



MinebeaMitsumi
AEROSPACE

**Our Commitment
to Carbon Neutrality
by 2050**



Our Decarbonization Commitment

MinebeaMitsumi Aerospace will achieve Scope 1 and 2 carbon neutrality by 2050.

As the aerospace pillar of MinebeaMitsumi, MinebeaMitsumi Aerospace has integrated greenhouse gas emissions reduction into our company culture and daily processes. The aviation/airline industry's goal of zero net emissions by 2050 is ambitious, and places very high expectations on every company involved in the aerospace supply chain. Innovation, commitment, and accountability are woven into the fabric of MinebeaMitsumi Aerospace and serve as the foundation of our environmental strategy.

We all have an obligation to future generations to take care of our planet. Decreasing the amount of greenhouse gasses emitted by manufacturing and operational activities is one of many ways we exhibit our environmental commitment.

Our efforts to reduce energy usage, produce green power for internal consumption, and adopt renewable/green energy purchasing strategies not only reduce our environmental footprint, they also provide an example to all stakeholders of our commitment to operating a responsible business.

MinebeaMitsumi, our parent company headquartered in Japan, participates in the [Carbon Disclosure Project](#). MinebeaMitsumi Aerospace data is aggregated as part of the whole submission.

In 2022, MinebeaMitsumi scored an **“A-” rating in the Climate Change category.**

To learn more about MinebeaMitsumi's environmental initiatives, download their [Integrated Report 2023](#).



Scope 1 and Scope 2 Decarbonization Targets

We are demonstrating our commitment to decarbonization through investments in infrastructure and other improvements that reduce the overall greenhouse gasses emitted by our operations and the overall energy we use in those facilities.

- We will continue to incorporate the latest low-emission heating and cooling technologies wherever possible, such as geothermal and biomass currently in use in our CEROBEAR and HiTech divisions. We have invested in solar installations in our Thailand factory and have another significant installation planned for our factory in Chatsworth, CA.
- Where possible, we will incorporate renewable energy into power purchasing agreements.
- We allocate a portion of our annual capital expense budget specifically to greenhouse gas reduction projects and we have created a discrete capital expense process that allows us to fast-track GHG project approval.

Our Roadmap to Carbon Neutral

2010-2020



On-going activities resulted in emissions reduction of more than **50%** and normalized emissions reduction of **70%**.

2026



12% Reduction in GHG Intensity. Target the energy efficiency of our manufacturing activity.

2030



59% Reduction in GHG Intensity. Focus on how and where we purchase power.

2050



Scope 1 and 2 **Carbon Neutral.**

Scope 3 and Beyond

While we have not set our Scope 3 targets yet, we are communicating with our suppliers and transportation partners about our plans to further reduce greenhouse gas emissions - both upstream and downstream.

We initiated discussions with our major raw material suppliers to understand their goals and objectives. This includes the essential technological advancements that will need to occur in such an energy intensive industry. We will implement policies that encourage our suppliers and vendors to commit to their own ambitious reduction initiatives. With training and resource investment, we will encourage our employees to become active participants in reducing greenhouse gas emissions.

Tomorrow's Aerospace Technology

As we look to 2050, we envision the incorporation of both incremental and disruptive technology advancements into the airline industry's strategy for carbon neutrality. As our customers continue to innovate in the areas of hydrogen, hybrid-electric, electric and beyond, MinebeaMitsumi Aerospace, through its New Product Development Center, is prepared to assist by leveraging optimized design, lighter materials, additive manufactured products, and our expertise in extreme environmental conditions to find solutions to our customers unique design challenges. In addition, customers can take advantage of our test lab equipped to provide elemental to full scale testing (TRL07) based upon custom parameters.



GLOBAL SALES AND MANUFACTURING

Contact a sales office near you to learn more about our world-class capabilities.

MinebeaMitsumi Aerospace is committed to delivering the right products and solutions, no matter where in the world you are. Our international team of highly trained sales and product specialists serves as your expert connection to the highly developed engineering, manufacturing, and new product development capabilities of our worldwide network of aerospace manufacturers. Before you begin your next project, contact MinebeaMitsumi Aerospace, the global brand that's bringing excellence together.

Visit minebeamitsumi.com to learn about additional mechatronic products from the MinebeaMitsumi Group.

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Bringing Excellence Together.

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