Carbon Reduction Plan Lot 9

Supplier name:

Dr Madhavi Sadalkar,

Practice principle and IMOS contract holder at Kentish Smiles Clinic, 42-44 Lowfield St, Dartford DA1 1HD

Publication date: 10/07/2025

Commitment to achieving Net Zero

Kentish Smiles Clinic is committed to achieving Net Zero emissions by 2050

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: 2023/24 (01/01/2024 to 01/03/2025)	
Additional Details relating to the Baseline Emissions calculations.	
Emissions data had not been published in prior years therefore we selected 2024/25 as our base year. The methodology for measuring our carbon footprint is in line with the Greenhouse Gas protocol and the BEIS Environmental Reporting Guidelines. The calculations were completed on the Carbon Trust website using the UK Government emissions factors.	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	Zero- We do not burn any fuels at the practice. .
Scope 2	9.1 tCO_2e resulting from electricity consumption within the Practice

Scope 3 **(Included Sources)**	Scope 3 total : Deliveries 0.06 : Waste general and hazardous (combustible) : 1.2 : Commuting: 10.6 : Deliveries (downstream): 0.05 : Transmission and distribution: 0.8
Total Emissions	**21.81tCO_2e**

Emissions reduction targets

Kenstish Smiles Clinic is fully committed to achieving the target of being Carbon Neutral by 2050.

To achieve this target, we have developed a credible and realistic plan, addressing in turn each of the primary sources within or Scope 2 and Scope 3 emissions.

We project that carbon emissions will decrease significantly within the year, resulting from our planned transfer to a renewable electricity tariff once our current contract ends at the end of this year 2024. This action alone will cut our emissions by an estimated 9.1 tCO_2e per annum.

We have also made significant changes in our energy use within the Practice, including installing full double glazing, using LED lights only, having Grad A+ efficiency appliances and driving behavior change with patients and staff change to reduce electricity use as much as possible, such as switching lights and equipment off when not in use

With respect to our Scope 3 emissions, we will launch an awareness raising campaign targeting both staff and patients to highlight the importance of reducing private / single occupancy journeys to and from the Practice. We are cognisant of the fact we are, as a County, on a journey towards de-carbonising transportation and we expect the rate of decrease in our Scope 3 emissions to hasten after 2030 once no new internal combustion engine cars are sold or leased. However, we will not rely on external drivers and will take action as a company, including promoting and facilitating car sharing and bicycle use for staff commuting and promoting the use of public transport. We will also lobby supply chain partners to address their own emissions and add environmental sustainability as a key factor to our procurement decision making and purchasing practices.

It is envisaged that carbon offsetting or technology such as carbon capture and storage will be deployed to achieve the difference between actual and net zero carbon during the final year of our reduction program.

Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The measures will be in effect when fulfilling the contract.

Carbon reduction projects have included:

- Use of electric heaters all on a timer, so only come on during business hours.
- Avoid overheating rooms by turning radiators and heaters down or off in unused areas. Use of UV reflective window panels to keep rooms cool, reducing the need for air conditioning use. Thermometers in each room monitor temperature.
- Automatic door closure to all rooms prevents heat loss.
- Cooling rooms in summer thorough closing blinds and opening windows.
- Turning off lights and computers when not in use
- Use LED lightbulbs throughout all premises.
- Use of energy efficient appliances (microwaves and fridges)
- Implemented HTM 01-07, 2023 new guidelines. We are now further separating our waste into “offensive” waste to reduce clinical waste.

In the future we will implement further measures including:

Scope 2

- Transition to a 100% renewable energy supplier at the end of 2024 to “100Green”Interventions to reduce power consumption including insulation installation.
- Awareness raising with staff about personal behavior’s to reduce electricity use.
- Continue with plans to use maximum energy efficient equipment throughout the practice.
- By 2026 We will achieve clinical waste segregation targets of 20:20:60 HTI (High-Temperature Incineration), AT (Alternative Treatment), and OW (Offensive Waste).

Scope 3

- Deliver further reductions in emissions resulting from commuting to work.
- Encourage staff to use low carbon transport methods such as walking, cycling and public transport. We will install 2 secure cycle parking sites outside the dental practice.
- Promote participation in the Government Cycle to Work Scheme
- Run awareness raising campaign targeting patients, through social media, our website and posters/leaflets in the Practice, encouraging them to participate in and support our Net Zero program.
- Encourage patients to consider low-carbon transport options

in patient communication.

- Promote car sharing where feasible for staff and facilitate this through changing our shift rostering and working hours.
- Require suppliers to report their carbon footprint data to us to improve the accuracy of carbon measurement and engaging with suppliers to support our net zero goal.
- Use local suppliers for dental consumable products- F2 medical supplies.
- All suppliers to have produced their own net zero target and plan (by 2030 latest) that align with Kenstish Smiles Clinic targets.
- All dental consumables which are purchased to be biodegradable.

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[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) Standard[3].This Carbon Reduction Plan has been reviewed and signed off by IMOS bidder for Lot 9 (or equivalent management body).

Signed on behalf of the Supplier:

.....Dr. Madhavi Sadalkar

Date: .....10/7/2025.

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