



## Pressemitteilung

Press release · Communiqué de presse

Vechta, February 2024

### WELTEC BIOPOWER develops new, intuitive user interface for biogas plant control systems

#### WB Control: Comprehensive monitoring of the entire biogas plant for optimum performance

The biogas plant control system from WELTEC BIOPOWER is receiving a general update: This includes new functionalities for process optimization as well as a user interface that provides a quick and comprehensive overview of the entire plant thanks to a symbolism designed according to the latest findings and clarity in the display. The control system sections previously known as LoMos and CeMos will also merge under the new name WB Control in future. WB Control can be used for both small and complex industrial systems.

The web-based software gives operators complete and fast access to all important system parameters. A customizable dashboard provides a quick overview of the most important process data at any time. Several users can access WB Control simultaneously.

The intuitive, logical navigation through the software offers maximum transparency and security for an efficient workflow. „The increased requirements of plant operators and investors for comprehensive and clear monitoring of plant data, especially for continuous process optimization, were the guiding principle for us when designing the modern control system,“ emphasizes Wolfgang Bokern, Head of Technology at WELTEC BIOPOWER.

Diagrams and reports can be created individually according to defined values and summarized into daily, monthly or annual overviews at the click of a mouse. Optimum energy planning to avoid peak loads is achieved, for example, through overviews of the agitator intervals. This allows agitators to be controlled individually.

The new user interface enables a wide range of business evaluation options, such as trend analyses and other graphical evaluations of individually defined values such as consumption data or production figures. Thanks to the archiving and export functions, all data is available at any time as proof for authorities, banks and external experts.

Newly integrated functions such as FellowFeed and GuidoFill simplify the feeding process and make everyday work easier. FellowFeed measures the target filling level of the gas and automatically adjusts the feeding quantities if required. GuidoFill provides operators with a tool that supports the correct filling of their solid matter feeders with a mixture of input materials. On the basis of job lists, pumping and feeding processes can be precisely timed and displayed using the filter function. Overviews of gas management and water distribution allow other material flows in the system to be monitored.

Individually configurable alarm management informs users immediately in the event of system malfunctions. This allows the operator to react quickly and the WELTEC BIOPOWER service team can connect to the control system at any time via remote control to resolve any malfunctions that arise.



## Pressemitteilung

Press release · Communiqué de presse

Organic energy worldwide

### *The advantages of WB Control at a glance :*

- Easier feeding processes thanks to FellowFeed and GuidoFill
- Clear display of processes for the entire system
- Short click paths, thus saving time in day-to-day work
- Wide range of business evaluation options
- Exportable reports as proof for authorities, banks and experts
- Energy planning and avoidance of peak loads thanks to a graphical overview of the stirring intervals
- Alerting according to prioritization
- Intuitive user interface, tooltips
- Integrable into other systems
- Web-based use on mobile devices
- User management with rights assignment and simultaneous access

### Pictures/Captions



*The biogas plant control system from WELTEC BIOPOWER is receiving a general update: This includes new functionalities for process optimization as well as a user interface that provides a quick and comprehensive overview of the entire plant thanks to a symbolism designed according to the latest findings and clarity in the display.*



*WB Control: Comprehensive monitoring of the entire biogas plant for optimum performance, as here at a plant in the Czech Republic.*

### *More informations about WB Control:*

<https://www.weltec-biopower.com/anlagenbau-technologie/technologie/wbcontrol.html>

### Next Page: Company Portrait



## Pressemitteilung

Press release · Communiqué de presse

Organic energy worldwide

### 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 the plants produce biogas. 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<sub>2eq</sub>.

### 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](mailto:presse@weltec-biopower.de)

### Social Media:

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



[www.twitter.com/WELTECGermany](https://www.twitter.com/WELTECGermany)



[www.linkedin.com/company/weltec-biopower-gmbh/](https://www.linkedin.com/company/weltec-biopower-gmbh/)



[www.youtube.com/user/WELTECBIOPOWER](https://www.youtube.com/user/WELTECBIOPOWER)