

Data and Analytics Sustainability Services

Secure a sustainable future for all

The world faces unprecedented sustainability challenges, but there is still much that businesses can do to ensure a more sustainable future for all. Technology holds many of the answers to helping us reduce environmental impact and achieve Net Zero.

Facing today's challenges head on

To meet your social and environmental goals, you need to be able to learn from the vast volumes of data you're generating every single day to make strategic, real-time decisions for the future. Not only is this good for the planet, but it also strengthens your resilience, stakeholder trust and long-term business viability.

Using our technology expertise across IoT, advanced analytics, digital twins, AI, and blockchain, we can help you:

1

Ensure every aspect of your supply chain respects both people and planet

2

Meet the increasing demands for transparent and accurate Environmental, Social, and Governance (ESG) reporting

3

Integrate and analyze diverse data to inform your decision-making.

How we support your sustainability journey



Supply chain traceability



ESG monitoring and reporting



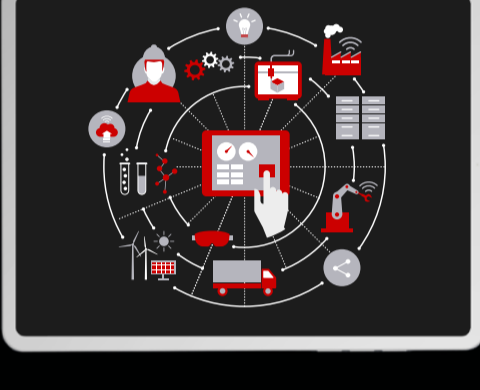
Digital twins

Becoming more sustainable and socially responsible is a top priority for our customers. We have worked with some of the world's biggest brands to help reduce their carbon footprint. We don't just provide sustainable solutions; we co-create them with you.



Supply chain traceability

Our traceability solutions track the origin of raw materials and the actual flow of materials through the production processes they undergo within manufacturing all the way to their end-of-life, providing full visibility.



Case study

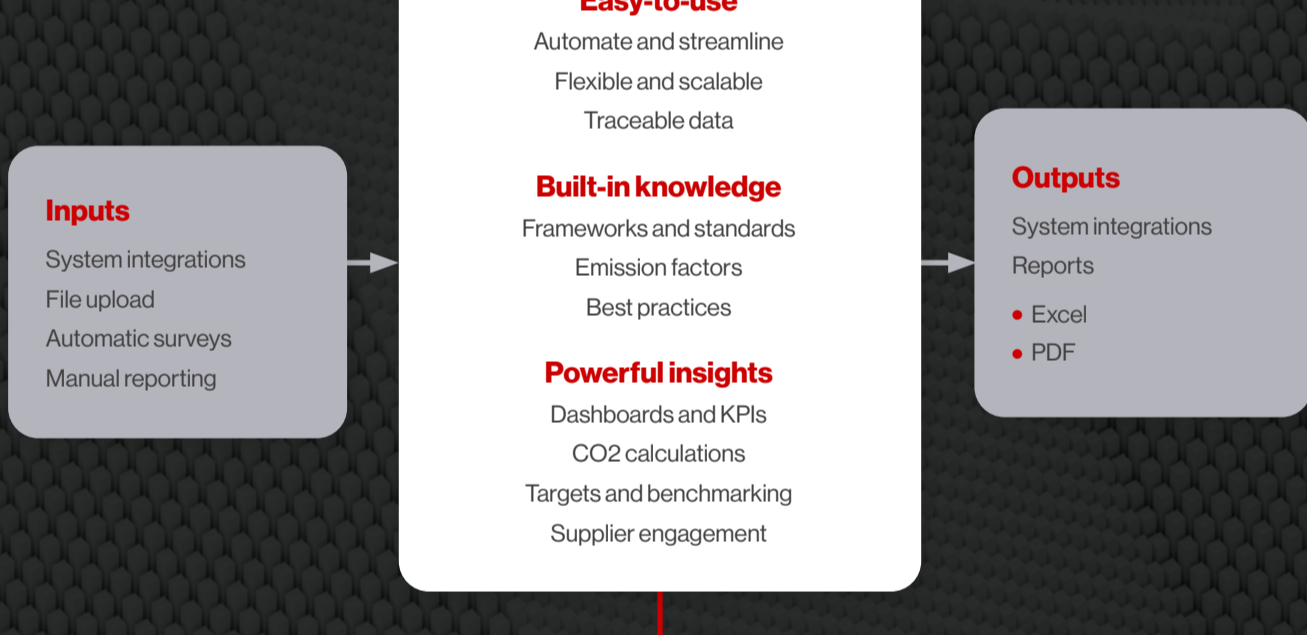
A global auto manufacturer recognized that traceability of critical minerals such as cobalt to be one of the main responsible sourcing and sustainability challenges faced by them. Starting with Cobalt, we established full chain of custody tracking for all cobalt used in their EV cars. The work has continued apace and now 8 battery materials are now being tracked across all legs of the supply chain, with attribution of key ESG metrics (like inherited CO2 emissions)



ESG monitoring and reporting

With compliance requirements evolving, ESG reporting helps businesses to identify, assess, and manage environmental, social, and governance risks, which can have a significant impact on their long-term viability and resilience.

Our platform



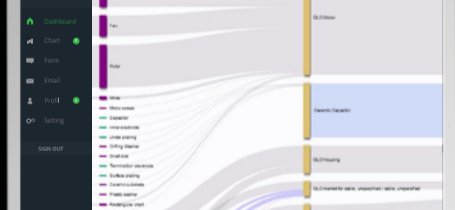
Case study

A global energy company with operations across six continents wanted to provide transparent, accurate and comprehensive ESG metrics. We used our AI-driven solutions to integrate data from remote sensors, and local site reports to ensure a holistic view of the company's operations and provide real-time insights to inform decision-making. Through our partnership the company didn't just upgrade their ESG reporting, they embarked on a journey of sustainable innovation, setting industry benchmarks and pioneering a future where profit aligns seamlessly with planet and people.



Digital Twins

We empower our clients with a digital representation of their products and operations, enabling real-time monitoring, analysis, and simulation to reduce environmental impact and identify areas for improvement. Our solutions quantify resource consumption, emissions, and waste generation, providing data-driven insights for informed decision-making.



Case study

We helped an organic tea manufacturer introduce a new and improved packaging. The chosen materials identified with our digital twin tool are certified for industrial composting and the cardboard tube is fully recyclable. Now the packaging is 67% lighter than their previous version and its carbon footprint was reduced by 58%.



Together we are powering good for people and planet

Like you, we are on a journey to integrate sustainability in every aspect of our business. We are committed to meet our target to be carbon neutral in our operations by 2030 and across our entire value chain by 2050.

Our Targets



100%

carbon neutral from our operations by 2030.

Step into tomorrow with Hitachi Vantara

The future is sustainable, transparent, and driven by data.

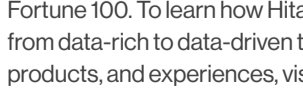
Learn More



Let's co-create that future today. Together, we can make a difference that counts, for businesses, for society, and for the planet, 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.



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