

Fukuda Denshi

is committed to achieving net zero emissions by 2040 when we plan to have reduced our emissions by 90%.

Baseline Emissions Footprint vs Current Emissions Footprint

Baseline emissions are a record of the greenhouse gasses 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.

Emission Scope	Baseline Emissions, 2022 (kg CO2e)	Current Emissions, 2022 (kg CO2e)
Scope 1	37,229	37,229
Sites **	745	745
Company Cars	36,141*	36,141*
Delivery Vehicles	343	343
Scope 2	386	386
Sites **	386	386
Scope 3	89,724	89,724
Sites **	48	48
Home Working	897	897
Company Cars	10,542*	10,542*
Employee Owned Vehicles	3,789*	3,789*
Employee Commuting	13,865*	13,865*
Public Transport & Hire Cars	123	123
Air Travel	5,234*	5,234*
Hotels	5,549	5,549
Freighting Goods	49,455	49,455
Waste Disposal	222	222
Total	127,339	127,339

** Generated from renewable sources

0

0

* includes WTT

The Scope 3 emissions include as a minimum:

- Upstream transportation and distribution
- Waste generated in operations
- Business Travel
- Employee Commuting
- Downstream transportation and distribution

(any omissions or further information is documented in the Additional Details About our Emissions and Targets box below)

Carbon Reduction: Projected vs Actual

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 years to 12,734 by 2040 this is a reduction of 90%



Additional Details About our Emissions and Targets

Year	Comments
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Carbon Reduction Projects

The following environmental management measures and projects are currently in progress or have been completed since the 2022 baseline.

Actions In Progress

Use of Water

Target Completion Date: 31/01/2025

Estimated Carbon Reduction: 4768

Objective

To reduce water wastage

Target

<To reduce water usage from to 325 cubic meters to 307 cubic meters by 2025>

Action, Improvement or Control

To ensure taps are always switched off Ensure the toilets are in good working order Use the Dishwasher (ensure its full) Rather than hand washing up Add a water reduction device to toilets to reduce amount of water used when flushing

Electricity - Lighting and general use

Target Completion Date: 31/01/2025

Estimated Carbon Reduction: 20.625

Objective

To reduce the amount of energy used by the organisation in relation to lighting and general office use

Target

<To calculate the baseline for 12 months by 2023> <To reduce amount of electricity used by 5% by 01/01/2025>

Action, Improvement or Control

Posters reminding to turn off lights, computers and other electrical items up in office. Timers on lights in bathrooms and other appropriate spaces Change all lighting to energy saving alternatives Replace high energy rated appliances with lower energy rated versions Motion sensors for lighting in hallways and other appropriate areas

Use of Heating

Target Completion Date: 31/01/2028

Estimated Carbon Reduction: 184.2

Objective

To reduce amount of energy used for heating by the organisation

Target

<To reduce energy used by 5% in 2025> <To reduce energy used by 184.2kwh in 2025

Action, Improvement or Control

To review and consider reducing thermostat temperatures. Ensure not running heating when areas are unused Ensure boilers serviced regularly and maintained.

Reduce amount of plastic water bottles used

Target Completion Date: 01/01/2025

Estimated Carbon Reduction: 604

Objective

Reduce amount of plastic water bottles used in office

Target

75% reduction in single use plastic bottles

Action, Improvement or Control

Stop purchasing single use water bottles Provide chilled filtered water dispenser and paper cups encourage use of refillable bottles and containers

Car Fleet Emissions

Target Completion Date: 31/01/2028
Estimated Carbon Reduction: 2334

Objective
To reduce the average overall CO2 emissions of the company car fleet

Target
<To calculate the baseline for 12 months by end of 2023.> <To reduce by 5 % or from 46,683 emissions to 44,349 emissions by 01/01/2025.>
<Emissions of cars driven by employees to be less than 95g/km by 2028>

Action, Improvement or Control
Educate employees on maintenance of their vehicles and raise awareness on fuel efficiency. New fleet vehicles leased from 01/01/2024 to have emissions no greater than 95g/km Purchase electric or hybrid cars Install electric car charging stations

Carbon Offsetting

Target Completion Date: 31/01/2025

Objective
To offset some of the carbon emissions generated by the organisation

Target
<To offset 5% of the company carbon emissions in 2025>

Action, Improvement or Control
To find independently verified carbon credits and select a provider for the organisation

Product Packaging

Target Completion Date: 01/01/2025

Objective
To reduce the amount of product packaging going to landfill

Target
<25% of packaging purchased to be made from recycled materials and responsibly sourced.> <25% of packaging coming into warehouse to be reused or recycled>

Action, Improvement or Control
look at purchasing recycled packaging Reuse all packaging that comes into the office. Disposed of packaging to be recycled Look in to purchasing and using non plastic packing materials

Generation of General Office Waste

Target Completion Date: 31/01/2028
Estimated Carbon Reduction: 65.8

Objective
To reduce total amount of waste

Target
<Reduction of 5% in 2025>

Action, Improvement or Control
Recycling posters Recycling facilities available Reduce single use items e.g move to glass milk bottles Reduce - reuse - recycle policy

Completed Actions

Declaration and Sign Off

This carbon reduction plan has been completed in accordance with PPN 06/21 and the associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHC Reporting Protocol corporate standard ¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting ².

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) Standard³.

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

Name

Job Title

Signed on behalf of the Supplier

Date

*The methodology used to calculate the organisation's greenhouse gas emissions in this report is based on:
<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>*

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

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

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