

Looking to our future: All sites will be carbon neutral by 2027

One of the first in the Hitachi Group to start converting to renewable energy

To prevent the spread of global warming, Hitachi High-Tech is investing in a variety of energy-saving measures to reduce CO₂ emissions, including the replacement of air conditioning with high-efficiency equipment and LED lighting, and the introduction of solar power generation. The Paris Agreement of 2015, which sets targets to limit the increase in global average temperatures, was the impetus for these initiatives. In response to the adoption of this Paris Agreement, we began to constrict total CO₂ emissions from FY2019. We were one of the first companies in the Hitachi Group to launch initiatives to achieve carbon neutrality. Currently, we are steadily switching the electricity used at our domestic manufacturing sites from sources such as fossil fuels like petroleum to renewable energy sources that do not emit CO₂, including hydroelectric and solar power.

Aiming to achieve carbon neutrality at all sites, both domestic and overseas, by FY2027

By FY2023, Hitachi High-Tech had eight domestic sites that had achieved carbon neutrality. The total amount of CO₂ emissions has been reduced by approximately 31% compared to FY2018, the year before these initiatives began. Overseas, Hitachi High-Tech America, Inc. started CO₂ emission reduction initiatives in FY2024. We aim to reduce CO₂ emissions from electricity and fuel consumption to zero by FY2027. The Hitachi High-Tech Group will continue to strive to achieve its targets, including maximizing the use of renewable energy at all 144 locations (as of the end of FY2023), regardless of the size or geography or whether it is a manufacturing or sales site.

Establishing a promotion plan tailored to the situation at each site and implementing initiatives in steps

In promoting carbon neutrality, we conduct preliminary studies in each country and region on policies and the supply-demand situation for renewable energy and then formulate promotion plans for each local subsidiary. Based on these promotion plans and with the aim of realizing a decarbonized society, we will also introduce various environmental measures, such as investments in energy conservation and the use of renewable energy, at our new semiconductor manufacturing facility and new site for molecular diagnostic-related equipment.

Materiality1 Action Target1

Action Plan 4 Initiatives for energy creation, introduction of renewable energy, and energy conservation aimed at carbon neutrality at our group's global factories and offices

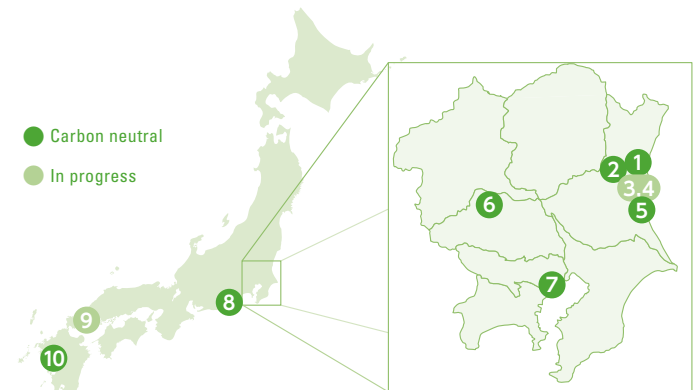
Key words

Global warming

CO₂ emissions reduction

Renewable energy

Achievement of carbon neutrality at major sites in Japan



- 1 Hitachi High-Tech Manufacturing & Service Corporation 6th Branch Office
- 2 Hitachi High-Tech Solutions Corporation Mito Division
- 3 Hitachi High-Tech, Naka Area
- 4 Head Office, Hitachi High-Tech Manufacturing & Service Corp.
- 5 Hitachi High-Tech, Naka Area
- 6 Hitachi High-Tech, Saitama Site
- 7 Head Office Building
- 8 Hitachi High-Tech Science Corporation Fuji Oyama Works
- 9 Hitachi High-Tech, Kasado Area
- 10 Hitachi High-Tech Kyushu



New manufacturing building at Hitachi High-Tech's Kasado Area (image of completion)