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FOR IMMEDIATE RELEASE

No. 3943

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Mitsubishi Electric to Participate in COP31

Showcasing Initiatives to Contribute to Addressing Climate Change



Official Logo of COP31

TOKYO, October 13, 2026 – [Mitsubishi Electric Corporation](https://www.mitsubishi-electric.com) (TOKYO: 6503) announced today that it will participate in COP31, the 31st Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC) to be held in Antalya, Turkey from November 9 through November 20, following its selection by Ministry of Environment, Japan. Under the theme of “Supporting Decarbonization and the Energy Transition through Satellite GHG¹ Data,” Mitsubishi Electric will exhibit at [the Japan Pavilion](#). The company is also to participate as a speaker in the seminars “Blue Carbon and Ocean-based Solutions for Climate Action” and “Japan Accelerator Network: Decarbonization and Circular Economy in the Built Environment,” both at the Japan Pavilion.

Mitsubishi Electric places sustainability at the cornerstone of its management and is accelerating “Trade-On” (mutual benefits) initiatives that balance addressing social challenges and growing its business. Mitsubishi Electric’s comprehensive and strategic sustainability initiatives extend beyond existing businesses and organizations to advance technological innovation under the corporate materialities “Realize a sustainable global environment” and “Promote innovation for sustainability.”

At the on-site showcase, Mitsubishi Electric will exhibit an initiative to visualize the distribution of greenhouse gases (GHGs) across the globe using satellite data through a joint exhibition with MUFG Bank, Ltd. and

¹ Greenhouse gas. Any gas that absorbs infrared radiation in the atmosphere, e.g., carbon dioxide and methane.

Satellite Data Services Co., Ltd., both of which are partners of Mitsubishi Electric in this business.

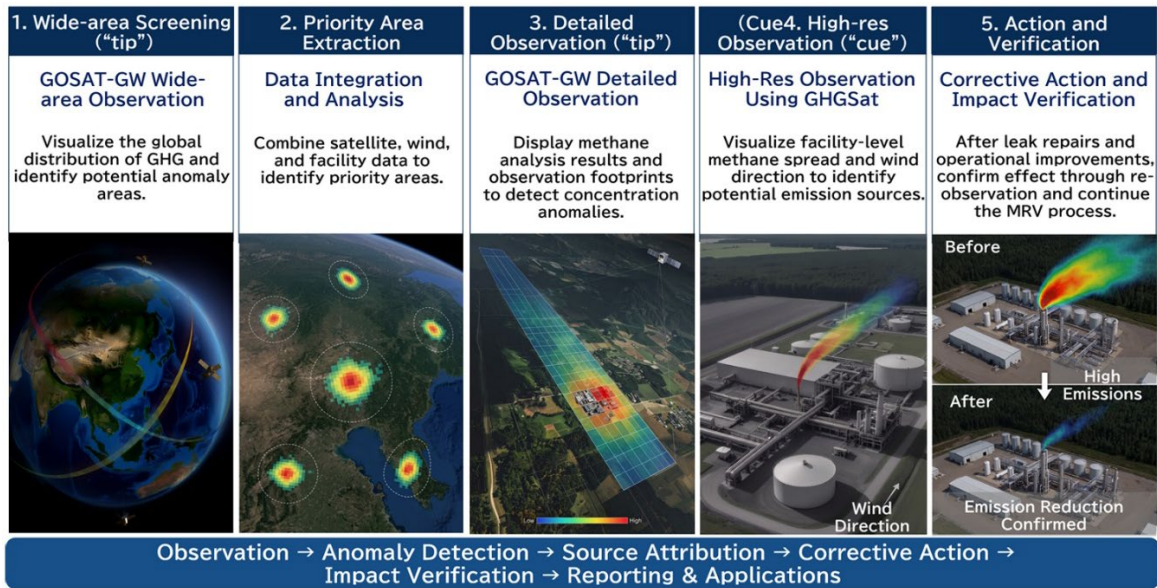
The seminar “Blue Carbon and Ocean-based Solutions for Climate Action,” will bring together multiple experts from industry, government, academia, and the private sector both Japanese and international. It will feature presentations on initiatives and policies being advanced in Japan, as well as information sharing by representatives from other countries and international organizations, and discussion on how to advance climate action. Mitsubishi Electric will introduce its [direct ocean capture \(DOC\) initiative](#), which is an ocean-based carbon dioxide removal (CDR) technology that captures CO₂ from the atmosphere via seawater.

At the seminar “Japan Accelerator Network: Decarbonization and Circular Economy in the Built Environment,” organized by the Japan Accelerator Network—a project to be jointly established by Ministry of Environment, Japan and the World Economic Forum in October 2026—several Japanese companies will share their understanding of the challenges involved in achieving decarbonization and a circular economy simultaneously, and discuss future actions.

Through its exhibition and participation in seminars at COP31, Mitsubishi Electric will share its technologies and solutions with stakeholders from around the world—including researchers, governments, international organizations, and companies, exchange views and information with them, and further accelerate its efforts to help realize a sustainable society.

Exhibit Details

1) On-Site Showcase: “Supporting Decarbonization and the Energy Transition through Satellite GHG Data”



Demo workflow: From satellite GHG data to emissions reduction and MRV

Mitsubishi Electric, MUFG Bank, and Satellite Data Services will jointly present an overview of a service that uses satellite data to identify GHG emission sources and quantify emissions. Through a video demonstration displayed on a monitor, the exhibit will introduce an end-to-end measurement, reporting and verification (MRV²) approach, from identifying potential GHG emission anomalies to assessing the

² A framework for measuring, reporting, and verifying greenhouse gas emissions and related data.

effectiveness of emission-reduction measures through follow-up observations. Specifically, visitors will be able to experience “tip & cue” operations³ through an interactive monitor: the Global Observing SATellite for Greenhouse gases and Water cycle (GOSAT-GW⁴) first conducts wide-area observations covering the globe to detect locations where anomalies such as methane leaks are suspected, and then the small-satellite constellation operated by Canada-based GHGSat Inc. conducts high-resolution observations to examine the targeted areas and facilities in greater detail.

2) Seminar: “Blue Carbon and Ocean-based Solutions for Climate Action”

Hosted by Ministry of Environment, Japan and co-hosted by Ministry of Land, Infrastructure, Transport and Tourism, this seminar will discuss the essential need to advance not only measures to reduce GHG emissions but also measures to enhance carbon sinks in order to achieve the global 1.5°C target.⁵

Ocean-based climate action, including blue carbon, which refers to carbon sequestration through coastal ecosystems, has been attracting growing interest worldwide and has also been selected as one of the themes of the COP31 Action Agenda. Mitsubishi Electric will introduce its direct ocean capture (DOC) initiative, which is currently being developed for commercialization in collaboration with VTT Technical Research Centre of Finland Ltd.

3) Seminar: “Japan Accelerator Network: Decarbonization and Circular Economy in the Built Environment”

The Japan Accelerator Network—a project to be jointly established by Ministry of Environment, Japan and the World Economic Forum in October 2026— is a project designed to promote public-private collaboration aimed at advancing the simultaneous realization of decarbonization and a circular economy, particularly within the built environment sector. At the seminar hosted by Ministry of Environment, Japan, participants will discuss how to achieve decarbonization (net-zero) and a circular economy simultaneously in the built environment.

As one of the participating Japanese companies, Mitsubishi Electric will introduce its initiatives toward net-zero and a circular economy aimed at achieving “Trade-On (mutual benefits)”.

4) Virtual (Online) Showcase

A virtual showcase will be launched by Ministry of Environment, Japan, in conjunction with the official website of the COP31 Japan Pavilion. In addition to the “Supporting Decarbonization and the Energy Transition through Satellite GHG Data” on-site showcase, the virtual showcase will introduce Mitsubishi Electric’s direct ocean capture (DOC) initiative and carbon recycling initiatives based on the concept of carbon dioxide capture and utilization (CCU) solutions aimed at “local production for local consumption”.

The virtual showcase URL: <https://jprsi.go.jp/cop31/en/showcase>

³ An operational approach in which wide-area observations provide a “tip” indicating areas with potential emission risks, which then triggers a “cue” for high-resolution satellites to conduct targeted observations and narrow down potential emission sources.

⁴ A satellite jointly operated by Ministry of Environment, Japan, the National Institute for Environmental Studies (NIES), and the Japan Aerospace Exploration Agency (JAXA). Mitsubishi Electric served as the prime contractor, responsible for the development of the satellite system and its onboard sensors, TANSO-3 and AMSR3.

⁵ The 1.5 °C target is the goal of the Paris Agreement, which calls for countries to take concerted climate action to reduce GHG emissions in order to limit global warming.

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About Mitsubishi Electric Corporation

Guided by its [corporate philosophy](#), Mitsubishi Electric Corporation (TOKYO: 6503) places sustainability at the core of its operations and values stakeholder trust—encompassing society, customers, shareholders and employees. In pursuing profitability, capital efficiency and growth, Mitsubishi Electric works closely alongside customers to develop value-added solutions that address today's complex challenges while enhancing the company's sustainable corporate value.

Founded in 1921, Mitsubishi Electric has over a century of experience in delivering reliable, high-quality products and solutions. With over 200 group companies and approximately 150,000 employees worldwide, the company is a recognized global leader in manufacturing, marketing and selling electrical and electronic equipment and systems across a broad range of sectors, including public utility systems, energy systems, defense and space systems, factory automation systems, automotive equipment, building systems, air conditioning systems & home products, digital innovations, and semiconductor & devices.

Mitsubishi Electric recorded consolidated revenue of 5,894.7 billion yen (U.S.\$ 36.8 billion*) in the fiscal year that ended on March 31, 2026. For more information, please visit www.MitsubishiElectric.com

*JPY 160=USD 1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2026