

FOR IMMEDIATE RELEASE

EBA presents new publication showcasing the latest developments from the biogas and biomethane sectors

- **The ‘Renewable Gas Success Stories’ feature 93 organisations involved in the transition towards carbon neutrality and a resource efficient economy.**
- **The success stories cover 50 case studies focusing on cutting-edge technologies, innovative applications and practice-oriented research tackling the whole renewable gas value chain.**
- **This publication showcases the efforts of the industry to scale-up renewable gases and boost the socio-economic and environmental benefits of the sector.**

The ‘Renewable Gas Success Stories’ have been drafted in cooperation with EBA members. The publication features 93 companies and research institutes working in the renewable gas sector and gathers 50 successful projects contributing to the scale-up of the renewable gas industry including:

- Cutting-edge technologies enhancing the technological and environmental performance of renewable gas plants.
- Innovative applications and services in different sectors, including transport, waste-management or the agrobusiness.
- Latest practice-oriented research activities tackling the whole renewable gas value chain.

Biogas and biomethane can play a strategic role in the transition towards carbon neutrality and a resource-efficient economy. Our industry is constantly working on the implementation of technological improvements to facilitate the decarbonisation of the energy sector. Renewable gases are also a solution to tackle other environmental challenges. By using organic feedstock to produce biogas and biomethane we are turning waste into a valuable resource. The production of these renewable gases from agriculture and farming residues and the use of digestate as biofertiliser supports the development of a more sustainable and efficient primary sector.

This publication demonstrates that the potential of the sector is tremendous and diverse. It is the narrative on how the industry is improving the performance of plants such as the world’s largest facility for integrated on-site biogas production and upgrading. This plant includes a liquefaction process to use biomethane as a vehicle fuel. The sector is also looking at new applications and valorisation routes. Large-scale biogas upgrading systems can, for instance, inject renewable gas into the national grid while providing a second value stream of high-quality liquid CO₂.

Some of the successful projects explore sustainable alternatives and synergies, such as the development of regenerative farming systems. This promotes the sustainable use of agricultural feedstocks, while simultaneously boosting carbon capture, local biodiversity, soil organic matter and, consequently, soil fertility. **Other projects are based on innovative services to facilitate the deployment of renewable gases**, including support for the commercialisation and injection of biomethane into the grid. **The use of high-tech is also underpinning the development of the sector** with initiatives such as the conception of an advanced sensor technology to detect, localise and quantify methane emissions using integrated drone-based systems.

[Download the booklet here](#)

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About EBA: The European Biogas Association is the voice of renewable gas in Europe since 2009. EBA advocates the recognition of biomethane and other renewable gases as sustainable, on demand and flexible energy sources that provide multiple knock-on socio-economic and environmental benefits. Supported by its members, EBA is committed to work with European institutions, industry, agricultural partners, NGOs and academia to develop policies which can enable the large-scale deployment of renewable gases and organic fertilisers throughout Europe, supported by transparent, well-established sustainability certification bodies to ensure that sustainability remains at the core of the industry. The association counts today on a well-established network of over 100 national organisations, scientific institutes and companies from Europe and beyond.