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Supplier name: **Plinth Medical Ltd, incorporating Proskill Engineering Ltd.**

Publication date: 31st July 2025

Commitment to achieving Net Zero

Plinth Medical, incorporating Proskill Engineering is committed to achieving Net Zero emissions by 2045.

Baseline Emissions Footprint

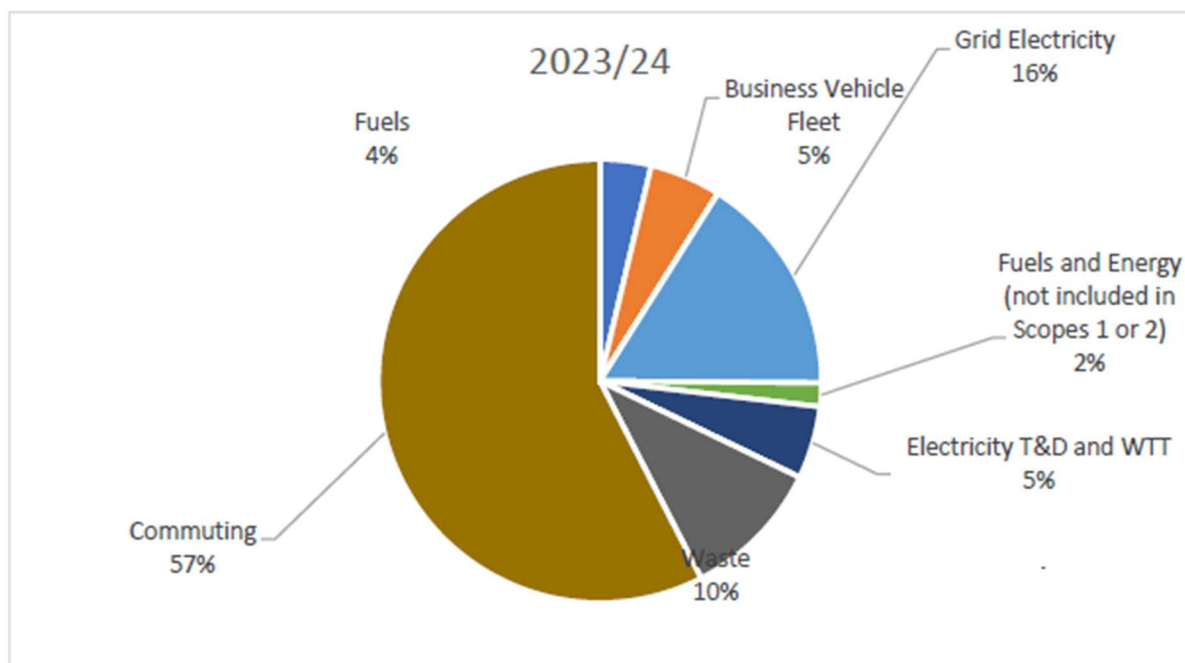
Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 1st April 2023 – 31st March 2024		
Additional Details relating to the Baseline Emissions calculations.		
The baseline includes Scope1, Scope 2and relevant Scope 3 emissions and was calculated using UK Government greenhouse gas conversion factors in accordance with the GHG Protocol Corporate.		
Baseline year emissions:		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	Fuels	5.4
	Business Vehicle Fleet	7.6
Scope 2	Grid Electricity	23.6
Scope 3	Fuel & Energy (Not included in Scopes 1&2)	2.5

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(Included Sources)	Electricity T&D and WTT	7.7
	Waste	15.0
	Commuting	83.3
Total Emissions	145	

Our total emissions equate to a Carbon Intensity Metric of 37.52 kgCO₂e per product manufactured.



Prior to the baseline emission footprint Plinth Medical has already made some significant investment into lowering its carbon footprint and the measures that have already been put into place are.

- Complete LED lighting throughout the offices and factory utilising PIRs in areas that don't require lighting continuously.
- Installed PV system that covers 576.1 m² of roof surface which equates to 295 PV modules and 3 inverters. The system is capable of 119.48 kWp. The system was commissioned in April 2023. During the baseline year this has reduced our Grid consumption by 45%.
- Rather than using traditional fossil fuel heating system we have installed infrared ceiling heating panels throughout the offices and factory area.

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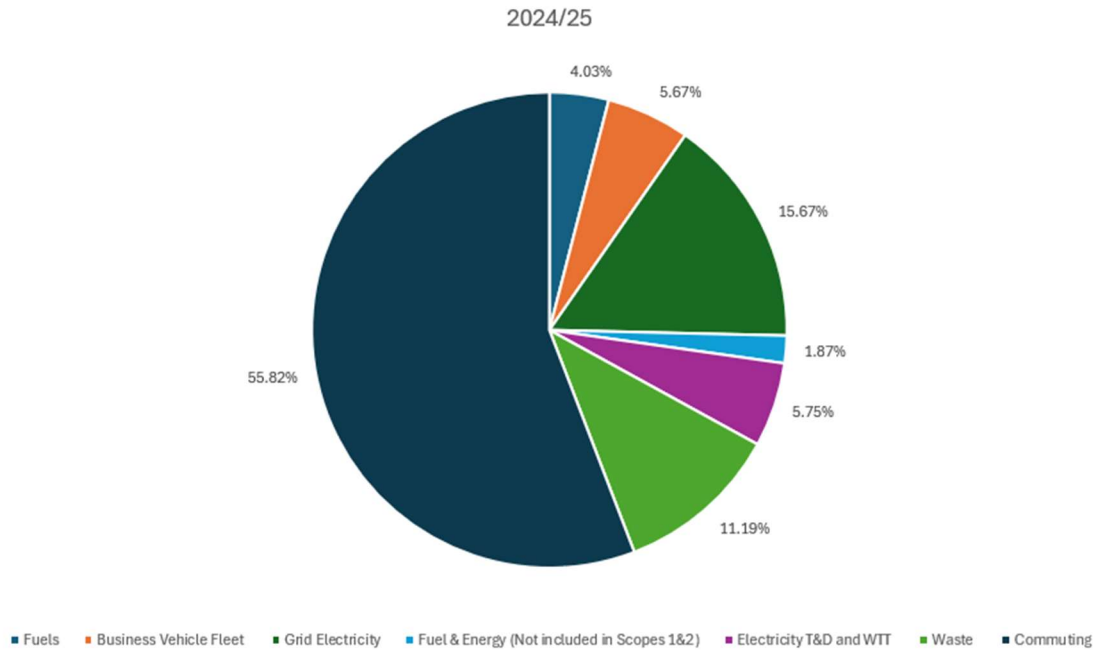
Current Emissions Reporting

Reporting Year: 1 st April 2024 – 31 st March 2025		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	Fuels	5.4
	Business Vehicle Fleet	7.6
Scope 2	Grid Electricity	21
Scope 3 (Included Sources)	Fuel & Energy (Not included in Scopes 1&2)	2.5
	Electricity T&D and WTT	7.7
	Waste	15.0
	Commuting	74.8
	Upstream transportation and distribution	
	Downstream transportation and distribution	
Total Emissions	134	

* Upstream & Downstream transportation and distribution will be added to 25/26 CRP. This is currently being recorded as we are waiting for data from our suppliers and transportation partners.

Our total emissions equate to a Carbon Intensity Metric of 36.78 kgCO₂e per product manufactured.

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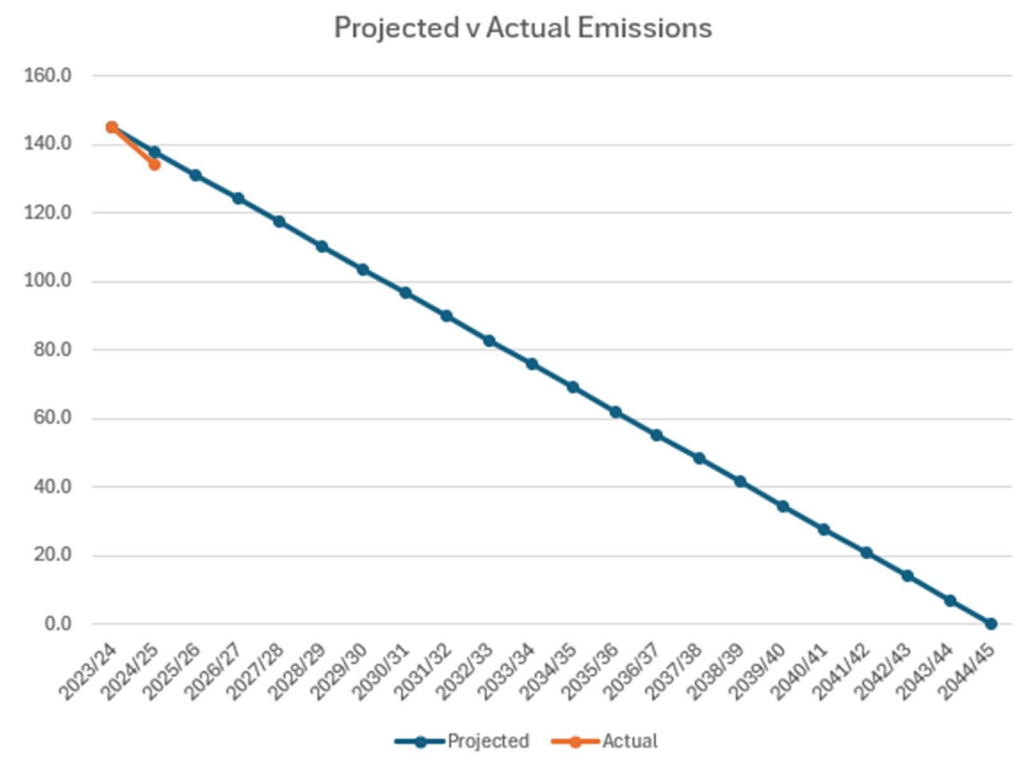


Emissions reduction targets

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 five years to 96.7 tCO₂e by 2030. This is a reduction of 27.3%

Progress against these targets can be seen in the graph below:



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Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023/24 baseline. The carbon emission reduction achieved by these schemes equate to 11 tCO₂e, a 7.59%ge reduction against the 2023/24 baseline and the measures will be in effect when performing the contract

- We have implemented a compressed working week for the factory so that they now work a 4-day week. This has had a very positive effect to our carbon footprint. Being a rural employee the commuting makes up 57% of our carbon footprint. With this change we have managed to reduce our commuting emissions by 10.26% and overall carbon emissions by 5.86%, 8.5 tCO₂e.
- The packaging of products has been changed so that we only use recycled plastic materials and recyclable materials such as cardboard. We have also removed closed cell polyethylene sheets from all our product packaging to reduce waste.
- Continue to work with our transport partner to consolidate deliveries to post code areas on specific days. All collections from site are maximised to full capacity.

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

- Insulating the walls with cavity insulation could save you approximately £520 per year with a payback period of c.4.8 years. This assumes that an internal temperature is set at 21 degrees Celsius. Due to the age of the property we assumed insulation has been implemented in the outlined perimeter (see figure 2) in accordance with 1976 building regulations and has not been updated since. It was also assumed that around 11% of electricity demand was for space heating using direct-acting heaters in the office areas.
- Insulating the roof areas is estimated to save you approximately £1,560 per year based on the assumption of poor level of roof insulation with a payback period of 4.5 years. This assumes that an internal temperature is set at 21 degrees Celsius. The same buildings regulation and heating system assumptions have been applied here as with the above action point.
- Modern Heat-pump technology is extremely efficient at producing heat whereby over 3 kW's of heat produced only requires 1kW of electrical input power.
It is estimated that upon implementation of the building fabric thermal improvements above, upgrading to air-to-air heat-pump space heating technology could see annual savings of approximately £4,200 due to the company already heating the premises with electricity. These savings were also based off electricity pulled from the grid. Savings could be increased and electricity demand could be further reduced with the

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utilisation of the companies solar generated energy. However, it is important to remember the highest heat demand is at the time of year that solar generation is at its lowest.

- HVO can save up to 90% on emissions from compatible diesel vehicles. This calculation is based on an average miles per gallon of 45. The cost has been estimated based on the average price of HVO being 15% more expensive than standard diesel.
Careful consideration is advised to ensure the vehicle can operate under HVO.
Please note, Biofuels are of limited availability and therefore should be considered as an intermediary solution whilst working to build up an EV fleet.
* £460 more than what the company is currently paying in diesel.
- Staff commuting makes up over half of the company's carbon footprint therefore, efforts should also be concentrated here.
Some methods of reducing staff commuting figures can include EV salary sacrifice scheme with charging points available for employee use, Public transport passes, cycle-to-work scheme, car sharing scheme, encourage working from home, and staff incentive programmes to offer rewards for reducing their footprint. It could benefit the company to offer a staff survey to understand what incentives would motivate employees to reduce their commuting emissions.
The reduction in the calculation was assumed at 25%.
- Heat recovery systems, or heat exchangers, can offer thermal support from waste heat to provide heat for space heating or hot water heating. Careful consideration is advised when looking into the practicality of heat recovery systems to ensure they are being utilised to produce the best benefit to the business as these systems can be expensive and therefore, without maximising the benefits can create a longer payback period.
- Eco-friendly powder coating ovens are still a very new technology in the manufacturing industry. We have only been able to identify one company, Broxap Ltd, who has integrated one into their manufacturing.
- We are looking into Environmental Management Systems that will help towards our aim of being net zero by 2045. We are currently investigating acquiring ISO14001 certification.

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.

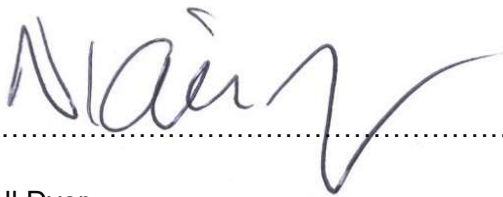
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Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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).

Signed on behalf of the Supplier:



Niall Dyer

Managing Director

Plinth Medical Ltd.

Date: 31.07.2025
