



Picture courtesy of Gas Connect Austria

8th meeting of Advisory Panel for Future Gas Grids on 6 Oct

Key take aways

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REPowerEU: Hydrogen Corridors



ENTSO-E – A one system approach is key. We need to step out of our comfort zone, we need an acceptance for corridors we are not completely sure about yet.

- REPowerEU proposals: We have to take the **one system approach**, as integration and flows between systems are complementary.
- On **offshore energy**: A crucial part is **how to connect it to the onshore grid**.
- Need for **social acceptance for H2 corridors, which we are not completely sure about**. It's unrealistic to have everything planned until 2050. If we just wait for no-regret measures, it might be too late. A balance with the public and regulators must be found. In the energy crisis, the most expensive thing is the energy commodity, not the infrastructure, which can help deliver it.

Port of Antwerp-Bruges – robust corridors and certainty of supply for industry a must.

- We believe in local production of green hydrogen. However, due to lack of space for H2 production in Belgium, **a large part of hydrogen will be needed to imported** (hydrogen – as well as derivatives such as ammonia or methanol). For imports **we need a hydrogen backbone**, we need to connect to the major industrial clusters and we need it fast.
- For us as a port with a multi-carrier strategy, we need **multimodal corridors to supply energy and feedstock** to steel and chemical industry.
- The industry is concerned that it will not be supplied in time. Also the **spec of hydrogen is an important question** - is it green? How can you prove it is green?

ENTSOG – we need to know the geography of electrolyzers, a coordinated planning of infrastructure is key.

- Hydrogen will lend stability to both electricity and gas system – for example to store energy for the winter, this is more efficient than overscaling renewables. **The more integrated the system, the more Security of Supply we will have.**
- We need to know, where the electrolyzers are and a **very coordinated planning of the siting of infrastructure**. For implementing the corridors: we should stick to best practices and what has worked well with TEN-E
- Companies who want to speed up their H2 activities **need the regulatory clarity urgently in order to be able to take decisions.**



Thank you for your attention

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