

Carbon Reduction Plan

Supplier Name: Hospital Metalcraft Ltd

Publication Date: 29th April 2025

Reporting Period: 1st October 2023 - 30th September 2024

Commitment to achieving Net Zero

Hospital Metalcraft Ltd 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: 2021 (1st October 2021 - 30th September 2022)	
Additional Details relating to the Baseline Emissions calculations.	
Hospital Metalcraft Ltd started monitoring its carbon emissions in October 2021. Based in the Southwest, Hospital Metalcraft is a manufacturer & distributor of Medical Furniture & Equipment, sold under the recognised Bristol Maid brand.	
A commitment was made to achieve a 50% reduction in carbon emissions from scope 1 & 2 by 2030 and to achieve net zero by 2050 in absolute terms.	
Scope 3 covers only waste streams, a downstream activity.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	789.2
Scope 2	301.7
Scope 3 (Included Sources)	23.0* *As detailed in the additional details section, baseline emissions include only waste streams, a downstream activity.
Total Emissions	1,113.9

Current Emissions Reporting

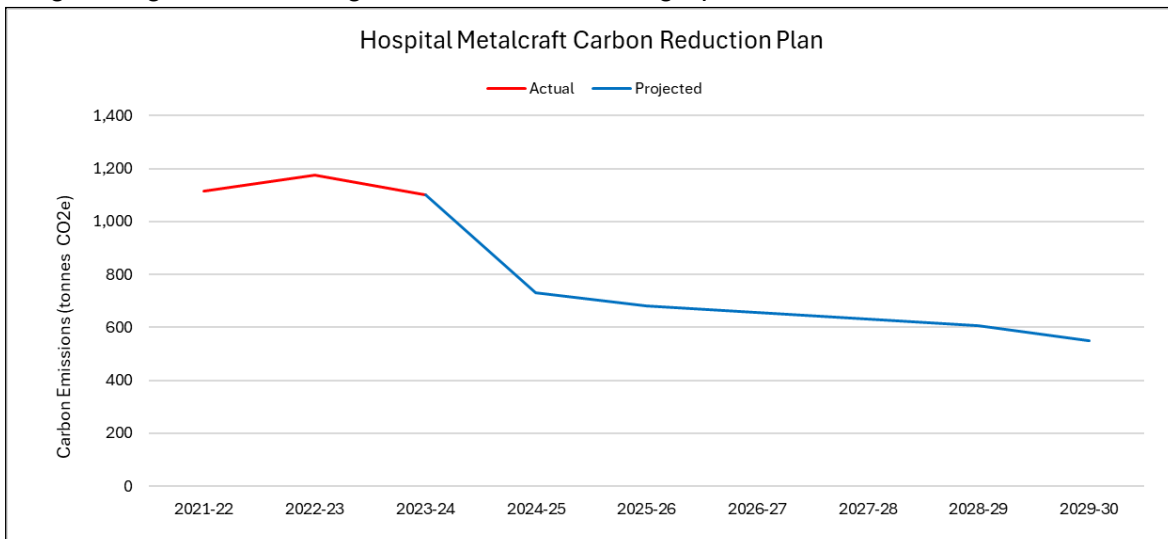
Reporting Year: 2023 (1 st October 2023 - 30 th September 2024)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	725.1
Scope 2	368.5
Scope 3 (Included Sources)	6.4* *Emissions include only waste streams, a downstream activity.
Total Emissions	1,100.0

Emissions Reduction Targets

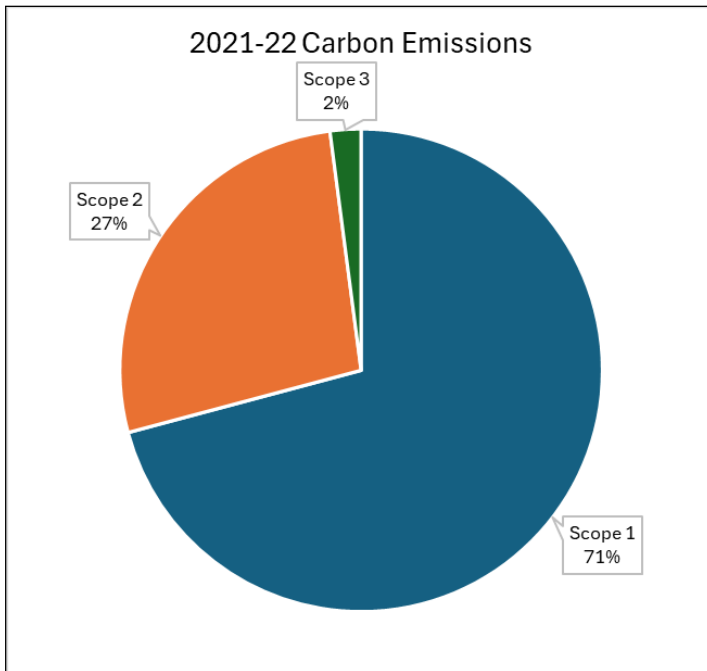
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

1. We are targeting a 50% reduction in absolute terms for our scope 1 & 2 emissions by 2030.
2. We will work to reduce carbon intensity emissions for scope 3 activities by working with our supplychain with the aim of achieving Net Zero by 2050 in absolute terms. This is likely to only be achieved with support of appropriate offset, however by continuing to focus on reducing carbon intensity measures, it is hoped that the value of offsets will be minimised on an ongoing basis beyond this timeframe.
3. We project that carbon emissions will decrease over the next five years to 550.2 tonnes CO₂e by 2030 (absolute measure) in line with our carbon reduction plan. This is a reduction of 50% from our initial report that highlighted 1,113.9 tonnes of CO₂e in 2021 and puts the company on target to achieve its goals.

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



Scope 1, 2 & 3 Carbon Contribution



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021-22 baseline. The carbon emission reduction achieved by these schemes equate to 13.9 tCO₂e, a 1.3% reduction against the 2023-24 report and the measures will be in effect when performing the contract.

It should be noted that some of the carbon reductions implemented have taken place post the 2023-24 reporting period. As such the expected saving will not be seen until the 2024-25 report has been completed.

Each year the management team review the carbon report and integrate carbon reduction plans into strategic plans. Delivery of the strategic plan is the driver for carbon reduction, which is incorporated into objectives for staff.

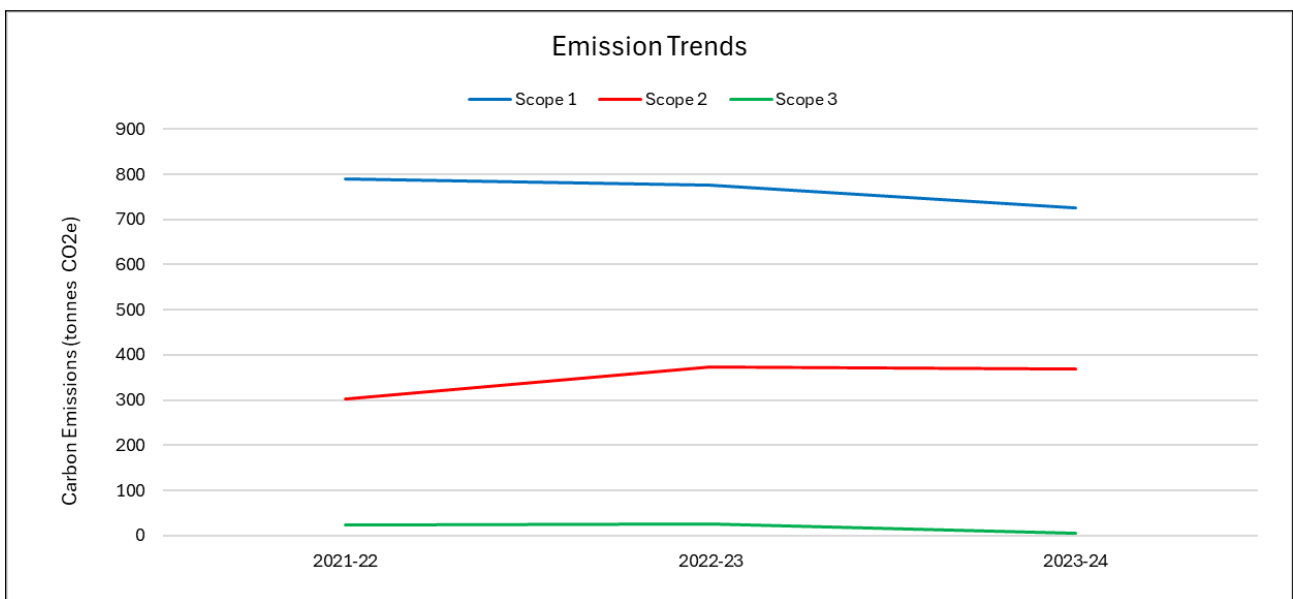
Carbon Reduction Initiatives which have been implemented to date...

1. Achieved certification to ISO 14001:2015 Environmental Management System
2. Moved to a zero-carbon tariff for electricity
3. Moved to a zero-carbon tariff for gas
4. Installation of low voltage LED lighting fitted with daylight harvesting
5. Installation of photovoltaic panels with a capacity of 295KW. Excess is exported to the national grid
6. Installation of two CNC panel benders which have a low electric consumption. These replace five ageing hydraulic press-brakes
7. Installation of two electric CNC tube bending machines. These replace two ageing hydraulic machines

8. Installation of a high efficiency pre-treatment, dry off, powder coating & curing line
9. Use of low bake paint to reduce curing temperatures
10. Installation of high efficiency blown air heaters, replacing ageing inefficient radiant heaters
11. Installation of sensors on woodwork machines to detect extraction requirements, sending instructions to variable frequency drives & dampers for airflow & pressure optimisation, reducing electrical consumption. This also results in reduced air volumes being extracted, resulting in savings in gas during the colder months
12. Move from hybrid to PHEV cars for the external sales team

In the future we hope to implement further measures, such as...

1. Adoption of battery electric vehicles (BEV's) where practically allows
2. Continued investment in low energy equipment and technology
3. Increased use of video and online collaborative technology to reduce business travel
4. Continued grid reduction for the supply of electricity and gas
5. Consideration of carbon offset schemes where applicable



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:



Stuart Davis

Managing Director

Date: 7th May 2025

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>