

Carbon Reduction Plan
Canon Medical System Limited
Publication date: **31st March 2023**

Canon Medical System Limited is committed to achieving Net Zero emissions by 2045.

Baseline Emissions Footprint

CMSUK have been setting reduction targets of 2% per annum since 2014. Up to 2022, that equates a compound reduction target of 21.8% in 2022. In fact, our reduction has been 29%. This included a complete elimination in 2021 of Scope 2 emissions due to a switch to green energy. This has to be viewed against a backdrop of a near doubling of employee numbers from 123 to 335 in that same period.

Our target is informed by methods approved by the Science Based Targets initiative (SBTi), in line with best practice when setting carbon targets. Science-based targets are developed in line with the latest climate science, and what is necessary to meet the goals of the Paris Agreement. Our targets have been developed to be consistent with limiting global warming to 1.5°C above preindustrial levels and align with the NHS goals.

Baseline Year: **2014**

Additional Details relating to the Baseline Emissions calculations.

Baseline year emissions:	
EMISSIONS TOTAL	tCO2e
Scope 1	688.42
Scope 2	94.35
Scope 3 (PAS2060 report externally validated by C02 Balance and for every year subsequently)	237.79
Total	1,020.56

Current Emissions Reporting – Reporting Year 2022	
EMISSIONS TOTAL	tCO2e
Scope 1	631.05
Scope 2	0
Scope 3 (PAS2060 report externally validated by C02 Balance and for every year subsequently)	90.27 (includes Hotel stays, Air travel, Waste, Water, Business travel other than company cars)
Total	721

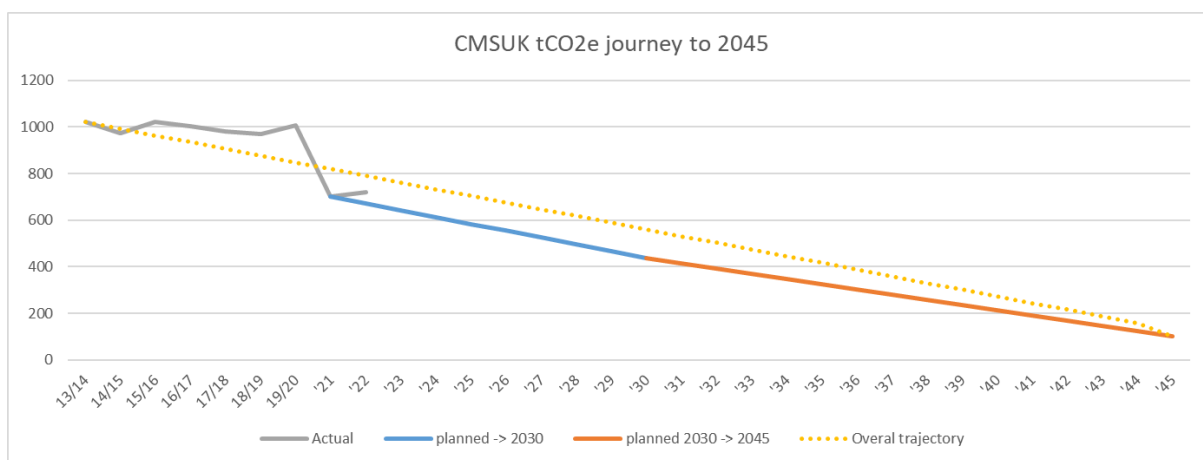
Emissions reduction targets

85% of our current carbon footprint is caused by company vehicles, therefore we are implementing a program to increase the use of electric vehicles by staff, where practicable.

We are also introducing the use of solar panels in two of our largest facilities which, although will not reduce our footprint, will contribute to a reduction in use of renewable external energy and time provide to the national grid.

We project that carbon emissions will decrease over the next five years to **524 tCO₂e** by 2027. This is a reduction of **28%**

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 completed or implemented since the 2014 baseline.

1. Introduction of ISO14001 in 2007 and Certification in 2008
2. Achieved PAS 2060 in 2014
3. Introduction of Electric vehicles (including hybrids)
4. Prior to EV a program reduced emission ICE vehicles
5. Reduction in the Energy Performance of our head office (increase roof insulation, LED lights more effective office glazing, energy efficient boiler and Air con installation)
6. 55% reduction in Electricity usage of head office
7. 30% reduction in Gas usage of head office
8. Zero waste to landfill
9. Purchasing of green electricity
10. Increased remote diagnostics to reduce callout by Service engineers
11. Auto route-planning for service engineer call out
12. Share transport for customer equipment deliveries to reduce carbon footprint of delivery

The carbon emission reduction achieved by these schemes equate to 299.5 tCO₂e, a 29% reduction against the 2014 baseline and the measures will be in effect when performing the contract. These carbon improvements took place whilst the company experienced significant growth i.e. a staff increase of 133% and a turnover increase of 57%

Future significant carbon reduction projects are

1. Further electrification of the car fleet
2. Solar panels to be fitted to company buildings

Declaration and Sign Off

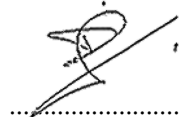
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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

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) Standard.

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

Signed on behalf of Canon Medical Systems Ltd



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D. Hoogmoed
Director of Regulatory Affairs and Quality Assurance

Date: 24/05/2023.....