

JENBACHER

OPTIMIZING YOUR BUSINESS

Services that matter



CONSULTANCY

STAYING AHEAD OF THE GAME

As a power plant owner, you need a service partner that goes beyond parts delivery and technical work. Today's energy landscape is changing quickly, and you must keep ahead of the pace by optimizing your equipment's performance. To succeed in this challenging environment, you need a service provider that takes a holistic view while proactively thinking ahead — for you.

The right advice at the right time

Guidance from an expert, before you even know you need it, can make the difference as you successfully navigate the power industry. As your strategic consultant, INNIO Group has the experience to provide you with the insights you need, when you need them.

Your strategic partner

As your system's original equipment manufacturer (OEM), INNIO Group has the knowledge and capability to help you simplify your decision-making processes. Our unique combination of technical expertise, available data, market insights, and a global network of resources help you achieve your business goals, even in a changing environment. Count on INNIO Group's Jenbacher Services to be your long-term consultancy partner on all questions surrounding your Jenbacher equipment and its best use over its life cycle.





KNOWLEDGE SHARING

As the experts who developed your Jenbacher energy system, INNIO Group has the knowledge and experience to help you improve your operations throughout your plant's life cycle. Based on decades of work in the field and comprehensive data insights, we share our knowledge proactively with you for continuous power plant optimization.

Experienced team of experts

Working with you, our highly experienced team develops and implements strategies that can lower your life-cycle costs, increase your efficiency, and meet your other business needs — while ensuring compliance with emission requirements. We build on our vast expertise in the development, design, and optimization of energy solutions to enhance product performance in the field and meet your individual demands.

Continuous innovation

Working with you, we continuously innovate through our constantly evolving technologies, digital capabilities, and a sustained investment in our technical expertise. Today, more than 25,000 of our Jenbacher engines have been produced globally. With our digital myPlant platform, the majority of these plants can be managed remotely for better control and optimized performance.

Data for success

Our myPlant platform provides you with powerful, real-time data, analytics, and insights to help you with your continuous plant optimization efforts. Combined with our experience and knowledge, as well as our long-term focus on sustainability, you can achieve top performance, economic efficiency, and plant availability. myPlant technology provides more than 1,200 billion data points annually — a powerful proof-point of INNIO Group's continuously evolving expertise and competence.

YOUR OEM CONSULTANCY ADVANTAGES



Fast decision-making

Proactive data analysis, with investigations carried out on site or at our INNIO Group facilities, provides you with thorough insights that help you optimize the value of your Jenbacher energy system.



Condition-based maintenance capability

We use the information delivered by our innovative instrumentation, combined with learnings from plant investigations, to optimize your equipment's life cycle. Our technical expertise gives us the knowledge to consider your operational profile and optimize the execution of maintenance events at your site as per your needs.



Performance and reliability boost

Our Jenbacher Services team provides you with upfront insights and smart operating recommendations through proactive monitoring of your plant, including real-time performance analysis.



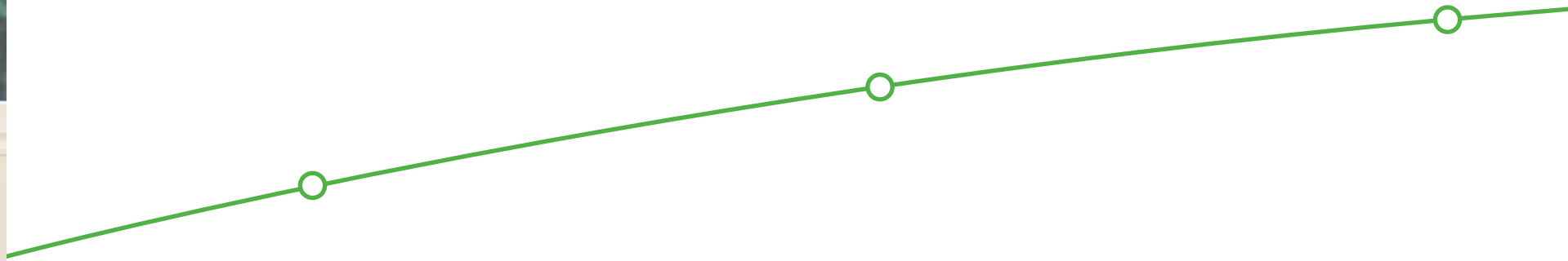
Emission compliance

INNIO Group provides a wide range of emission reduction solutions, and we work with you to drive carbon efficiency and determine which products best fulfill your requirements. Our solutions range from catalysts to thermal regenerative post-treatment products to engine upgrades.



Future-proof technology

With a strong focus on innovation, INNIO Group is constantly striving for new solutions and services along the energy value chain regarding our Jenbacher systems. We make your plant as future-proof as our technology.



EXPERIENCE MAKES THE DIFFERENCE

Our consultancy solutions

Our experts, with a deep Jenbacher technology knowledge base and OEM-specific service insights, provide the following consultancy services:

In-house & on-site technical investigations

- Technical analysis of parts, systems, or complete assets
- Comprehensive investigation report

Monitoring-as-a-Service

- Proactive consultancy to enhance your system's performance over its life cycle
- Personalized predictions and suggestions through close asset monitoring
- myPlant Customer Connect App¹ for easy and quick interaction with your Jenbacher Services manager or Technical Support person

Condition-based maintenance

- Sophisticated analysis to predict maintenance requirements that consider your operating profile, fuel quality, and other relevant conditions
- Maintenance of both parts and consumables, such as lubricating oil and engine cooling water
- Timing determined for optimized cost benefit for the required maintenance, based on your data and operational needs

¹ Available in selected countries

Emission solutions

- Exhaust gas treatment and catalyst system selection and/or optimization
- Real-time monitoring packages of emissions performance

Microgrid solutions

Our microgrid solution delivers:

- Resilience (to mitigate the risk of power outages in communities, for instance)
- High-quality access to power in remote areas
- Integration of renewables to achieve decarbonization targets
- Predictable levelized cost of electricity (LCOE) over the investment's life cycle
- Reductions in peak load and transmission and distribution loss with generators located close to the point of consumption and peak shaving
- Grid modernization by integrating smart technologies for flexibility

Microgrid background information:

As the need for secure, resilient, and greener energy solutions increases, more and more businesses and communities are recognizing the economic benefits of distributed energy solutions as part of a broader energy management strategy. Around the world, microgrids are supporting renewable energy integration, enabling remote access to power while improving quality and reliability. Microgrids often are part of power grid modernization or increased efficiency initiatives. Microgrids offer the opportunity to interconnect distributed energy resources (DERs), either tied to the grid or working independently from it in island mode. Through a control system, the microgrid can be optimized in response to fluctuating energy loads and energy production.



INVESTING IN CONSULTANCY WITH JENBACHER SERVICES PAYS OFF

With our consultancy services, you gain economically. This example, based on a real business case, shows you how.

Avacon Natur operates more than 300 energy plants in Germany, using INNIO Group's Jenbacher myPlant Performance remote monitoring platform. New algorithms that analyze real-time data enable the company to react quickly to changing trends or anomalies. INNIO Group's Jenbacher Services representatives generate and proactively forward individual suggestions for solutions or improvements to Avacon. Jenbacher experts also are available for a comprehensive plant analysis that takes into account the complete system history.

At Avacon's combined heat and power (CHP) plant in Salzwedel, data points from the Jenbacher system helped the operator recognize that an increase in efficiency would be possible through modifications in mixture formation.

Technical data & savings potential with mixture formation modification

Installed engines	1 x J416	
Energy source	Pipeline gas	
	Before modification	After modification
Electrical energy	1,189 kW	1,189 kW
Electrical efficiency	43%	43.2%
Difference		0.2% points
Energy input (gas input)	2,768 kW	2,752 kW
Gas price (assumption)	€0.12/kWh	€0.12/kWh
Operating hours per year	approx. 5,000	approx. 5,000
Gas cost savings per year	€0	€9,600
Cost to the customer for the modification	~€15,000	

»INNIO Group's Jenbacher myPlant Performance platform and myPlant Customer Connect have been crucial to the economic operation of our plant, and also a flagship project for intelligent plant management.«

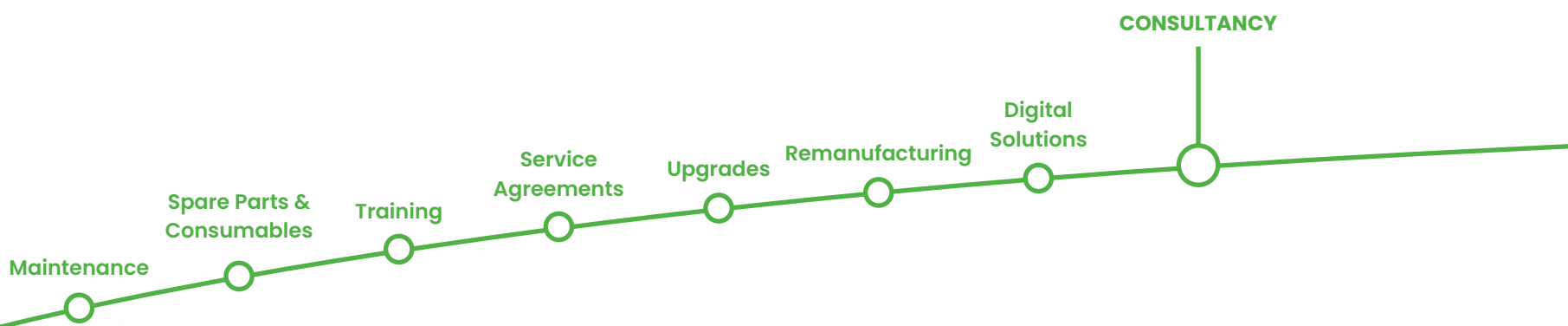
Frank Rümper,
Asset Manager of Avacon Natur

Corresponding adjustments were carried out successfully during a maintenance event. Using the innovative Jenbacher myPlant Performance technology, this business case illustrates that algorithm-assisted plant management on an industrial scale can be implemented today, setting the course for a greener, safer, more economical, and future-oriented energy supply.



JENBACHER SERVICES SOLUTIONS

Our global Jenbacher Services team knows your Jenbacher energy system best. As your OEM, INNIO Group provides you with a full suite of life-cycle solutions – from original parts to reliable remote and on-site services – all enabled by our cutting-edge myPlant technology.



Your Jenbacher Services team

TOTAL SUPPORT FROM INNIO GROUP

Delivering flexibility and experience

Drawing on more than 65 years of power innovation, INNIO Group’s Jenbacher technology provides hydrogen-ready power generation to businesses and industries striving for a greener future. Today’s highly efficient Jenbacher systems deliver energy independence through low-emission, secure, and cost-effective energy solutions.

With key benefits from our powerful digital platform

Through our myPlant Performance digital platform, we provide remote support for our connected customer-operated systems around the globe. Today, more than 12,000 Jenbacher systems are managed remotely, and more than 1,200 billion data points are evaluated annually – a powerful proof-point of INNIO Group’s knowledge and experience.

Backed by our commitment to sustainability

At INNIO Group, we commit to the highest ethical standards and implement best practices in governance and compliance. A sustainable way of conducting business is front and center of everything we do. By selecting us as your supplier, you enter a long-term relationship with a reliable partner. Our fundamental mission to deliver a sustainable future and empower the world’s transition to net zero was recognized with prestigious EcoVadis ratings. In 2021, we joined the “Race to Zero” campaign, initiated by the United Nations, to bring together global leadership for an accelerated transition to a net-zero future. Thanks to our efforts, INNIO Group’s ESG Risk Rating again secures our number one position across more than 500 companies globally in the machinery industry assessed by Sustainalytics.²

² Ratings took place in March 2023.

HOW WILL YOU BENEFIT?

Contact an expert from
Jenbacher Services to learn more.

Tell us your needs and let us help you prepare your
plant for the future.

Reach out today by completing the contact form online:
jenbacher.com/contact.



About INNIO Group

INNIO Group is a leading energy solution and service provider that empowers industries and communities to make sustainable energy work today. With its product brands Jenbacher and Waukesha and its digital platform myPlant, INNIO offers innovative solutions for the power generation and compression segments that help industries and communities generate and manage energy sustainably while navigating the fast-changing landscape of traditional and green energy sources. INNIO is individual in scope, but global in scale. With its flexible, scalable, and resilient energy solutions and services, INNIO enables its customers to manage the energy transition along the energy value chain wherever they are in their transition journey.

INNIO is headquartered in Jenbach (Austria), with other primary operations in Waukesha (Wisconsin, U.S.) and Welland (Ontario, Canada). A team of more than 4,000 experts provides life-cycle support to INNIO's more than 55,000 delivered engines globally through a service network in more than 100 countries.

In March 2023, INNIO's ESG rating ranked first out of more than 500 companies worldwide in the machinery industry assessed by Sustainalytics.


For more information, visit the INNIO website at innio.com, the Jenbacher website at jenbacher.com or the Jenbacher Services website at jenbacher.com/en/services.

Follow INNIO Group and its brands on  (formerly known as Twitter) and .



ENERGY SOLUTIONS.
EVERYWHERE, EVERY TIME.

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