

The GE Healthcare Carbon Roadmap



Climate action is an integral part of our mission to improve outcomes for patients, healthcare providers and researchers around the world, and it is our responsibility to intensify our actions to further reduce our emissions.



In 2018, the Intergovernmental Panel on Climate Change (IPCC) warned that global warming must not exceed 1.5°C above pre-industrial temperatures to avoid the catastrophic impacts of climate change. To achieve this, greenhouse gas (GHG) emissions must halve by 2030 – and drop to net zero by 2050.** In addition, according to the World Health Organisation, climate change is expected to cause around 250,000 additional deaths per year*.

As a leading global medical technology company, we strongly believe that climate action is an integral part of our mission to improve outcomes for patients, healthcare providers and researchers around the world, and that it is our responsibility to intensify our actions to further reduce our emissions.

GE Healthcare has committed to achieve net zero by 2050 and is part of the UN-backed “Race to Zero”, which commits us to reducing emissions in line with the Paris Agreement, with transparent action plans and robust nearterm targets. We have signed up to the Science Base Targets initiative (SBTi) business ambition for 1.5C, a group of visionary corporate leaders taking ambitious climate action, and we have committed to implementing

science based targets. This includes a public goal to reduce operational emissions (scope 1 and 2) by 50% by 2030 against a 2019 baseline.

Our Performance to Date

In 2019 GE Healthcare strengthened previous commitments and set a new ambitious goal to reduce greenhouse gas emissions by 50% against a 2019 baseline.

In 2020 we achieved a 9% reduction in greenhouse gas emissions from the 2019 baseline. We recognize that some of these reductions were a result of changes in working practices brought about by the Covid-19 pandemic, though we anticipate that some of these changes may be permanent as we seek to offer increased flexibility around working locations.

In 2021 we achieved a 7% reduction in greenhouse gas emissions from the 2019 baseline. The main reductions came from reduced fleet emissions associated with the start of our transition towards electric vehicles and reduction efforts on our larger sites.

The SBTi Net-Zero Standard Defines Corporate Net-Zero As:

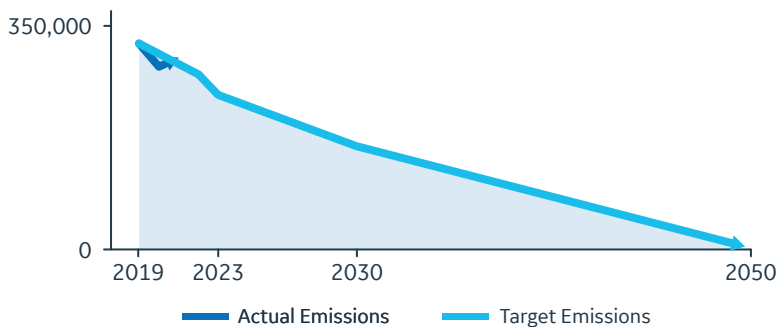
- Reducing scope 1, 2, and 3 emissions to zero or to a residual level that is consistent with reaching net-zero emissions at the global or sector level in eligible 1.5°C-aligned pathways
- Neutralizing any residual emissions at the net-zero target year and any GHG emissions released into the atmosphere thereafter

Scope 1 emissions are direct emissions from owned or controlled sources

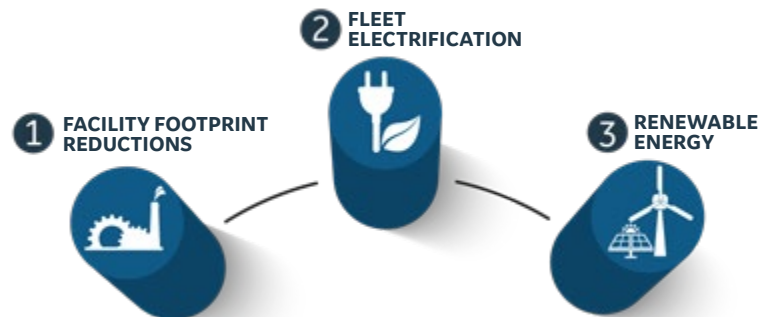
Scope 2 emissions are indirect emissions from the generation of purchased energy

Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions.

Our objective is to achieve reducing our greenhouse gas emissions by 50% and becoming net zero by 2050.



We take the view that every ton counts and, to achieve this ambitious goal, our operational strategy is focused around three pillars:





1. Cutting Greenhouse Gas Releases From Our Facilities

We set internal carbon milestone targets for 2022 and 2023, which are cascaded and tracked through our supply chain leaders and service teams.

In 2021 we carried out 8-week energy reduction workshops with our larger sites. 22 sites completed the workshop in 2021 and a further 20 sites started in January 2022. These workshops helped our larger sites develop carbon reduction roadmaps to drive the reductions needed to achieve our goal.

Our larger sites develop and report on their carbon reduction roadmaps as part of an annual governance process, and it is our priority to execute the planned reduction projects identified in these roadmaps.

2021 Completed Roadmap Project Wuxi Site, China



Replaced shuttle bus with electric model, saving 105 metric tons of CO₂e

2021 Completed Roadmap Project Monterrey Site, Mexico



LED lighting project saved 121 metric tons of CO₂e

2021 Shark Tank Project Zipf Site, Austria



Installation of rooftop solar (PV) unit resulted in a greenhouse gas reduction of 50 metric tons

We set up an internal “shark tank” fund to support carbon reduction projects and in 2021 this mechanism financed projects that we anticipate will reduce our greenhouse gas emissions by over 11,000 metric tons. This fund has been continued to finance 2022 reduction projects and we are starting to see the impact of these projects.

In 2021 we also strengthened our energy data collection and set energy reduction expectations for all industrial sites by adding an environmental sustainability element to our global EHS management system.



2. Reducing Emissions From Our Fleet

We have a global fleet of over 10,000 vehicles. The largest proportion of these are for our service engineers to carry tools and parts for installation and servicing of hospital equipment.

In 2021 we started the process of transitioning vehicles in North America and Europe to electric and hybrid vehicles. We're also exploring mobility and other efficiency options to try and reduce the environmental footprint of our fleet. In 2022 we are continuing to optimize our vehicle use and extend our transition to electric vehicles as availability of suitable vehicles and recharging infrastructure makes it a viable option.



3. Shifting to Renewable Energy Sources

Our carbon reduction strategy includes transitioning to renewable energy sources, and we are increasing our purchase of renewable energy. In 2021 we moved all our UK sites onto renewable energy, and in 2022 we are continuing to execute our roadmap to increase renewable energy purchase across all regions.

In addition to our Carbon reduction plan, GE Healthcare’s sustainability priorities also includes Circular Economy & Eco-design; Access, Affordability & Patient-centric Approach; Diversity, Equity & Inclusion; Cybersecurity, Data Use & Security.

*WHO 2018 Climate Factsheet <https://www.who.int/news-room/fact-sheets/detail/climate-change-and-health>

** Science Based Targets <https://sciencebasedtargets.org/about-us>

