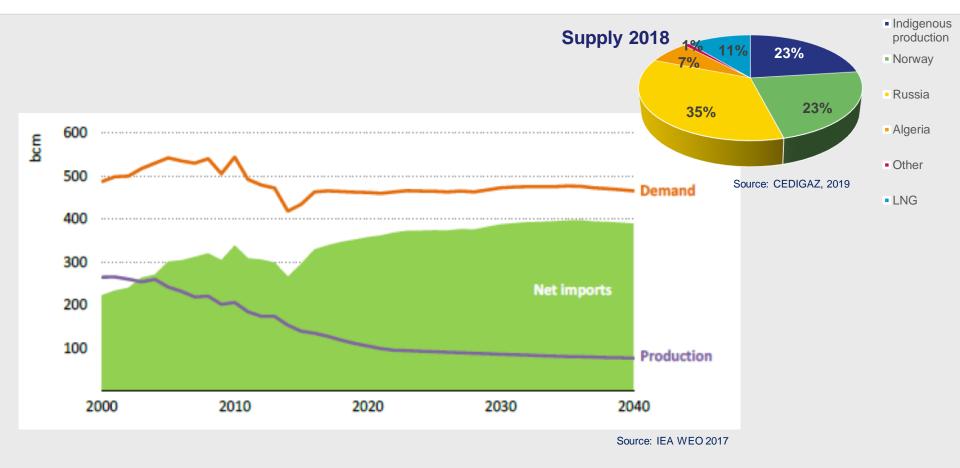
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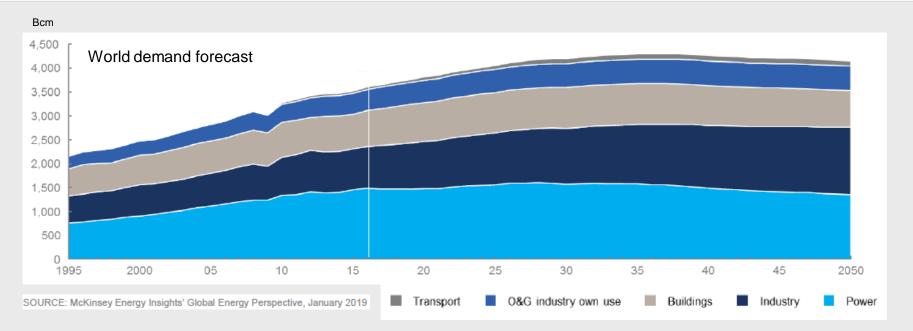
Gas demand in EU





Bright future for natural gas?

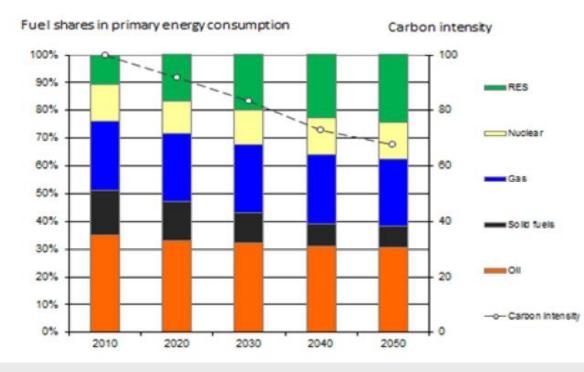




Gas is the only fossil fuel which grows its share of total energy demand until 2035 –albeit at declining growth rates –and then plateaus

Bright future for natural gas?



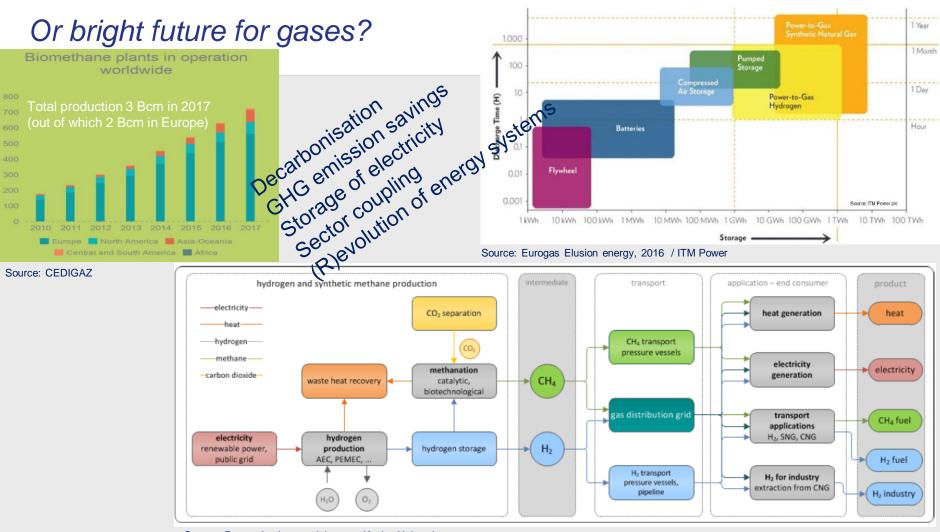


In the EU, natural gas declines least of all fossil fuels keeping more or less its current share of 25% through 2030 and loosing just one pp up to 2050

At the world level: 22,5% in 2030 to 22,2% in 2050

Source: EC Impact assessment 2030 Strategy, 2014

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Source: Energy Institute at Johannes Kepler University

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Different gases - access to the network Gas composition - appliances – producers – standards Cooperation / Coupling of different sectors in planning and in operation Electricity storage = gas production **Regulatory** issues **RES origin verification** New business models Flexibility



Thank you for your attention!

www.energy-community.org

karolina.cegir@energy-community.org

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