



Pressemitteilung

Press release · Communiqué de presse

Vechta, August 2022

Plant manufacturer WELTEC BIOPOWER presents its biogas technologies at INT'L BIOMASS EXPO in Japan

Individual solutions for wastewater, waste and agriculture

For the first time WELTEC BIOPOWER will exhibit at the INT'L BIOMASS EXPO at the Makuhari Messe near Tokyo. From the 31st of August to the 2nd of September 2022, the manufacturer will present its proven plant technologies, services and processes for the energetic utilisation of biogas from sewage sludge, waste and agricultural residues to the trade public there. Together with its Japanese partner Katonoki, the German biogas specialist will be represented on stand 17-53.

WELTEC BIOPOWER has already been cooperating successfully with Katonoki on the Japanese market since 2019. One of the joint projects was established in Urahoro, on Hokkaido, the northernmost of the main Japanese islands (see press release WELTEC 04/2021). In the meantime, the activities also extend to the rest of the country.

The special feature of construction in earthquake regions such as this lies in the specific statics of the tanks, which are adapted to the tectonic position. Even under less than ideal geological conditions, WELTEC delivers a high-quality and operationally safe plant that meets the high requirements. Comprehensive maintenance as well as biological service for the biogas plants is part of the service and ensures sustainable operation in the long term.

„In this time we have become an established supplier for agricultural, industrial and municipal biogas plants in the region,” emphasises Vladimir Bogatov, Area Sales Manager for the Asia-Pacific region.

WELTEC specialises in the planning and construction of individual plants of up to ten megawatts. A strategic element here is the high proportion of manufacturing. Not least, the use of stainless steel technologies and digesters plays an important role in the overall efficiency, because they enable flexible substrate use, fast, modular assembly and a high standard of quality regardless of location. Following commissioning, WELTEC's service ensures trouble-free operation.

With such proven and innovative technologies, Japan's goal of reducing greenhouse gas emissions to 46 % by 2030 can be supported. WELTEC BIOPOWER's more than 20 years of experience in over 350 biogas projects in 26 countries on 5 continents, from small plants to high-tech plants in all fields of application, will also be of great benefit.

Visitors to the INT'L BIOMASS EXPO in Makuhari from the 31st of August to the 2nd of September 2022 can obtain further information on all energy plants at stand 17-53.

A short video about the project can be found here: <https://youtu.be/022Oesao08E>

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Organic energy worldwide

Pictures/Captions



A biogas plant of WELTEC BIOPOWER recently went live in Saitama Prefecture, 40 km north of Tokyo. The facility – which is equipped with a 450-kW cogeneration power plant – is the fourth project to be rolled out by the German manufacturer in Japan.

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Company Portrait

The **WELTEC** Group from Vechta, Germany, has developed into a globally leading specialist for the construction and operation of biogas and biomethane plants since it was founded back in 2001. The Group designs, plans and sets up energy plants, operates them on a permanent or temporary basis, provides 24/7 service and delivers sustainable usage concepts for output flows, thereby covering the entire biogas value chain.

The establishment of individual, technically mature solutions up to a plant size of 10 MW is one of the strengths of **WELTEC BIOPOWER**. The high proportion of custom-developed components is a key success factor. Moreover, the use of stainless-steel technologies ensures flexible substrate input, quick and inexpensive assembly and a consistently high quality standard, regardless of the location. Following the commissioning, **WELTEC's** mechanical and biological service plays a significant role in ensuring the plant efficiency.

The company also boasts a wealth of experience in the field of biogas generation and utilisation. The company's nine decentralised plants generate 96 million standard m³ of biogas a year. A portion is processed to biomethane and made available to energy suppliers and petrol station operators via the public gas network. Additionally, at 16 locations in Germany – e.g. in the field of horticulture, housing construction and healthcare as well as communities – the biomethane is used for generating heat within the framework of **WELTEC** energy contracting.

The biogas specialist is well aware of the importance of customer and investor proximity. Accordingly, the Group's sales and service network spans the entire globe. The range of customers includes businesses from industries such as agriculture, food, waste and wastewater. So far, the 120 employees of the **WELTEC** Group have implemented more than 350 energy plants in 26 countries on five continents. All in all, the biogas specialist ensures annual savings of around 530,000 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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