OUR VISION FOR BIOMETHANE

Biomethane is the most cost effective, scalable and sustainable renewable gas available today¹. Biomethane has a long-term role to play in the future climate-neutral energy system, to meet the "Fit For 55" reduction of GHG emissions target (55% by 2030). Furthermore, biomethane contributes to sustainable agriculture, rural jobs that are hard to displace and recovery of waste streams. Biomethane therefore should be scaled up rapidly across the EU. This requires increased investments, policy support, cost reductions and optimising overall revenues for producers.

Biomethane finds use across the economy and has a particularly high energy system value in:

- industry (for high temperature heat that cannot be electrified, or for biogenic carbon feedstock);
- power (to balance the grid with storable and dispatchable energy);
- transport (for long distance heavy transport and maritime that cannot easily be electrified);
- buildings (in existing buildings with gas connections through hybrid heat pumps).

We, the undersigned companies and associations, seek to mobilise the biomethane supply chain to highlight the benefits and opportunities related to biomethane and to partner with public stakeholders to ensure support for a large, Europe-wide scale-up and use of sustainable biomethane. We collectively have the ambition to scale up biomethane application in Europe. We believe that 350 TWh², or 33 billion cubic meters, by 2030 is achievable, avoiding about 110 Mt CO_{2eq} emissions³.

This scale-up can be achieved through collaboration along value chains, partnerships on large and innovative investment plans and by reducing production costs, and to make such projects visible. We wish to partner with European and national institutions to optimise the role of biomethane in achieving climate targets and to remove regulatory barriers. We look forward to cooperating with all interested stakeholders to boost biomethane in Europe.



- ¹ We consider renewable methane from various sources, such as via anaerobic digestion, gasification and as synthetic methane produced from renewable electricity and carbon dioxide.
- ² This equates to around 10% of projected natural gas consumption in 2030. Based on European Commission (2018) 'A Clean Planet for all' communication.
- ³ Savings are based on a comparison of lifecycle emissions, and result from avoiding emissions from natural gas production and use, avoiding alternative waste treatment, avoiding fossil fertiliser production, increasing soil carbon accumulation and capturing carbon dioxide. Depending on the set-up of production pathways, the total savings could even be higher.

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⁴ Sequential cropping (multicropping) is the cultivation of a second crop before or after the harvest of the main food or feed crop on the same agricultural land during an otherwise fallow period. Sequential cropping does not impact existing food or feed markets as no existing food or feed is used for biogas production.

enhance the green transition. Nature Energy trades

and markets the biomethane across Europe to both

utilities and industry.

by 2030.

⁵ European Commission (2018) 'A Clean Planet for all' communication.

improves. Biogasdoneright can be replicated

across Europe and become a cornerstone in

sustainable biomethane production scale-up.