

Sustainable Manufacturing Excellence: Decarbonization Services for Cleaner Production and a Brighter Future

The manufacturing sector has a crucial role to play in decarbonizing to help achieve global climate targets.

By combining our Hitachi group manufacturing heritage and deep expertise in industrial optimisation and energy solutions, we can provide the breadth of services and solutions you need to you achieve your sustainability goals.

Data-driven sustainability powering good for people and planet

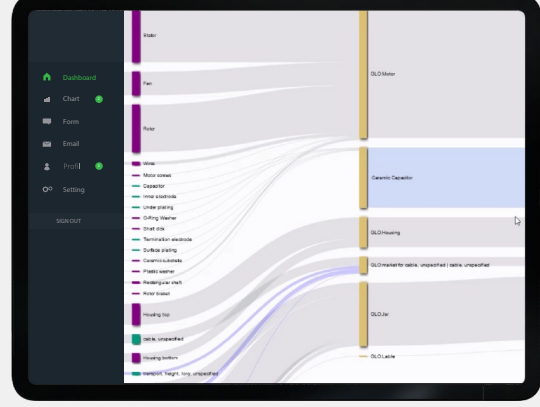
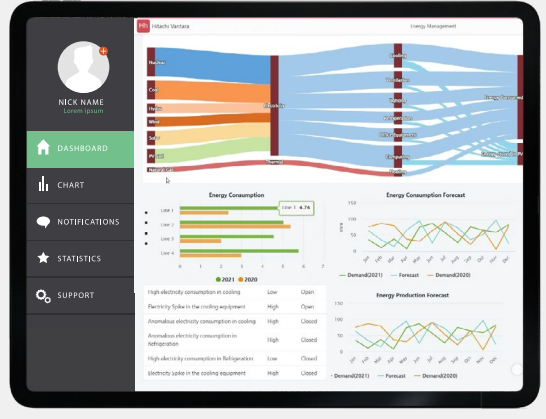
Our analytics capabilities will help you understand the energy consumption and carbon emissions of your manufacturing processes and lead to continuous improvement. By generating insights, we can help you to progress sustainability initiatives that reduce greenhouse gas emissions and lead to greater operational efficiency and enhanced supply chain traceability.

How we can help you



Manufacturing Process Carbon Insights

Understand how energy is being utilized on your operations and make real-time decisions to reduce your carbon emissions.



Product-level carbon insights

Directly from your bill of materials create instant life cycle assessments (LCAs) of all your products and create AI-driven simulations to optimize their cost, carbon and circularity.

Supply chain transparency and traceability

We revolutionize supply chain management by offering a comprehensive suite of digital tools that enable companies to achieve unparalleled traceability and transparency. With real-time data tracking, businesses can effortlessly monitor every step of their supply chain and ensure its aligned with its sustainability ambition.



Raw Materials



Shipping



Manufacturing



Logistics



Retailer



Customer



Let us help you achieve your sustainability goals

We can help you optimize your energy usage, improve quality/yield, reduce waste, and improve operational efficiency.



Track, account, and report on your carbon footprint at company and product level



Improve your sustainability credentials



Define short and long term sustainability strategies based on data



Ensure compliance to upcoming new regulations

Our industrial IoT technology has helped a global supplier to the automotive sector to gather machine data that has helped to reduce carbon emissions by more than 20%.



Talk to us today about how our IoT technology, data and insights can transform your sustainability journey.

[Learn More](#) →

Visit our Sustainability Solutions and Services webpage.

ABOUT HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the Fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit hitachivantara.com.