



## Pressemitteilung

Press release · Communiqué de presse

Vechta, March 2012

### **WELTEC Biogas Park Construction Starts in Arneburg**

#### *Biogas Refinery Creates Ten Jobs*

In March 2012, WELTEC BIOPOWER started building one of Germany's largest biogas refinery in Arneburg, Stendal District, Saxony-Anhalt. At this plant, about 6 million cubic metres of biomethane (more than 700 cubic metres/hour) will be produced every year in four fermenters, six digestate storage units, and one liquid reservoir and will be fed into the natural gas grid.

„This biogas refinery, which will start feeding in its first biomethane in December 2012, will create about ten permanent jobs and two training positions“, says Jens Albartus, Director of WELTEC BIOPOWER GmbH.

The sustainability concept of the plant that is being built on a site of about 6 hectares provides for the use of renewable raw materials and manure from 30 farms. Among other things, it was made sure that the farmers – who will also use the digestate – do not need to travel more than 9 miles, on average, to deliver the substrate.

This arrangement represents another consistent step towards reliable energy supply along with a high degree of energy efficiency and ecological sustainability. Besides providing new jobs, the plant will also form the basis for new regional value chains.

The biogas will undergo amine treatment. The generated biomethane will be sufficient to supply about 5,000 households with power and heat or 4,200 cars with an annual mileage of about 18,000 miles.

Vechta-based WELTEC BIOPOWER GmbH is the general contractor of the biogas park. The plant is operated by Nordmethan Produktion Arneburg GmbH. The plant site in the Altmark Arneburg Industrial and Commercial Zone is especially suitable as it boasts one of the world's most advanced infrastructure networks.

[Next page: Picture](#)



## Pressemitteilung

Press release · Communiqué de presse

### Picture



***At the plant in Arneburg, about 6 million cubic metres of biomethane will be produced every year in four fermenters and six digestate storage units.***

Next Page: Company Portrait



## Pressemitteilung

Press release · Communiqué de presse

### Company Portrait

In 2011, WELTEC BIOPOWER GmbH, one of the first manufacturers of biogas plants, celebrated its 10th anniversary. WELTEC is one of the pioneers of the constructors of biogas plants. Based on the modern approach of experienced engineers, the company from Vechta (Lower Saxony) with its expertise of a staff of close to 80, offers complete biogas plants from one source and has developed to a leading constructor of biogas plants in the world.

As the hydrogen sulphide and ammonia compounds contained in biogas corrode unprotected parts, WELTEC builds the fermenters from stainless steel. This ensures a long useful life of the plant. The manufacturing depth also guarantees a consistently high standard regardless of the location and ensures an export rate that is far above the industry average.

The plants have a modular structure. WELTEC BIOPOWER uses only proven system components and develops most of the technologies along the entire value chain internally: fermenter technology, mixing technology, control technology, hygienisation systems, and digestate processing solutions originate from the company.

By means of its comprehensive services, WELTEC ensures the technical and economic stability of the biogas plants. The CHP service guarantees stable output, the biological supervision ensures continuous monitoring of the relevant parameters, and systematic repowering makes sure that the biogas plant is always up to date. Operators can choose from a range of service packages of different types and scope.

One of the main strengths of the medium-sized enterprise is the ability to deliver individual and flexible solutions – from compact plants to large computer-controlled plants in the megawatt range, waste recycling plants, and biogas parks with gas processing technology.

[If you publish the Press Release please forward a copy to us](#)

Thomas Wilkens  
Marketing  
Phone: +49 4441/99978-220  
Email: [t.wilkens@weltec-biopower.de](mailto:t.wilkens@weltec-biopower.de)