

International Newsletter #8

September 2026



BIOMETHAVERSE (Demonstrating and Connecting Production Innovations in the Biomethane Universe) sets out to diversify the technology basis for biomethane production in Europe, increase its cost-effectiveness and contribute to the uptake of biomethane technologies. To this aim, 5 innovative biomethane production pathways are being demonstrated in five European countries: France, Greece, Italy, Sweden and Ukraine.

News from the biomethane universe

Find out what is tending in the biomethane, biogas and renewable energy sector

EUROPE ADDS 1 BCM OF BIOMETHANE CAPACITY, BUT DEPLOYMENT CAN MOVE FASTER

Europe's biomethane sector has surpassed 8 bcm of annual production capacity for the first time, reaching 8.2 bcm/year by the end of Q2 2026. This represents a 17% increase compared with 2025 and more than 1 bcm of new capacity added in just one year.

The [European Biomethane Map](#) and [Biomethane Investment Outlook](#) also record EUR 36 billion in investment commitments. If fully realised, these projects could deliver a further 9 bcm/year of production capacity by 2030.

The figures confirm strong momentum while also highlighting the need for stable and supportive regulatory frameworks to unlock Europe's remaining biomethane potential.

[READ THE ORIGINAL ARTICLE](#)



GLOBAL INDUSTRY LEADERS CALL FOR RENEWABLE GASEOUS FUELS TO BE RECOGNISED BY THE GHG PROTOCOL

Around 90 global industry leaders have called on the Greenhouse Gas Protocol to recognise the environmental and climate benefits of renewable gaseous fuels in its forthcoming Actions and Market Instruments standard.

Through the [Let Green Gas Count campaign](#), the signatories are asking the framework to recognise contractual purchases and align with established market practices. They warn that the current lack of guidance on market-based instruments is slowing decarbonisation efforts and limiting investment in proven renewable gas technologies.

Clearer recognition could help unlock these markets and support corporate net-zero strategies worldwide.

[READ THE ORIGINAL ARTICLE](#)



Pills from the project

Discover project activities and insights coming from BIOMETHAVERSE's research team



BIOMETHAVERSE PARTNERS MEET IN KALMAR FOR THE 8TH GENERAL ASSEMBLY

On 16 and 17 June 2026, BIOMETHAVERSE partners gathered in Kalmar, Sweden, for the project's 8th General Assembly and Technical Workshop.

As the project enters a crucial phase, the consortium reviewed progress across the [five demonstration sites](#) and coordinated the next steps for assessment, replication, communication and exploitation. The discussions highlighted promising early results as well as the technical challenges still being addressed across the pilots.

Partners also visited the More Biogas facility and the Swedish methanation pilot, which was relocated to Kalmar and restarted in spring 2026. The next months will focus on consolidating operational data and translating pilot experience into robust technical, environmental, economic and social evidence.

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Flashes from our Demos/Countries

Updates from our pilot demonstration sites, where innovations in the biomethane universe happen!

IN-SITU AND EX-SITU ELECTRO-METHANOGENESIS (EMG) IN FRANCE



The French electromethanogenesis demonstration site has resumed experimental activities following the technical issues encountered in spring 2026.

Repair and recommissioning were completed through close cooperation between the project teams and the host biogas plant, allowing both pilot configurations to return to operation.

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EX-SITU BIOLOGICAL METHANATION (EBM) IN ITALY



All units at the Italian demonstration site are now installed and operational.

The container housing the ex-situ biological methanation and co-digestion systems has been fully equipped and completed at the Bresso wastewater treatment plant, while the commissioning of the second full-scale industrial digester is under way.

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EX-SITU THERMOCHEMICAL CATALYTIC METHANATION (ETM) IN GREECE

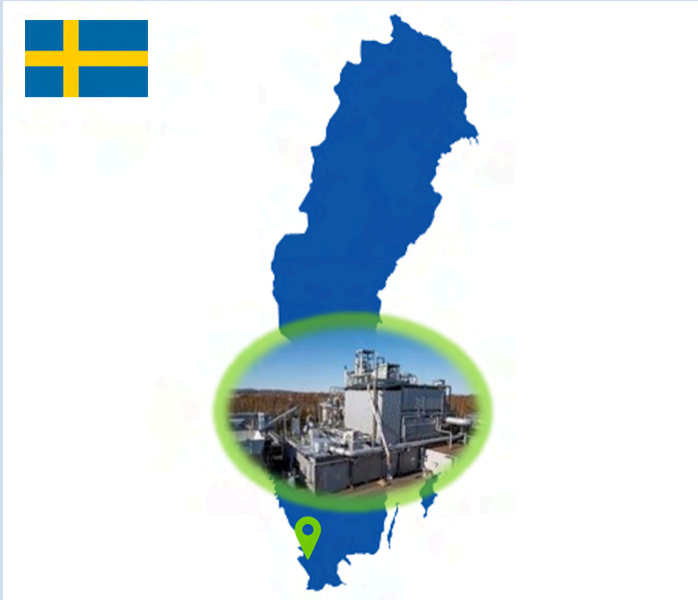


The Greek ETM pilot at Biogas Lagadas has completed commissioning and preliminary trials and is moving into full operation.

The three fixed-bed methanation reactors, pre-treatment line and balance-of-plant equipment are installed within the containerised unit, while civil and electromechanical works have been completed.

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EX-SITU SYNGAS AND BIOGAS BIOLOGICAL METHANATION (ESB) IN SWEDEN

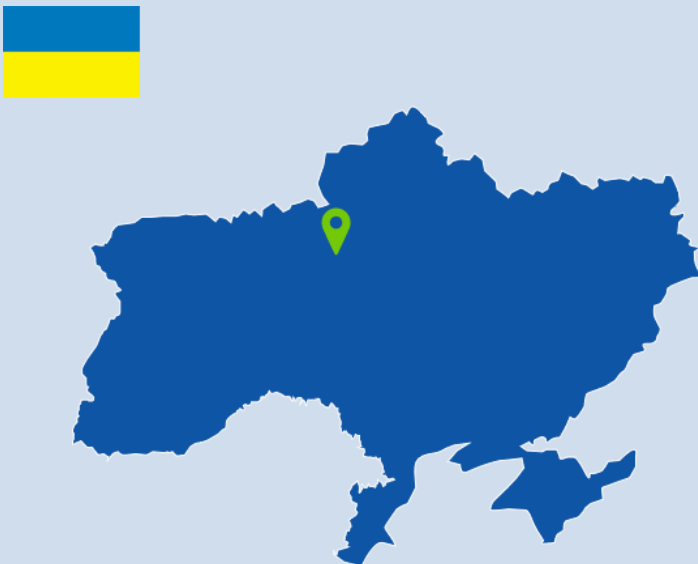


The Swedish Trickle Bed Reactor pilot continues to deliver promising results at the More Biogas site in Kalmar.

By adding renewable hydrogen to biogas, the process upgrades the gas to high-quality biomethane while maintaining stable operation across different flow rates.

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IN-SITU BIOLOGICAL METHANATION (IBM) IN UKRAINE



Ukraine is accelerating the development of its biomethane sector through new legislation, production targets and growing industrial capacity.

On 2 September 2026, the Verkhovna Rada adopted legislation aligning the country's renewable-energy framework with EU rules, including European sustainability and greenhouse-gas reduction criteria for biofuels.

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Meet the BIOMETHAVERSE Team

The BIOMETHAVERSE multidisciplinary consortium includes 22 partners from 9 European Countries on a 5-year mission to test and deliver market-ready innovations in biomethane production.



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