



Pressemitteilung

Press release · Communiqué de presse

Vechta, October 2023

WELTEC BIOPOWER presents biogas technologies at the Salón del Gas Renovable in Valladolid

Spain has a very strong food sector and an intensive agriculture and livestock industry. As a result, the untapped feedstock potential for biomethane production is very large. According to the Spanish trade association Sedigas, up to 163 terawatt hours of biomethane could be produced per year if all available sources were used consistently.

WELTEC BIOPOWER supports this project with the construction of individual, technically mature solutions made of stainless steel up to a plant size of ten megawatts. Slurry and fermentation residues produced in the biogas process can be processed into water, fertilizer concentrate and valuable solids in a four-stage process using Kumac treatment technology. This process offers a viable, scalable solution, particularly in agricultural regions.

„Not least on the basis of the modular design of our digesters, a consistently high quality of the stainless steel tanks and efficient digestion of the input materials are also ensured. The technologies have already proven themselves in over 25 countries under very different climatic conditions,“ reports Alain Priser, International Sales Manager at WELTEC BIOPOWER.

For example, in September 2023, the biomethane plant of CycleØ, a complete biomethane supplier, was inaugurated in Granja La Carbona, Spain, in the province of Lleida. For this project, WELTEC BIOPOWER supplied a high-quality digester made of Duplex stainless steel. The developer, owner and operator of the biomethane plant is also planning to collaborate on another project with the German biogas plant manufacturer in the coming months. „Such measures will relieve farmers and their livestock farms in their manure management and support the goal of becoming climate neutral by 2050,“ knows Mark Kornweibel, WELTEC BIOPOWER’s Spanish sales partner.

To provide further information on the use of different substrates and the biogas technologies required for this, the team from WELTEC BIOPOWER will be available at the Salón del Gas Renovable trade fair: On October 3 and 4, Mark Kornweibel and Alain Priser will inform interested professional visitors about technologies and services of the biogas plant manufacturer at the III Renewable Gas Fair in Valladolid at WELTEC BIOPOWER’s booth 253.

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Organic energy worldwide

Pictures/Captions



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WELTEC BIOPOWER GmbH · Zum Langenberg 2 · 49377 Vechta · Germany

Phone: +49 4441 99978-0 · Fax: +49 4441 99978-8 · E-mail: info@weltec-biopower.de · Internet: www.weltec-biopower.com



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Company Portrait

Since its foundation in 2001, the **WELTEC** group of companies from Vechta in Lower Saxony has developed into one of the world's leading specialists for the construction and operation of biogas and biomethane plants. The Group covers the entire biogas value chain with the design, planning, and construction of energy plants, permanent and temporary plant operation, 24/7 service, and sustainable utilization concepts for output streams.

One of **WELTEC BIOPOWER's** strengths is the construction of individual, technically sophisticated solutions up to a plant size of ten megawatts. A central element here is the high proportion of components developed in-house. Stainless steel technologies also ensure flexible substrate use, fast assembly with low effort, and a consistently high-quality standard regardless of location. After commissioning, **WELTEC's** mechanical and biological service significantly ensures economic efficiency.

The company has just as much experience in the field of biogas production and utilization. At ten of its sites and five sites operated for a fund, the plants produce around 165 million standard cubic meters of biogas annually. Some of this is processed into biomethane and made available to energy suppliers and filling station operators throughout Germany via the public gas network. Furthermore, at 16 locations, municipalities and companies, such as those in the gardening, housing, and healthcare sectors, are supplied with decentralized heat as part of **WELTEC's** energy contracting.

Proximity to customers and investors is an important concern for the biogas specialist, which is why the Group is represented worldwide with its sales and service network. Customers include companies from the waste and food industries, agriculture, and the wastewater sector. The **WELTEC** Group and its 164 employees have implemented over 350 energy plants in more than 25 countries on five continents. The biogas specialist thus ensures annual savings of around 600,000 tons of CO_{2eq}.

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Lena Harms
Marketing
WELTEC BIOPOWER GmbH
Phone: +49 4441/99978-220
Email: presse@weltec-biopower.de

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