

ORGX INSIGHT INTO ACTION

**ARTIFICIAL
INTELLIGENCE (AI) &
SUSTAINABILITY:
TURNING
INTELLIGENCE INTO
IMPACT**

LET'S TAKE A LOOK

AI turns sustainability ambition into measurable action

Sustainability is no longer a 'nice to have'. It is a strategic priority. As organisations work towards increasingly ambitious environmental goals, artificial intelligence is becoming a powerful enabler of progress.

Regardless of the debate around it, AI is most likely here to stay. It has the potential to transform how businesses measure, manage and reduce their environmental impact. From optimising energy use in buildings to improving the accuracy of supply chain emissions data and reducing waste; AI-driven insights enable faster, more informed decision-making.

EXPLORE **WHERE**

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WHERE *AI is already making a difference*

- **Energy optimisation and resource efficiency:**
Analysing consumption patterns, adjusting systems in real time, and identifying inefficiencies in production processes to reduce energy use and material waste.
- **Supply chain optimisation and traceability:**
Using predictive analytics to improve demand forecasting and optimise routes, while enhancing visibility over emissions, sourcing and social risks across complex value chains.

MINIMAL RISK



WHERE *AI is already making a difference*

- **Climate risk insight:**
Strengthening the assessment of environmental risks and supporting more resilient planning, including the use of digital twins to simulate infrastructure, energy use and climate impacts.
- **ESG data and reporting:**
Streamlining data collection and analysis to improve accuracy, consistency and transparency in reporting.
- **Decision support and scenario modelling:**
Bringing together complex datasets to inform climate strategy, investment decisions and transition planning.



WHERE *AI is already making a difference*

- **Low-carbon innovation and R&D:**
Supporting the development of technologies such as carbon capture, sustainable fuels and materials through advanced modelling.
- **Environmental and nature monitoring:**
Using AI and satellite data to monitor ecosystems, track biodiversity, and detect environmental changes such as deforestation, methane leaks and land-use shifts.

However, the real opportunity lies in bringing together human expertise and AI-driven intelligence to accelerate meaningful change.



Accelerate sustainability with AI

The question is no longer whether AI will shape the sustainability journey, but how quickly we choose to harness it for positive impact.

How is your organisation using AI to support its sustainability objectives?



GET IN TOUCH WITH ORGX.

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