



UK Green Gas Day 2024
5 September 2024

James Watson, Eurogas

Production and potential (with a European view)

Eurogas: A European association of 105 members from 28 countries across the gas(es) value chain.

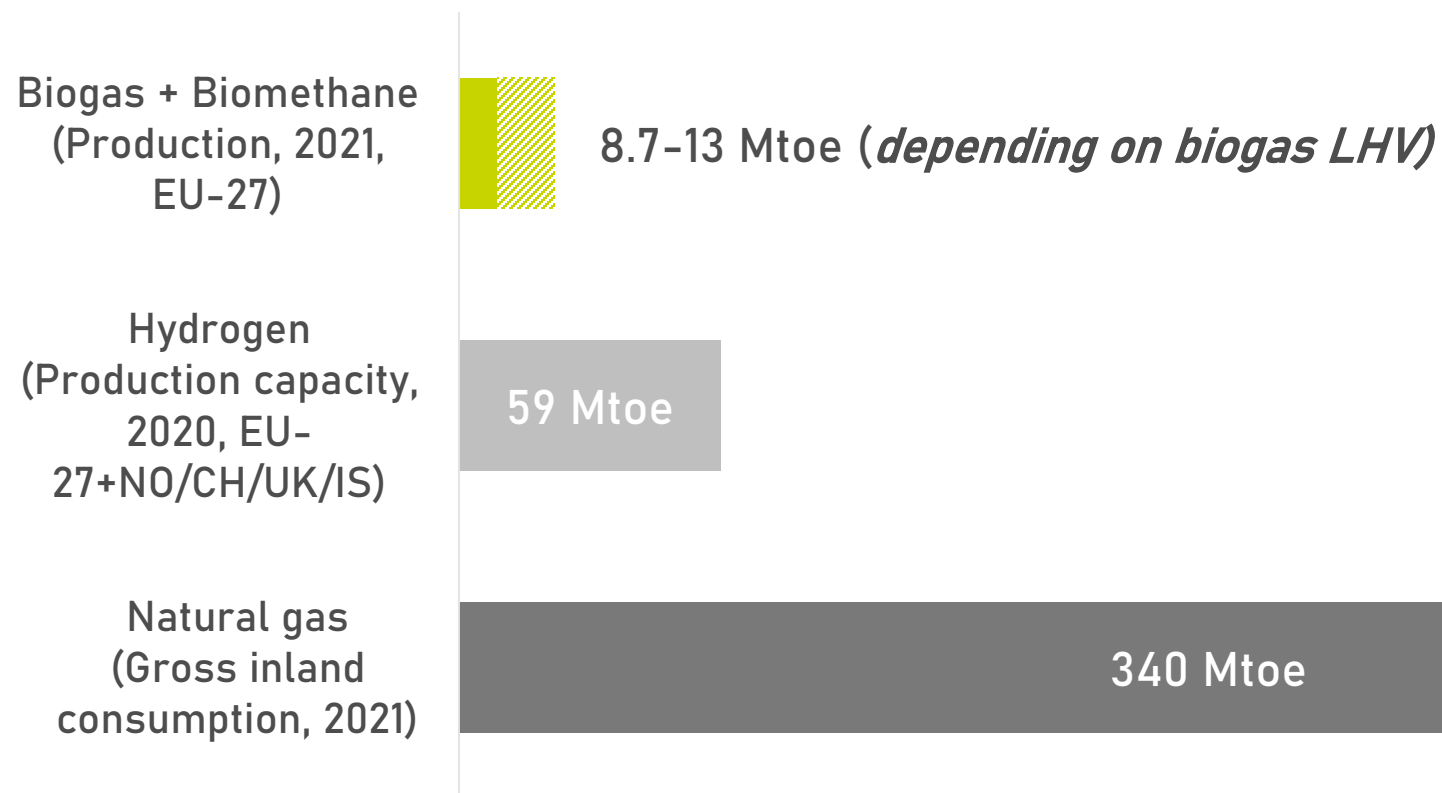


Context

- › Biomethane heavily discussed as a (domestic) source of renewable energy, a mean to reduce GHG emissions and a solution for Security of Supply
- › Heavily embedded in the solutions considered in the Fit-For-55 package
- › Several attempts to reinforce its role in the Gas Package
- › Stronger (indicative) ambitions voiced in the REPowerEU

Now that most of the EU policy framework associated to the Green Deal is adopted and that the EU is looking at 2040; what are concretely the short-term regulatory challenges & incentives to develop biomethane in the EU?

Relative importance in the EU



Graph intended to showcase orders of magnitude
Production ≠ Production Capacity ≠ Consumption
Toe = tonne of oil equivalent

REPowerEU and 2040 climate targets

Indicative ambitions vs. real commitment



Brussels, 18.5.2022
COM(2022) 230 final

**COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN
PARLIAMENT, THE EUROPEAN COUNCIL, THE COUNCIL, THE EUROPEAN
ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE
REGIONS**

REPowerEU Plan

Scaling up biomethane

Boosting sustainable biomethane production to 35 bcm by 2030 is a cost-efficient path to achieve our ambition to reduce imports of natural gas from Russia. To increase the capacity of biogas production in the EU and promote its conversion into biomethane, the estimated investment needs amount to EUR 37 billion euro over the period.

REPowerEU and 2040 climate targets

Indicative ambitions vs. real commitment



38th European Gas Regulatory Forum

POLICY UPDATE

Mechthild Wörzdörfer
Deputy Director-General, DG ENERGY

Madrid, 25-26 April 2024

17 Biogas and biomethane update

- REPowerEU set a clear but non-binding target of **35 bcm** of EU annual production of sustainable biomethane in 2030.
- National Energy and Climate Plans (NECPs) to include national targets for biogas/biomethane at the level of the respective identified national potential to jointly reach the target by 2030.
- Large majority of Member States have reported planned investments in biogas/biomethane of about **32 bcm biomethane by 2030**. There is still an untapped potential to deploy.
- Commission, Member States and industry are jointly working in technical task forces of the **Biomethane Industrial Partnership (BIP)** on removing barriers, speeding up development and deploying of investments.

No longer biomethane only, now biogas AND biomethane

Fit-For-55 package

Concrete impact of end-uses policies

- › Biomethane in the **Renewable Energy Directive** as one of the renewable energy → Possible participation to overall renewable target, targets in transport, heating & cooling, industry → Will depend on national strategy → *NECP update*
- › **End-uses policies:** incorrectly, biomethane associated with “fossil” technologies. But technologies-targeted policies are not adapted to the transition:
 - Evidence #1: CO₂ standards for light/heavy-duty road vehicles: Internal Combustion Engines vs. Zero-Emissions based on tailpipe emission
 - Evidence #2: Home boiler ban based on the combustion technologies

Predicting end-use consumption trends is difficult; interlinked policies!



Thank you!

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