



Pressemitteilung

Press release · Communiqué de presse

Vechta, May 2023

WELTEC BIOPOWER and FT BIOPOWER at the environmental fair N-Expo in Tokyo

From May 24 to 26, WELTEC BIOPOWER and its Japanese partner FT BIOPOWER will exhibit at the environmental trade fair N-Expo in Tokyo. The experienced manufacturer will present its proven plant technologies, services and processes for the energetic utilization of biogas from sewage sludge, waste and agricultural residues.

WELTEC and FT BIOPOWER have already been working together successfully since 2019 (see press release 08/2022). Until recently, FT BIOPOWER was still operating under the name „Katonoki“. Now that the company has evolved and experienced higher demand on the topic of biogas, the change of name was only a logical conclusion. One of the joint projects was the construction of a plant in Urahoro on Hokkaido, the northernmost of Japan's main islands.

In earthquake areas, such as the Japanese plant site, the design challenge lies in the specific statics of the stainless steel tanks, which are adapted to the tectonic location. With the experience of the manufacturer WELTEC BIOPOWER, the plant was specifically designed with the geological conditions in mind.

„The plant was completed in 2022, and today we can draw a first conclusion: January and February are the coldest time of the year in Hokkaido. At night, temperatures can drop to -20°C. Normally, the digester temperature in our competitor's plant decreases and the power generation drops. However, the output of the Urahoro plant remains at almost 100 percent,“ explains Vladimir Bogatov, Area Sales Manager for the Asia-Pacific region.

Visitors to the N-Expo in Tokyo from May 24 to May 26, 2023, can get more information about all energy plants from WELTEC BIOPOWER and its Japanese partner FT BIOPOWER at booth U503.

Next page: Pictures/Captions



Pressemitteilung

Press release · Communiqué de presse

Organic energy worldwide

Pictures/Captions



January and February are the coldest time of the year in Hokkaido. At night, temperatures can drop to -20°C.

Next Page: Company Portrait



Pressemitteilung

Press release · Communiqué de presse

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 CO₂eq.

If you publish the press release please forward a copy to us:

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

Social Media:

You can also find us on the following social media platforms:



www.twitter.com/WELTECGermany



www.linkedin.com/company/weltec-biopower-gmbh/



www.youtube.com/user/WELTECBIOPOWER