



Carbon Reduction Plan

Doc. Number:

01

Version:

1

Effective Date:

1st April 2023

Supersedes:

N/A

Document Review Date:

1yr from issue

(Re) Training Required?


Y/N

Supplier Name:

Brightwake Limited trading as Advancis Medical


Publication Date:

6th May 2024

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Commitment to achieving Net Zero

Commitment to achieving Net Zero

Brightwake Limited who also trades as Advancis Medical, Advancis Surgical and Advancis Veterinary 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.

Current Emissions Reporting

Baseline Year: 2022 (01/04/2022 to 31/03/2023)	
Additional details relating to the Baseline Emissions calculations	
Emissions data had not been published in prior years therefore we selected 2022/23 as our base year. The methodology for measuring our carbon footprint is in line with Greenhouse Gas protocol and the BEIS Environmental Reporting Guidelines. The calculations were completed on the Smart Carbon Calculator using the UK Government emissions factors.	
Baseline Year Emissions	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	160
Scope 2	300
Scope 3	316
Total Emissions	775

Current Year: 2023 (01/04/2023 to 31/03/2024)	
Additional details relating to the Baseline Emissions calculations	
The methodology for measuring our carbon footprint is in line with Greenhouse Gas protocol and the BEIS Environmental Reporting Guidelines. The calculations were completed on the Smart Carbon Calculator using the UK Government emissions factors.	
Baseline Year Emissions	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	163
Scope 2	215
Scope 3	354
Total Emissions	731

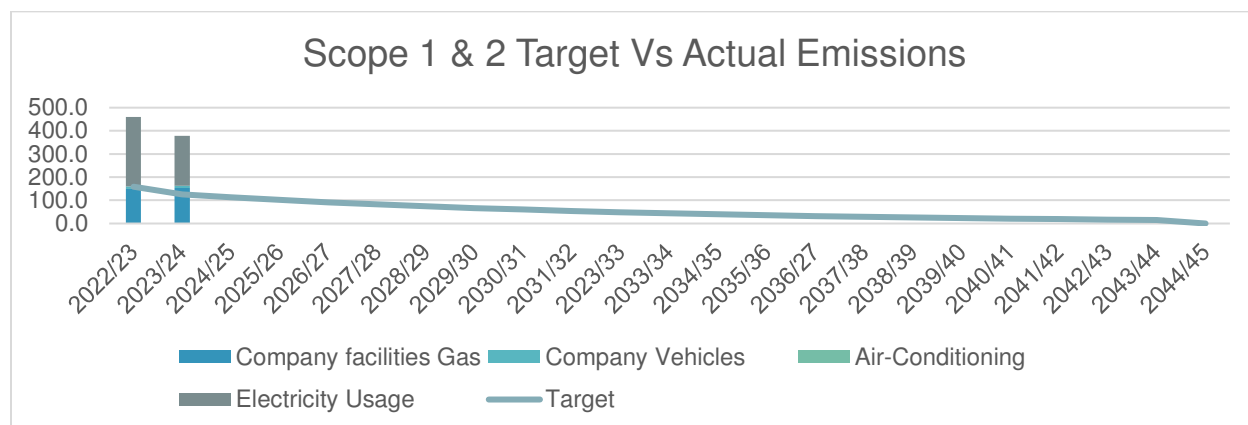
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Emissions reduction targets

In order to continue our progress to achieving Net Zero, Brightwake are committed to setting the following targets:


Scope 1 and 2

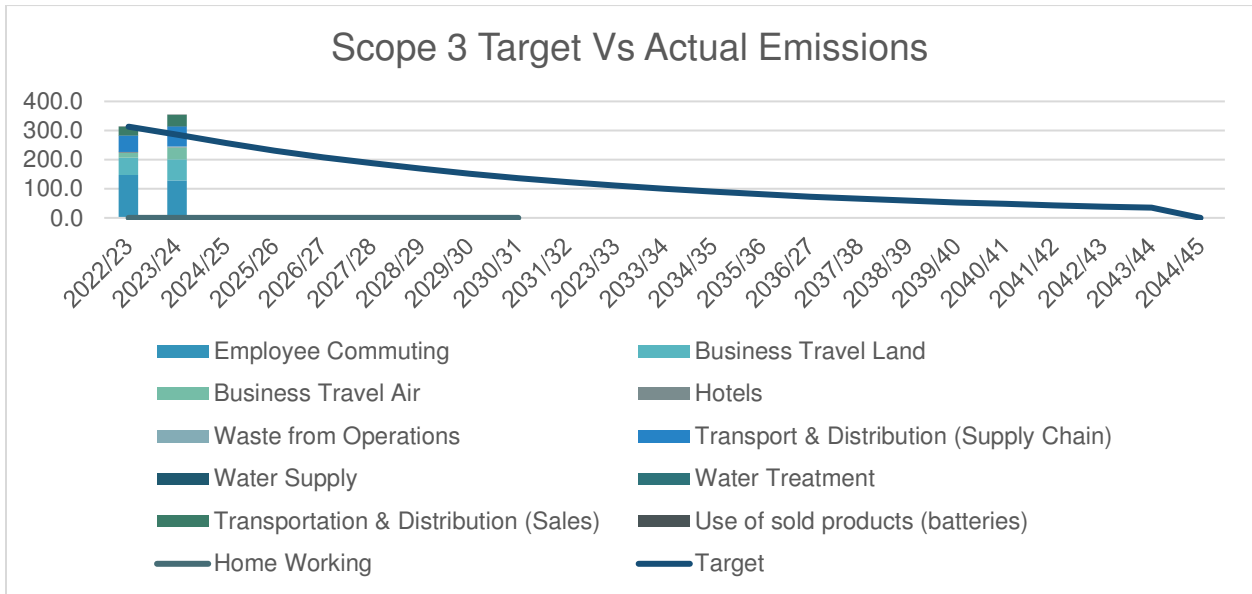
- Increase the amount of renewable electricity sourced by 10%.
- Switching the current 3 diesel company vehicles to petrol-hybrid should see a reduction of 55%. We aim to purchase these at the beginning of 2024/25.
- Increases in production efficiency will facilitate weekly shifts to be reduced from 3 to 2. Therefore, significant parts of the manufacturing operation remain dormant for 1/3 of the working day, yielding a reduction of 20% of electric usage.



Scope 3

- Carbon impact is not solely the responsibility of the senior leadership team but extends to all stakeholders across the company. Forming engagement with all stakeholders will give everyone an idea of how we can reduce carbon emissions. As part of that engagement we plan to introduce a cycle to work scheme. Of the 212 current employees, 84 live in the Ashfield area (closest to Brightwake) - if we can encourage at least 40 people to join the scheme we would see a 2.7% reduction in carbon emissions in commuting. This has worked in the past (2012) with 20 people taking part.
- We estimate that 15% of those employees who commute to Brightwake on a daily basis will switch to a medium hybrid car in the next 12 months, saving approximately 34% carbon.
- When the international sales team across the group renew their vehicles, they will be encouraged to switch from diesel cars to hybrids, contributing to a saving of 35% in carbon emissions on those vehicles if we see 20% of employees switch.

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We project that carbon emissions will decrease over the next five years to 207.9tCO₂e by 2026/27. This is a reduction of 34% from 2022/23 and the projection is to reach net zero carbon by 2045. 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.

Carbon Reduction Projects


Since our baseline year we have been able to implement the following projects

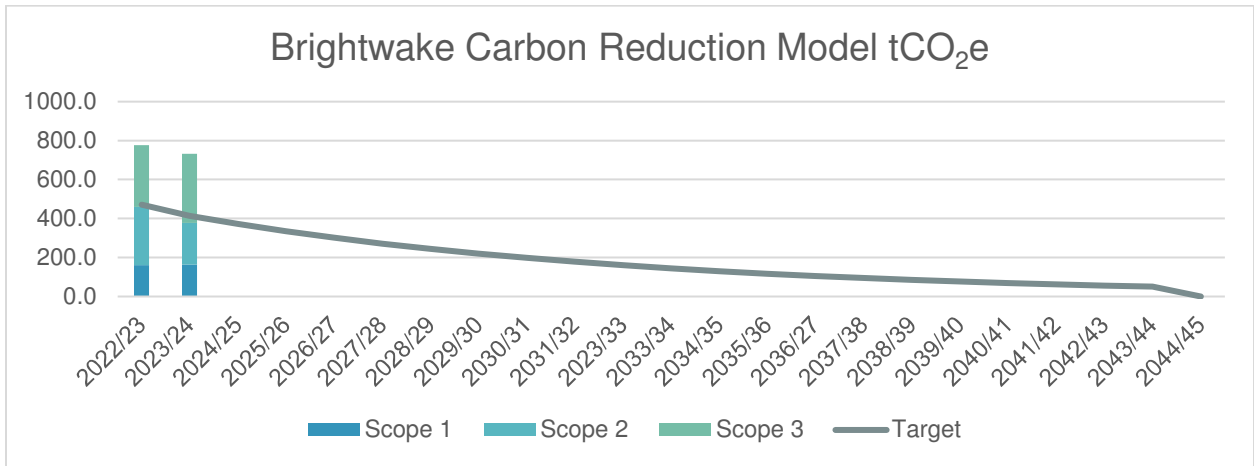
- Switched to 21% of electrical renewable energy.
- Cycle to work scheme
- Switched all office lighting to LEDs and included motion sensors to turn off when not being used.
- Implemented staff training initiatives to reduce energy usage from lighting and I.T. equipment that is unnecessary left on.

Future Carbon Reduction Initiatives

We are in the process of creating a roadmap for scope 3 emissions:

Measure	Approach
Engagement	<ul style="list-style-type: none"> • Strengthen engagement with all stakeholders. Having a collective approach should help reduce carbon – i.e. turning PC's off, switching unused lights off etc. • Strengthen engagement with suppliers to collect data on emissions and look at ways carbon emissions could be reduced – i.e. electric vehicles for distributing and importing goods etc.
Product Design	<ul style="list-style-type: none"> • Innovating responsibly to create a better future.
Packaging	<ul style="list-style-type: none"> • Liaising with packaging suppliers to ensure best materials are used efficiently.
Logistics	<ul style="list-style-type: none"> • Engagement with logistical partners on best practice for reducing emissions.

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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 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:



Stephen Cotton
 Managing Director
 6th May 2024

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Revision history

Issue	Change Request Number (CCR)	Date	Author
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2			

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards/scope-3-standard>