

PRESS RELEASE

EnviTec Biogas realises first combined biogas and biomethane plant in Estonia
Promoting regional circular economy through biomethane

Lohne/Saerbeck, July 9, 2026 With the successful commissioning of a combined biogas and gas upgrading plant for its customer Halinga OÜ, EnviTec Anlagenbau GmbH & Co. KG is supporting the Estonian dairy company in achieving its environmental and sustainability targets. The plant, located in the municipality of Langerma in the Pärnu region, is the fourth gas upgrading plant delivered by the globally active biogas all-rounder in Estonia. “Thanks to our proven and sustainable membrane-based gas upgrading technology, our customer decided to also entrust us with the raw biogas production for this project,” explains Roland Kurney, Project Manager at EnviTec Anlagenbau GmbH & Co. KG. Halinga therefore represents the first fully integrated plant built by EnviTec in Estonia. The plant was officially opened on 16 June in Langerma, Põhja-Pärnumaa.

The project was realised within just one year in close cooperation between Halinga OÜ and EnviTec Biogas. “During the construction phase, the customer took responsibility for all civil works, building construction, site setup and overall interface management,” adds Kurney. The new biogas plant, including the EnviThan gas upgrading unit, uses slurry and organic residues generated by the dairy operation as feedstock and produces around 600 Nm³ of biomethane per hour.

Halinga OÜ is part of the internationally active Infortar AS Group. The consortium, comprising 107 companies, focuses primarily on maritime transport, energy and real estate. Together with partners, Infortar has invested around EUR 30 million in biomethane plants. In the Baltic market, biomethane is not exported but used locally as a climate-friendly fuel. “With the successful introduction of CNG refuelling, we are now able to use the biomethane produced directly on site as a climate-friendly fuel. This enables us to efficiently close our value chain and make a further important contribution to sustainable mobility in the region,” says Martti Talgre, Managing Director of Infortar AS. The main off-takers of the green fuel include public transport operators in Tartu, Rakvere and Pärnu.

Funded by the European Union through the NextGenerationEU Recovery and Resilience Facility, the project not only strengthens the green transport sector but also enhances regional value creation. “The digested substrates are temporarily stored in two lagoons and subsequently applied in agriculture as high-quality fertiliser,” Kurney continues. With more than 3,000 animals and 3,700 hectares of land, Halinga OÜ is one of Estonia’s largest dairy producers and a significant regional employer.

“Estonia offers a highly attractive environment for investment in renewable energy,” concludes Lars von Lehmden, Managing Director of EnviTec Anlagenbau GmbH & Co. KG. The EnviThan plants built by EnviTec in Estonia now enable the supply of approximately 199 GWh of domestically produced biomethane to the Estonian transport sector each year. This is equivalent to enough fuel for the climate-friendly operation of around 6,000 to 7,000 trucks per year. The market continues to grow, von Lehmden adds, particularly in the field of CO₂ liquefaction, where there is currently strong demand. LCO₂ is an essential raw material used in the beverage industry, for example for cooling, freezing and carbonation. In addition, liquid CO₂ is utilised in numerous other industrial applications, including the chemical industry. It also offers versatile potential in the production of synthetic fuels, particularly in the context of the energy transition.

About EnviTec Biogas AG

EnviTec Biogas AG covers the entire value chain for the production of biogas, including the planning and construction of biogas plants and biogas upgrading plants as well as their commissioning. The company takes charge of biological and technical services on demand and also offers operational management services. EnviTec operates 91 own plants, making it one of the largest biogas producers in Germany at present. EnviTec’s business activities also include the production and marketing of climate-neutral fuels (bio-LNG) for the transport sector as well as food-grade liquid carbon dioxide (LCO₂) and the planning and operation of wind and solar projects. With a presence in 18 countries worldwide, EnviTec Biogas AG is represented by its own companies, sales offices, strategic partners and joint ventures. In 2025, the EnviTec Group generated revenue of EUR 312.6 million and EBT of EUR 26.0 million. The Group currently employs some 700 people. EnviTec Biogas AG has been listed on the Frankfurt Stock Exchange since July 2007.

Contact:

Katrin Hackfort

EnviTec Biogas AG

T: +49 25 74 88 88 - 810

E: k.hackfort@envitec-biogas.de

