



# Carbon Reduction Plan

Address: Europa Trading Estate, Stoneclough Rd, Stoneclough, Radcliffe, Manchester M26 1GG

Year: FY23

**Organisation Name:** mydentist

**Publication Date:**

### **Commitment to Achieving Net Zero**

mydentist have a target to be net zero by 2045

The NHS define net zero as ‘a state where the amount of greenhouse gases (GHGs) produced is equal to the amount removed from the atmosphere’.

### **Methodology**

GHG emissions have been calculated following best practice methodology set out by the [GHG Protocol Corporate Accounting and Reporting Standard](#) (GHG Protocol). It covers the accounting and reporting of the six greenhouse gases covered by the Kyoto Protocol — carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulphur hexafluoride (SF<sub>6</sub>). All data presented in this carbon reduction plan is given in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e).

Scope 1 and Scope 2 GHG emissions have also been calculated in accordance with existing [Streamlined Energy and Carbon Reporting requirements](#) (SECR); which mandates reporting of GHG emissions on an annual basis. We have adopted operational control approach to GHG emissions in line with the GHG Protocol and BEIS Environmental Reporting Guidelines. All results are presented in tonnes CO<sub>2</sub>e (carbon dioxide equivalent) and have been normalised per £M turnover and per employee.

To calculate our carbon footprint, we used a mix of spend and unit data. Where possible we always used unit data over spend data as we recognise that this provides a more accurate result.

### **Carbon Footprint**

As part of developing our carbon footprint and carbon reduction plan, we assessed emissions reporting categories in the GHG Protocol and found the following categories to be relevant to our business.

Category	Relevant
Scope 1	Yes
Scope 2	Yes
Scope 3: 1. Purchased Goods and Services	Yes
Scope 3: 2. Capital Goods	Yes
Scope 3: 3. Fuel and Energy Related Activities	Yes
Scope 3: 4. Upstream Transportation and Distribution	No
Scope 3: 5. Waste Generated in Operations	Yes
Scope 3: 6. Business Travel	Yes
Scope 3: 7. Employee Commuting	Yes
Scope 3: 8. Upstream Leased Assets	No
Scope 3: 9. Downstream Transportation and Distribution	Yes

Scope 3: 10. Processing of Sold Products	No
Scope 3: 11. Use of Sold Products	No
Scope 3: 12. End-of-Life Treatment of Sold Products	Yes
Scope 3: 13. Downstream Leased Assets	No
Scope 3: 14. Franchises	No
Scope 3: 15. Investments	No

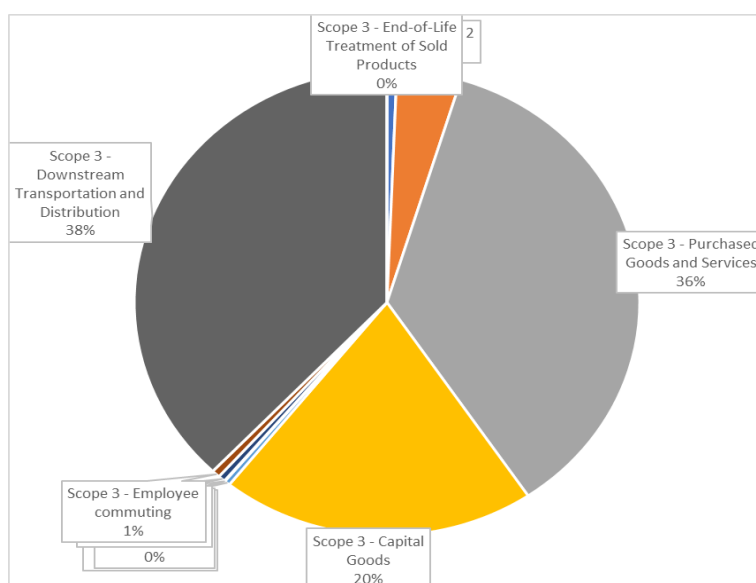
## 2020 Emissions Reporting

Baseline Year: 2020			
<b>Baseline year emissions</b>			
Scope 1	1,329 tCO <sub>2</sub> e		17.65%
Scope 2	5,065 tCO <sub>2</sub> e		67.25%
Scope 3 (Included Sources)	Electricity	393 tCO <sub>2</sub> e	5.2%
	Gas oil	33 tCO <sub>2</sub> e	0.43%
	Passenger car	534 tCO <sub>2</sub> e	7.09%
	Rail Travel	73 tCO <sub>2</sub> e	0.97%
	Flights	101 tCO <sub>2</sub> e	1.34%
	Other	4 tCO <sub>2</sub> e	0.05%
Total Scope 3 Emissions	1,138 tCO <sub>2</sub> e		15.11
Total Emissions	7,532		

## Current Emissions Reporting

Reporting Year: 2023			
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>		
	<b>67128 tCO<sub>2</sub>e</b>		
<b>Scope 1</b>	<b>Natural Gas</b>	124 tCO <sub>2</sub> e	0.19%
	<b>Kerosene</b>	27 tCO <sub>2</sub> e	0.04%
	<b>Fugitive Emissions</b>	3.85 tCO <sub>2</sub> e	0.01%
	<b>Owned Vehicles</b>	273.56 tCO <sub>2</sub> e	0.41%
<b>Scope 2</b>	<b>Electricity</b>	2753 tCO <sub>2</sub> e	4.10%

<b>Scope 3 (Included Sources)</b>	<b>Purchased Goods and Services</b>	24050 tCO <sub>2</sub> e	35.83%
	<b>Capital Goods</b>	13530 tCO <sub>2</sub> e	20.16%
	<b>Fuel and Energy Related Activities</b>	243 tCO <sub>2</sub> e	0.36%
	<b>Waste Generated in Operations</b>	27 tCO <sub>2</sub> e	0.04%
	<b>Business Travel</b>	305 tCO <sub>2</sub> e	0.45%
	<b>Employee Commuting</b>	356 tCO <sub>2</sub> e	0.53%
	<b>Downstream transportation and distribution</b>	25434 tCO <sub>2</sub> e	37.89%
	<b>End-of-life Treatment of Sold Products</b>	1.17 tCO <sub>2</sub> e	0.00%
<b>Total Scope 1 Emissions</b>		428 tCO <sub>2</sub> e	1%
<b>Total Scope 2 Emissions (Market &amp; Location Based)</b>		2753 tCO <sub>2</sub> e	5%
<b>Total Scope 3 Emissions</b>		63947 tCO <sub>2</sub> e	94%
<b>Total Emissions</b>		67128 tCO <sub>2</sub> e	
<b>Emissions per £M turnover (Market &amp; Location-Based)</b>		125.57 tCO <sub>2</sub> e	
<b>Emissions per employee (Market &amp; Location-Based)</b>		9.97 t CO <sub>2</sub> e	



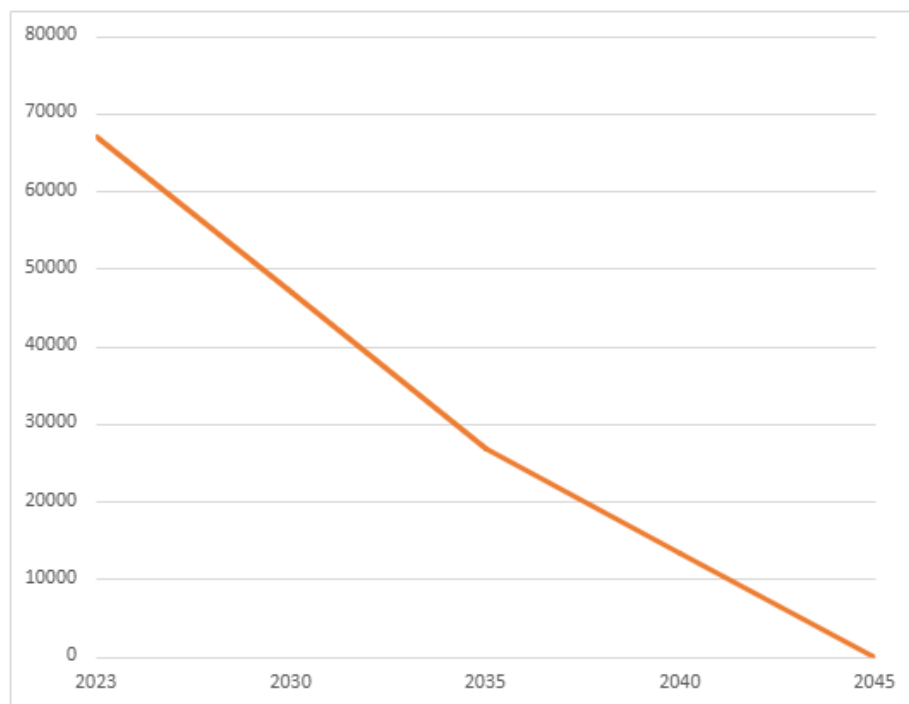
Other Scope 3 categories, Business travel, Waste generated in operations and Fuel & energy related activities, account for <1%

## Rebaseline

The data we're reporting has significantly increased since the original baseline (2020), we are now using 2023 as a new baseline year.

## Emissions Reduction Targets

We've committed to becoming net zero by 2045 against a 2023 baseline, this is in line with NHS net zero targets. The graph below shows the projected reduction trajectory needed to reach our targets.



## Net zero roadmap

We have set a target to be net zero by 2045 in line with NHS requirements. As part of this target setting process we have modelled emissions and are developing a net zero plan to take us through to 2045.

Our largest emissions sit in the following categories:

Category	Emissions (tCO <sub>2</sub> e)	Percentage of total carbon footprint
Downstream transportation and distribution	25434 tCO <sub>2</sub> e	38%
Purchased Goods and Services	24050 tCO <sub>2</sub> e	36%
Capital Goods	13530 tCO <sub>2</sub> e	20%
Scope 1 and 2	3182 tCO <sub>2</sub> e	5%

We have developed commitments within our ESG strategy and are embedding actions in our business processes to decarbonise our energy supply, put in place responsible supplier

standards, purchase sustainable resources and minimising waste, and review employee and patient emissions.

As part of this process we will develop a net zero roadmap, detailing and prioritising the exact actions required.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to 2356 tCO<sub>2</sub>e, a 31.3% reduction against the 2020 baseline and the measures will be in effect when performing the contract:

<b>Scope 1</b>	<ul style="list-style-type: none"> <li>• <b>Paperless practice</b> - 4 million pieces of printed paper saved by introduction of electronic forms to be completed by patients prior to appointments, e.g. medical history, saving a total of 19.4 tCO<sub>2</sub>e.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Practice refurbishments</b> – A total of £ 36,237,639 has been invested since 2019/20 in the refurbishment of existing practices in our network and the build and specification of new sites with a focus on sustainability, e.g. heat recovery vented air systems, much improved insulation and use of LED lighting to reduce electricity usage by approx 80%.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Electric car charging points</b> – Charging points have been installed at the Support Centre.</li> </ul>
<b>Scope 2</b>	<ul style="list-style-type: none"> <li>• <b>Smart Meter roll out</b> - Rolling out smart meters in all practices so we have real-time information on energy consumption to encourage energy efficiency. We have also implemented a programme of regular communications and best practice tips for practices on how to reduce energy consumption, e.g. switching off all lights and equipment every night and over weekends.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Energy supplier</b> – we switched energy provider for all of our practices to use a provider that supplies 100% renewable energy.</li> </ul>
<b>Scope 3</b>	<ul style="list-style-type: none"> <li>• <b>Recycling</b> - Waste and recycling partner, Biffa, collect and sort/stream all recycled general waste. 1,060 tons of waste recycled per annum despite healthcare constraints regarding waste recycling.</li> </ul>
<b>General</b>	<ul style="list-style-type: none"> <li>• <b>Reducing carbon footprint</b> - Reduced group mileage by 2 million miles per annum since 2019/20, resulting in a 450.3 tCO<sub>2</sub>e reduction each year.</li> </ul>

### Future Carbon Reduction Initiatives

In the future we hope to implement further measures such as:

<b>Scope 1</b>	<ul style="list-style-type: none"> <li>• <b>Green Practices</b> - Practices will continue to be refurbished, and new sites will be opened with a focus on sustainability, e.g. heat recovery vented air systems, much improved insulation and use of LED lighting to reduce electricity usage by approx. 80%.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Electric company cars</b> – a number of hybrid vehicles have already been introduced, but the replacement of all of the fleet vehicles with electric cars is currently undergoing a feasibility assessment and cost vs benefit analysis for a future implementation.</li> </ul>
<b>Scope 3</b>	<ul style="list-style-type: none"> <li>• <b>Supplier Code</b> – Update our supplier code to require verification of ESG credentials against minimum ESG criteria to be achieved by of all suppliers to mydentist.</li> </ul>

**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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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: .....