

Sharp Eco Vision 2050

On course for Net Zero

Sharp is on track to become a truly sustainable global business. With a heritage stretching back over 112 years, we're acutely aware of our place in the world and the role we can play in building a sustainable future for everyone.

Through Eco Vision 2050 we have a clear roadmap to build on our achievements and become fully Net Zero across all our business activities.



Our sustainability journey

These key milestones show how we're already making an impact and bringing accountability to Sharp's Eco Vision 2050:

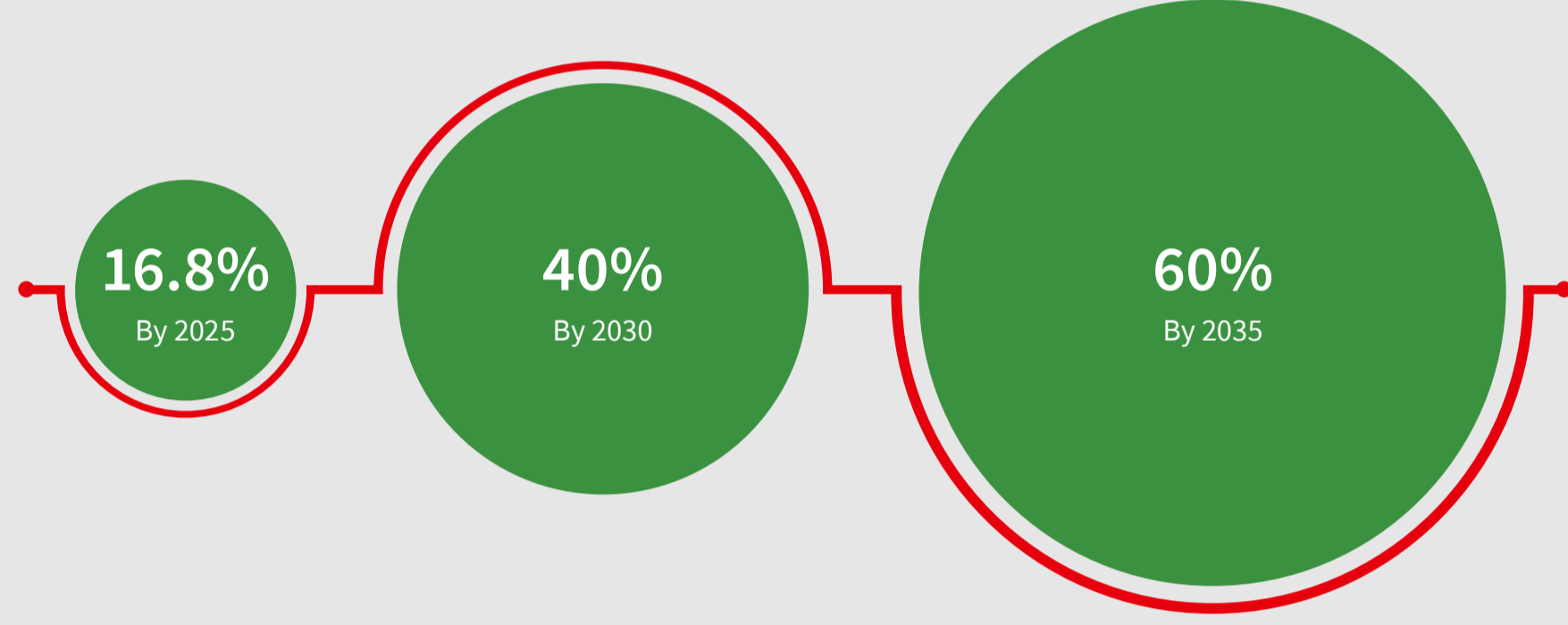


Where we're going

Our mid-term goal for climate change is to reduce our Greenhouse Gas (GHG) emissions by 4.25 - 4.6% each year across our products and business operations, amounting to a 60%^{*1} reduction by 2035 in line with the 1.5^o target.² Continuous, sustained reductions add up to a big impact. Here's what our plan means in practice:

Our vision is to be
Net Zero
by 2050

We plan to reduce our CO₂ emissions by:



How we're getting there

Achieving the Eco Vision 2050 goal means challenging everything we do as a business. We've set ambitious sustainability targets across the entire lifecycle of our products - from design to end-of-life.



Zero discharge to landfill

The Sharp Group has achieved **zero discharge to landfill**³ on a global basis. In 2022 we achieved a **total waste reduction of 27%**, and we're building on these achievements by:

Longer lifespans

Longer product lifespans, longer life serviceable parts and fewer engineer visits mean **less resource consumption**.

Reducing packaging

Optimising packaging sizes for Display products. This has **reduced freight costs, saving up to 35% in transport CO₂ emissions**. Latest MFPs have already **reduced plastic packaging** by 17%.

Increased recycling

Increasing the recycled content and recyclability of our products (aim to use **50% recycled plastic** in MFP production).

100% Renewable energy

As a manufacturer of **solar photovoltaic (PV) panels**, Sharp is committed to using solar and other renewable energy sources to power business operations. Our target is to use **100% renewable energy** in business activities.



Generating renewable power

In 2022 we generated **5.06 million kWh of electricity** and purchased **5.18 million kWh of green power** through the launch of new PV systems at plants in Thailand and Indonesia.

Solar panels

The global generating capacity from solar panels produced by Sharp equates to 17 GW - **avoiding 6 million tonnes of CO₂ emissions per year**.



Protecting our environment

Our business partners are very much part of **Eco Vision 2050**. As well as maintaining **impartial and fairness** in all purchasing activities, our social responsibilities across the supply chain include product safety, environmental protection, human rights and labour, and health and safety. Here are a few ways **we're working smarter, together**.

Reducing GHG emissions

We **reduced GHG emissions by 9.7%**** by changing energy suppliers and **reduced related GHG emissions by 9.2%**** using smarter shipping routes and suppliers closer to final destinations.

Working with suppliers

Our green purchasing guidelines ensure **we work together with suppliers to provide products and services with minimal environmental impact**.

Promoting safety

We strive to have a **positive effect** on people's health, the natural environment, and ecosystems with our business activities.

^{*1} Compared with fiscal 2021. Includes emissions from fiscal 2021 onwards from Sakai Display Products Corporation, which became a wholly owned subsidiary of Sharp Corporation in June 2022.
^{*2} As per the Paris Agreement commitment.
^{*3} Sharp defines "zero discharge to landfill" as a final landfill disposal rate of less than 0.5%. Final landfill disposal rate (%) = Amount of landfill disposal ÷ amount of waste, etc., generated × 100.
^{**} Energy suppliers changed in September 2022. Relates to MFP business. (20,578t down to 18,591t).
^{**} Between 2021 and 2022.

A shared journey

Eco Vision 2050 is very much about our people and our planet. The journey to sustainability is a road we walk together with every colleague, partner and customer. And while there's still a long way to go, we're conscious of how today's actions are already shaping what happens tomorrow.

[Find out more](#)