

Recognition of biomethane among the strategic technologies in the Net-Zero Industrial Act

Brussels 16/03/23 – EBA welcomes the recognition of biomethane among the strategic net-zero technologies in the Net-Zero Industrial Act. The new regulation proposal puts the supply of clean technologies at the center. Earlier last year the REPowerEU's action plan featured the objective of 35 bcm (370 TWh) annual biomethane production by 2030, a twelve-fold increase from 2020 production volumes. Today's NZIA proposal will facilitate the roll-out of the necessary industrial capacity to achieve the REPowerEU's objective.

The whole biomethane value-chain, including manufacture of Anaerobic Digestion and Gasification systems, is solidly based in the EU. EBA also supports the Commission's plan to monitor workforce demand and supply and to facilitate the set-up of training programs. The biogas and biomethane sector today provides more than 220,000 jobs and will provide 420,000 and 1 million jobs, by 2030 and 2050 respectively.

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About the European Biogas Association (EBA)

The EBA is the voice of renewable gas in Europe. Founded in February 2009, the association is committed to the active promotion of the deployment of sustainable biogas and biomethane production and use throughout the continent. The association counts today on a well-established network representing the whole biogas and biomethane value chain.

About biogas and biomethane

Biogas is produced from the decomposition of organic materials. These residues are placed in a biogas digester in the absence of oxygen. With the help of a range of bacteria, organic matter breaks down, releasing a blend of gases: 45 – 85 vol% methane (CH₄) and 25 – 50 vol% carbon dioxide (CO₂). The output is a renewable gas which can be used for multiple applications.

Biomethane – purified biogas – is a renewable alternative to natural gas. Its multiple applications include heat and power supply for our buildings and industries, and renewable fuel production for the transport sector.