

Carbon Reduction Plan

Supplier name: **Panlogic Ltd**

Publication date:

Commitment to achieving Net Zero

Panlogic Ltd (Panlogic) is committed to achieving Net Zero emissions by 2040.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: March 2023 – April 2024

Additional Details relating to the Baseline Emissions calculations.

The period of March 2023 to April 2024 marks both our first and the baseline year for our carbon emission plan.

Although as a small- to medium-sized enterprise (SME) we are not currently subject to any mandatory reporting requirements, we recognise the importance of tracking and reporting our emissions data to achieve meaningful progress toward our carbon reduction goals.

As this is our first time reporting our emissions data, we do not have historical information to reference. However, we are committed to transparency and accountability in our environmental efforts, and we will use insights gained from this baseline year to inform our future strategies and actions.

Please note that Panlogic is not recording Scope 1, Scope 2 and most Scope 3 emissions for the following reasons:

- Scope 1 encompasses direct emissions, including those associated with the direct consumption of natural gas, heating oil, and diesel fuel as well as the emissions

associated with owned and leased vehicles. At Panlogic, we operate a work-from-home model, which allows us to operate without Scope 1 emissions. This means the company does not own, operate, or control sources of emissions like boilers, furnaces, vehicles, or process equipment that may result in the release of emissions into the atmosphere.

- Scope 2 encompasses indirect emissions, including those associated with the purchase and consumption of local electricity and distinct heating energy such as electricity, heat, gas and water supply. At Panlogic, we operate a work-from-home model, which ensures the company operates without Scope 2 emissions. As a result, we do not contribute to indirect emissions associated with energy generation or distribution in our operations.
- Scope 3 encompasses other indirect emissions, such as capital goods, upstream transportation and distribution, waste generated in operation, business travel, employee commuting, employee home-working, and downstream transportation and distribution. As Panlogic specialises in providing digital consultancy services, Scope 3 emissions are mainly related to capital goods, business travel and employee homeworking. We do not own, operate or control sources of emissions related to upstream or downstream transportation and distribution, as they are not relevant to digital consultancy. Similarly, we do not generate waste in operations or account for employee commuting as we do not have a centralised office.

Baseline year emissions: March 2023 – April 2024

EMISSIONS	TOTAL (tCO ₂ e)							
Scope 1	0.00							
Scope 2	0.00							
Scope 3 (Included Sources)	84.55 kgCO₂e <table border="1" data-bbox="533 1671 1406 1877"> <tbody> <tr> <td data-bbox="533 1671 1091 1738">Capital Goods</td> <td data-bbox="1094 1671 1406 1738">0.00</td> </tr> <tr> <td data-bbox="533 1742 1091 1809">Upstream transportation and distribution</td> <td data-bbox="1094 1742 1406 1809">0.00</td> </tr> <tr> <td data-bbox="533 1814 1091 1877">Waste generated in operation</td> <td data-bbox="1094 1814 1406 1877">0.00</td> </tr> </tbody> </table>		Capital Goods	0.00	Upstream transportation and distribution	0.00	Waste generated in operation	0.00
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Waste generated in operation	0.00							

	Business travel ¹	Car: 20.04 kgCO ₂ e Train: 6.01 kgCO ₂ e Total: 26.14 kgCO₂e
	Employee commuting	0.00
	Employee home-working ²	58.41 kgCO ₂ e
	Downstream transportation and distribution	0.00
Total Emissions	84.55 kgCO₂e	

Current Emissions Reporting

Reporting Year: March 2023 – April 2024		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	0.00	
Scope 2	0.00	
Scope 3 (Included Sources)	84.55 kgCO ₂ e	
	Capital Goods	0.00
	Upstream transportation and distribution	0.00
	Waste generated in operation	0.00
	Business travel ³	Car: 20.04 kgCO ₂ e Train: 6.01 kgCO ₂ e

¹ <https://www.lner.co.uk/tickets-savings/the-best-way-to-travel/our-commitment-to-the-environment/#calculator#calculator>

² <https://www.lner.co.uk/tickets-savings/the-best-way-to-travel/our-commitment-to-the-environment/#calculator#calculator>

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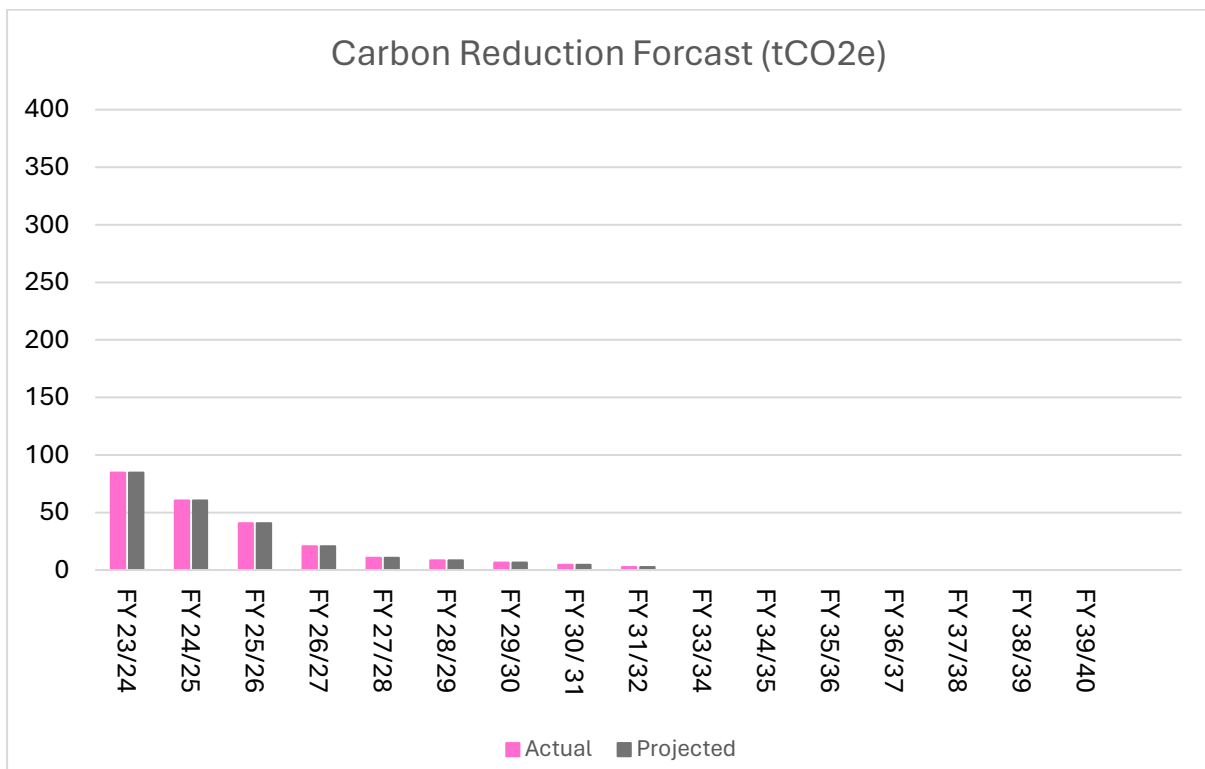
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Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 10.55 CO₂e by FY27/28. This is a reduction of 87.52%.

Progress against these targets can be seen in the graph below



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been implemented since the 2023-2024 baseline. The carbon emission reduction achieved by these schemes equates to 0.85 tCO₂e.

Start points and success factors

Travel

- Panlogic operates a 'Travel Substitution' policy and commits to prioritising video conferencing and web/telecoms communications to minimise its environmental impact.
- A 360% increase in virtual communication tools like Skype, MS Teams and conference calls has significantly reduced travel at Panlogic. From 2023 to 2024, we have seen a 240% decrease in mileage expenses due to mandated public transportation for necessary travel.

We offer the 'Bike 2 Work' salary sacrifice scheme (www.bike2workscheme.co.uk), enabling employees to save up to 52% on the cost of a new bike and equipment.

Future Plans

At Panlogic, we are committed to reducing our environmental impact and continually improving our sustainability practices. We have outlined several measures that we plan to implement in the future:

Sustainable Development

- Incorporate considerations for both global poverty reduction and future generations into our strategic decision-making processes.
- Refrain from collaborating with organisations that violate these principles, whether as suppliers or clients.

Hosting & energy efficiency networks

- Continue collaborating with energy-efficient internet service providers when identifying client hosting requirements.
- Stay informed about our chosen provider's carbon reduction strategies and progress.
- Monitor other providers who prioritise energy efficiency and sustainability, particularly those who are members of the Green Grid (www.thegreengrid.org) and EU-funded projects such as GreenShift (www.greenshift.org.uk).

- Regularly evaluate and update our choice of provider based on their environmental performance

Energy consumption

- Avoid leaving PCs and electronic equipment on standby when not in use.
- Upgrade to more energy-efficient operating systems when necessary, considering the trade-off between energy savings and electronic waste generation.
- Requesting our work-from-home employees to minimise printing (as stated on the footer of our emails).
- Encourage our work-from-home employees to use low energy-efficient lighting solutions and aim to procure only Energy Star Rated products.
- When upgrading to new hardware that we identify products that incorporate more materials reuse and less environmentally harmful substances. (i.e. the e-waste created by an upgrade solely for this reason, would be counter-productive)

Recycling & responsible waste disposal

- Repair, reuse or responsibly recycle all electronic equipment.
- Procure Recycling/Disposal Suppliers responsibly and innovative considerations of PC/peripheral re-use. For example, there are several organisations (such as the International Business Leaders Forum Digital Partnerships Programme) that undertake to ship quality IT equipment to developing countries in the South for the benefit of local communities in training, skills development and accessing public information and services. More locally, a London-based social enterprise Maxitech, recycles kit which is then redistributed to the local area for IT training programmes for the elderly.
- Aim to purchase products that utilise some of the emerging technologies (i.e. lead-free solder, halogen-free wiring, less polluting batteries and recycled plastics).
- Encourage our work-from-home employees to recycle paper and cardboard and have cultivated a culture of recycling across the organisation which it will commit to expanding.

Local suppliers

- **Encourage our work-from-home employees to utilise both local and independent suppliers where they offer an equivalent product or service.**

In addition to the previously mentioned measures, we aim to implement further initiatives to enhance our carbon emissions, such as:

- Investigate the possibility of implementing a structured, independently verified Environmental Management System, such as ISO 14001 or EMAS certification.
- Provide our work-from-home employees training on environmental, health, and safety matters.
- Where applicable, avoid using ozone-depleting substances in production operations, unless no viable alternatives exist.
- Explore opportunities to choose rail travel and green energy vehicles for business purposes when practicable.

Declaration and Sign-off

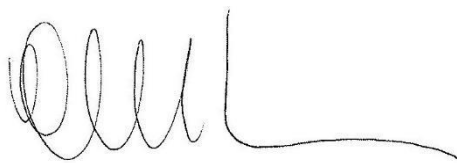
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard⁴ and use the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard⁶.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:



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Date: 6th March 2024

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>