

On 28 June 2019, [REDACTED], [REDACTED] from GROW C2 met with ENTSOG (European Network of Transmission System Operators for Gas) representatives:

[REDACTED] (General Manager ENTSOG), [REDACTED] (Policy and Communication Manager ENTSOG)

ENTSOG wanted to discuss the future of Gas Grids and Decarbonising EU Industries and to exchange views on the potential for decarbonising gas and its impact on European energy-intensive industries.

ENTSOG was set by EU legislation to facilitate cooperation between Transmission System Operators and to support the internal gas market with infrastructure plans, supply outlooks, and the development of network codes.

With the decarbonisation of the EU energy by 2050, the gas infrastructure will play a major role in transportation of energy (gas is 6 times more efficient wrt. transportation costs than electricity). 20% of electricity in the EU is generated from gas. Gas infrastructure is flexible with regard to seasonality of energy demand.

3 pathways are to be considered for decarbonisation of gas: biogas and synthetic methane, blending with H₂ and pure H₂. Pyrolysis will convert methane in H₂ and solid carbon. Biogas production will increase by a factor 20. Hydrogen can be produced through various ways.

The Hybrid Energy System is to be built on increasingly decarbonised electricity and gas.

ENTSOG advocates for dynamic incentives, regulatory stability and new business models in the sector.

ENTSOG Message for Gas Package 2020:

- Synergies
- EU + MS hybrid energy carrier systems
- Sector integration electricity gas
- Improve regulation/coordination between electricity and gas
- Ensure level playing field for Green Energy Technologies
- Innovate with gas for consistent technology for renewable and decarbonised gas

See more about the ENTSOG views and policy recommendations in the attached PPT.