Single-Source Convenience
Maintenance – Analysis – Modernization – Operating Support
Hitachi Zosen Inova – comprehensive services you can rely on

If you’re seeking highly professional, all-inclusive solutions tailored precisely to your needs, Hitachi Zosen Inova (HZI) is the partner to rely on. From corrective and preventive maintenance to analysis, plant extensions, modernization, and enhancing efficiency – as a full-service provider we offer you bespoke, single-source support. HZI delivers comprehensive expertise based on decades of experience, all at a good price/performance ratio.

Our range of services

**Maintenance**
- Spare parts directly from stock
- Inspections
- Annual overhauls
- Long-term service agreements
- Computerized Maintenance Management System (CMMS)

**Analysis**
- Laboratory services
- Measurement and analysis
- Remote monitoring “PAMELA”

**Modernization**
- Emission reduction
- Engineering
- Performance improvement
- Combustion upgrades
- Plant upgrades
- Lifetime extensions

**Operating support**
- Field operation
- Training
- Remote monitoring “PAMELA”
- Lifetime calculations

“We deliver. Check our references.”
Your plant in professional hands

Committed to your plant
Our support begins once your plant is commissioned and continues until it needs to be replaced. As service and maintenance specialists, we offer you the solutions you need when you need them, throughout the lifecycle of your facility. Our primary goal is to keep downtime to a minimum while maximizing your plant’s operating life.

Successful operations thanks to full-service support
We offer you efficient, bespoke, and reliable solutions in the following areas:

- Maintenance
- Analysis
- Operating support
- Modernization

Thanks to our extensive technical know-how, decades of experience, and the knowledge gained in some 500 reference projects all around the world, we can ensure your facility is optimized from both an environmental and economical point of view.

Egil Evensen “Hitachi Zosen Inova delivers on time to a high level of technical expertise, and is always extremely open-minded and flexible when it comes to finding solutions.”

Egil Evensen, Technical Director, Trondheim, Norway
Maintenance

To make sure your plant runs smoothly, you have to have it regularly serviced by professionals. We help you meet this challenge. Depending on your needs, you may opt for a long-term maintenance and servicing agreement covering regular inspections, overhauls, spare parts, and 24-hour on-call standby, or you may choose to have an experienced member of our staff based temporarily at your facility. Whatever solution you choose, maximum plant availability and a high level of safety are ensured.

Inspections and spare parts
You determine the scope of your annual overhaul, and we make sure the work is done flawlessly and to a tight schedule. In consultation with you, we specify the procedures and organize the specialists and tools required, and where necessary ensure the delivery of original spare parts directly from stock – quickly and flexibly. We handle procurement, and manufacture special components at our own workshops, saving you costs, time, and valuable storage space.

Providing spare and wear parts
Quick supply of spare and wear parts and optimal stock management are crucial if you want to ensure the availability of your plant, avoid expensive downtime, and have revision work carried out on schedule. We have the necessary inventory to guarantee a high level of availability. Components that are in stock can be made available for delivery within a few hours. High-quality materials and manufacturing enable us to provide flawless parts.

Heinz Siegenthaler “Hitachi Zosen Inova’s experts service our facilities with such speed, sustainability, and quality awareness that we’re always able to keep operating trouble-free until the next planned standstill.”

Heinz Siegenthaler, Senior EfW Engineer, Dietikon, Switzerland
Analysis

Is your plant performing at its best? Are the consumption figures right? New legislation and tighter environmental and economic requirements are constantly presenting new challenges for plant operators. Working on site or using our proprietary monitoring software “PAMELA”, our specialists will analyze your plant’s metrics, carry out heat and mass flow analyses, simulate process streams, and investigate samples in our own laboratories.

Modernization

Whether you need specific components replaced, subsystems renewed, or plant extensions installed, our comprehensive solutions both maximize run times and help enhance the efficiency and performance of your energy-from-waste plant across the board.
Operating support

Malfunctions and disruptions can occur even with optimized maintenance and monitoring. If they do, you can rely on us to give you prompt, reliable, and expert support to get your plant back to maximum capacity with minimal emissions as quickly as possible.

**Digital plant monitoring**

Our proprietary software solutions ensure the optimum operation of your plant, making it possible to accurately schedule maintenance interventions and evaluate operating metrics. After commissioning, performance enhancements, and modernization projects, it’s especially important to evaluate plant data on a continuous basis. Where required, we can handle this with our specially developed software tool. If deviations are identified, we will respond rapidly and systematically.

**Sharing know-how**

Our know-how is there to be shared. Well-trained staff are crucial for trouble-free plant operation. We use our Interactive Training System (ITS) and simulator to provide your staff with specific, individualized training in the various subsystems, giving them a comprehensive grasp of the basics that will enable them to keep your plant running smoothly.

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Jan Egil Bredsten “Working with Hitachi Zosen Inova is unique. During the entire installation of trains 1 and 2, and the subsequent service and modernization contracts, there has never been an interruption due to financial or technical issues. We’ve always been able to resolve problems together before financial responsibilities even had to be discussed.”

Jan Egil Bredsten, Plant Manager, Bergen, Norway
How we can add value to your plant

• A comprehensive range of services covering modernization, operating support, maintenance, and analysis.

• Efficient, reliable solutions tailored to your needs

• Specialists with many years of experience and broad technical know-how

• Good price/performance ratio

• High availability of spare and wear parts from own stock

• Our own manufacturing company: Hitachi Zosen KRB

• Tried-and-tested analysis tools

• Interactive Training System

• Plant operations simulator for training purposes

“Hitachi Zosen KRB is small and versatile. The result: fast turnaround times and flexible, client-centric services.”

KMU Forum magazine