



Pressemitteilung

Press release · Communiqué de presse

Vechta, September 2018

WELTEC BIOPOWER at the EnergyDecentral

Biogas Specialist Presents Concepts for Energy Plants and Slurry Processing

WELTEC BIOPOWER will present its innovative and proven biogas technologies and services at the EnergyDecentral in Hanover, Germany, from 13 to 16 November 2018 in the context of the EuroTier. At booth D 12 in hall 25, the plant constructor will explain their Kumac processing system for slurry and digestate and its custom-tailored biogas plant concepts to the trade show visitors. The biogas specialists' exhibition portfolio will also feature their CHP, biology and repowering services.

WELTEC BIOPOWER will mainly present its plant concepts for the energetic utilisation of organic waste and agricultural leftovers. The consistent anaerobic digestion of leftovers requires a combination of individual planning and reliable components. WELTEC's technologies are highly suitable for processing various types of waste; the range of technologies comprises the use of stainless steel as a construction material, substrate shredding units, hygienisation solutions and compatible control technology.

With more than 300 plants built in 25 countries on five continents, WELTEC has the expertise needed for the optimum design and rollout of these projects. WELTEC is currently building a number of new plants in Uruguay, Italy, France, Greece and Northern Ireland.

The booth will also showcase the liquid manure and digestate processing system Kumac. With this trend-setting system, WELTEC offers a technically mature procedure for the efficient reduction of the slurry and digestate volume. Several Kumac systems have been operating in Belgium and the Netherlands for already 11 years.

In late summer 2019, the first system of this type in Germany will go live in Saxony. The operation yields 70,000t of cattle slurry a year, which will first be utilised energetically in a biogas plant and then refined to water, liquid fertiliser and solid matter. The extraction of water will reduce the digestate volume by more than 50 percent. This concentration of the nutrients will reduce the amount of slurry transports and facilitate the spreading of the fertiliser on the fields. The investors wanted to have a low-maintenance plant that does not need any heat. Therefore, the biogas plant's previous heat utilisation concept can be kept.

More information on energy plants for waste, wastewater and agricultural leftovers as well as the special services for biogas plants will be available to visitors to the EnergyDecentral from 13 to 16 November 2018 at WELTEC BIOPOWER's booth D 12 in hall 25.

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Organic energy worldwide

Pictures/Captions



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Company Portrait

WELTEC BIOPOWER GmbH is one of the world's leading enterprises in the field of stainless-steel biogas plant construction. The company has planned, developed and built anaerobic digestion plants since 2001. Today, the medium-sized company has about 80 employees at the headquarters in Vechta, Germany, and has established more than 300 energy plants in 25 countries worldwide. The global distribution and service network spans six continents. The range of customers includes businesses from the agriculture, food, waste and wastewater industries.

The strength of **WELTEC BIOPOWER** lies in custom-tailored design and technically mature solutions for projects up to 10 megawatt capacity. In this context, the high proportion of internally developed components is a key success factor. The company also owes its leading edge to the use of stainless steel. This enables the input of a diverse range of feedstocks, a fast and economic assembly and a consistently high quality standard regardless of the location.

After a biogas plant goes live, **WELTEC BIOPOWER** offers additional support through its experienced mechanical and biological service team. 24/7 availability contribute significantly to the efficiency of the plant.

Nordmethan, a subsidiary company of **WELTEC BIOPOWER**, addresses another business area: The operation of biomethane plants and the provision of heat through energy contracting. In this way, the **WELTEC** Group covers the entire value chain of energy generation with biogas and biomethane – from the plant construction to the plant operation.

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