

EBA praises the decarbonization potential recognition of clean heating technologies running on renewable gases

Brussels 14/02/23 – On the 14th of March, the European Parliament adopted in Plenary sitting the ITRE Report on the revision of the [Energy Performance of Buildings Directive](#), a milestone in the decarbonization of the buildings sector. EBA praises the European Parliament for clearly recognizing the decarbonisation potential of heating technologies certified to run on renewable gases, such as biogas and biomethane. Buildings are the EU's single largest source of energy consumption, accounting for 36% of CO₂ emissions and 40% of total energy consumption, of which 60% is taken up by heating. Renewable energy sources in the heating and cooling sector are lagging behind and covered only 23% of energy consumption. In order to ensure that EU buildings are ready to positively contribute towards a carbon neutral, resilient and cost-effective energy system, all clean heating technologies will be needed.

Hybrid heat pumps and boilers running on renewable fuels are affordable, mature, and scalable solutions that can as of now complement electrification and play a fundamental role in phasing out fossil gas by 2050 and achieving the EU's climate objectives.

The upcoming interinstitutional negotiations within European Parliament and Council will be a precious opportunity to provide a level playing field for the further deployment of heating technologies running on renewable fuels.

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.

About the EBA

The EBA fully believes in the future potential of renewable gas in Europe. Founded in February 2009, the association is committed to the deployment of sustainable biogas and biomethane production and use throughout the continent. EBA counts today on a well-established network of over 200 organisations covering the whole biogas and biomethane value chain across Europe and beyond.

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