

# Canon Medical Systems Ltd

## 2030 carbon reduction target

There is a pressing need to reduce global carbon emissions to prevent catastrophic and irreversible climate change. CMSUK is committed to playing its part in addressing the risks of climate change, including cutting the carbon emissions of its operations.

CMSUK are setting our next target to 2030 aligning with our parent company's targets and in line with the aims of the Paris Agreement. Our target is supported by climate science and aligned with keeping global temperature rises to 1.5°C.

**CMSUK commits to cut the absolute GHG emissions from its Scope 1 emissions (use of gas, fuel and refrigerants), Scope 2 emissions (electricity) and business travel by 57.3% or 584 tCO<sub>2</sub>e by 2030, against a 2013/14 baseline.**

### Further details

#### **Context**

CMSUK have been setting reduction targets of 2% per annum since 2014. Up to 2021 that equates a compound reduction target of 19.5% in 2021. In fact our reduction has been 31.1%. 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 125 to 236 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 pre-industrial levels and align with the NHS goals.

#### **Target boundaries**

The CMSUK target includes:

- Direct emissions which includes our building gas use, fuel use, and refrigerants (Scope 1)
- Emissions from electricity (Scope 2)
- Emissions from business travel i.e. air/train travel, Hotel stays (Scope 3)

These *targeted emissions* represent 100% of CMSUK's operational Scope 1 and 2 carbon footprint. The emissions sources included are considered to be those that we are directly responsible for and have the greatest influence.

**Carbon footprint baseline**

An effective target needs a robust baseline against which to measure progress.

Our 2013/14 carbon footprint baseline is 1,020 tonnes CO<sub>2</sub> equivalent (tCO<sub>2</sub>e), equivalent to 8.16 tCO<sub>2</sub>e per employee. The number of employees in the baseline year was 125

**Method used**

The 2030 target has been calculated using the PAS2060 standard which CMSUK comply with and is independently audited by CO<sub>2</sub> Balance (a member of ICROA), and in line with ISO14064-1 and the WBCSD/WRI Green House Gas Protocol Methods.

We have used the SBTi 1.5°C scenario, which lays out a route to reducing emissions to limit warming globally to an average of 1.5°C. This scenario is based on the most recent climate science and the *Special Report on Global Warming of 1.5°C* from the IPCC.

**Target**

CMSUK has committed to a target of reducing its *targeted emissions* to 435.63 tCO<sub>2</sub>e by 2030, a drop of 57.3%, compared to a 2013/14 baseline.

Furthermore, the target has been assessed against the level of ambition from the most recent reporting year (2021) to confirm that the reductions from 2021 to the target year are also aligned with a 1.5°C scenario. Furthermore, this CMSUK target also aligns with the targets set by our parent company Canon Medical Systems Corporation which is a 38% reduction by 2030 based on a 2021 baseline.

An overarching target is for the entire CMS organisation to be Net-zero by 2045.

**Tracking progress and reporting**

We will present progress against our target in our annual ESG report. We will also continue to report on the impact of our other main sources of emissions (such as waste).

**Dik Hoogmoed**

Director of Regulatory Affairs & Quality Assurance

25/08/2022