

Hitachi Energy unveils EcoSpace, its new digital sustainability platform

- Part of the recently launched HMAX Energy portfolio, EcoSpace delivers data-driven insights to cut emissions and speed up decision-making
- Endorsed by Det Norske Veritas (DNV), EcoSpace enables instant carbon impact assessments and comparisons of alternative scenarios
- The platform turns compliance into a strategic advantage across the entire power grid lifecycle



Hitachi Energy's EcoSpace™ - sustainability and transparency in action

Zurich, April 21, 2026 – Hitachi Energy, a global leader in electrification, today announced the launch of EcoSpace™, at WindEurope in Madrid. The new digital sustainability platform quantifies and visualizes the environmental footprint of power grid projects, enabling utilities, grid developers, and investors to make faster, data-driven decisions while meeting the growing demand for credible, transparent, and strategic sustainability reporting.

Part of the recently launched HMAX Energy*¹ portfolio, Hitachi's AI-powered suite of services and solutions designed to safeguard critical energy infrastructure, EcoSpace transforms environmental data into actionable insights. This enables customers to shift sustainability reporting from a compliance requirement to a strategic advantage.

EcoSpace transforms complex sustainability data into real-time, decision-ready insight. By analyzing the complete lifecycle of power grid systems - from raw materials and logistics to installation and operations - the platform enables visualization of how environmental performance evolves across project phases, regions, and applications. Through intuitive dashboards, it enables customers to instantly assess the carbon impact of design choices, compare alternative project scenarios, and identify concrete opportunities to reduce emissions*².

*¹ [Hitachi launches HMAX Energy, a pioneering AI-powered service and solution suite for critical energy infrastructure](#)

*² Scope 1, 2 and 3 emissions defined by the Greenhouse Gas (GHG) Protocol

Meeting the industry's demand for transparent reporting

As sustainability increasingly shapes public tenders and investment decisions, EcoSpace helps stakeholders meet these rising expectations by delivering the transparency and compliance now standard across the energy sector.

By embedding sustainability metrics into every phase of a project, EcoSpace addresses the growing demand for transparent CO₂ emissions reporting along the entire energy value chain. It enables informed choices that balance environmental impact and business objectives. The platform's methodology is endorsed by DNV, an independent, industry-wide certification body, ensuring credibility and consistency.

Proven impact: 20 percent reduction in a project's carbon footprint

EcoSpace has already demonstrated measurable impact in a multitude of real-world power grid projects. A notable example is its application in collaboration with Statnett, Norway's transmission system operator, at their 420-kilovolt (kV) substation in Oslo*³. By applying EcoSpace across the project lifecycle, the initiative showed that a 20 percent reduction in the system's total carbon footprint will be achieved over its 30-year lifespan.

EcoSpace is engineered to help organizations stay ahead of rapidly evolving global and local regulations, strengthening financing opportunities and stakeholder trust through a robust, data-driven methodology. It is supported by the deep expertise of Hitachi Energy's Power Consulting team, specialists in grid and energy-market advisory across planning, feasibility, and bankability. Their guidance ensures customers can fully leverage the platform as a cutting-edge digital solution, enabling informed decisions that accelerate the electrification era.

*³ [Pioneering grid innovation; Hitachi Energy and Statnett to deliver Norway's first eco-efficient transmission grid connection solution](#)

About Hitachi Energy

Hitachi Energy is a global technology leader in electrification, powering a sustainable energy future with innovative power grid technologies with digital at the core. Over three billion people depend on our technologies to power their daily lives. With over a century in pioneering mission-critical technologies like high-voltage, transformers, automation, and power electronics, we are addressing the most urgent energy challenge of our time – balancing soaring electricity demand, while decarbonizing the power system. With an unparalleled installed base in over 140 countries, we co-create and build long-term partnerships across the utility, industry, transportation, data centers, and infrastructure sectors. Headquartered in Switzerland, we employ over 50,000 people in 60 countries and generate revenues of around \$16 billion USD.

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About Hitachi, Ltd.

Through its Social Innovation Business (SIB) that brings together IT, OT (Operational Technology) and products, Hitachi contributes to a harmonized society where the environment, wellbeing, and economic growth are in balance. Hitachi operates globally in four sectors – Digital Systems & Services, Energy, Mobility, and Connective Industries – and the Strategic SIB Business Unit for new growth businesses. With Lumada at its core, Hitachi generates value from integrating data, technology and domain knowledge to solve customer and social challenges. Revenues for FY2024 (ended March 31, 2025) totaled 9,783.3 billion yen, with 618 consolidated subsidiaries and approximately 280,000 employees worldwide. Visit us at www.hitachi.com.

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