

Winncare Carbon Reduction Plan

Supplier name: Mangar International Ltd

Publication date: 01/07/2024

Commitment to achieving Net Zero

Mangar International Ltd. is committed to achieving Net Zero emissions by 2030, to match the NHS Wales target. We are currently working to develop a full implementation plan to enable us to reach this target and the set milestones.

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: April 2020 – April 2021	
Additional Details relating to the Baseline Emissions calculations.	
<p>Mangar International Ltd. began collecting emissions data in April 2020. Our baseline emissions data includes Scope 1, 2 and 3.</p> <p>Within Scope 3, we have included all 5 required categories: Transportation and distribution (upstream); Transportation and distribution (downstream); Waste generated in operations; Business travel; Employee commuting, and in addition the following 5 categories: Purchased goods and services; Fuel- and energy-related activities; Leased assets (upstream); Leased assets (downstream); Use of sold products.</p> <p>We will base calculations on actual data as far as possible rather than average data methods to ensure we have a more accurate calculation.</p>	
Baseline year emissions: April 2020 – April 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	76
Scope 2	28



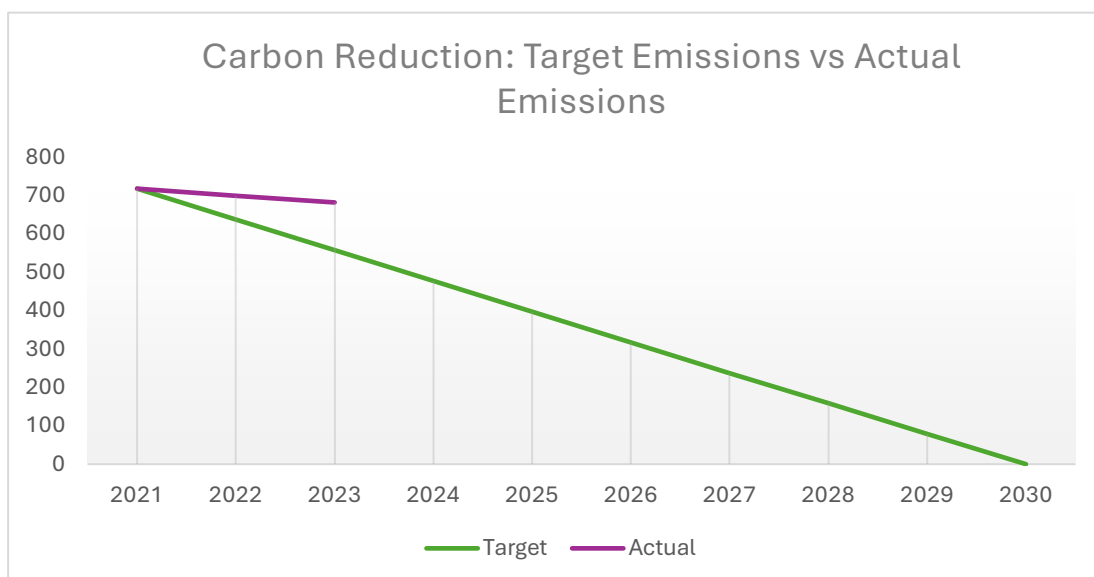
Scope 3 (Included Sources)	613
Total Emissions	718

Current Emissions Reporting

Reporting Year: April 2022 – April 2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	122
Scope 2	33
Scope 3 (Included Sources)	526
Total Emissions	682

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction interim targets. As we gain a greater understanding of our emission sources and put new



mechanisms in place to capture additional data, we will continue to review our interim targets on an ongoing basis.

Carbon Reduction Projects

Completed carbon reduction initiatives:

The following environmental management measures and projects have been completed or implemented since the 2020 baseline.

- Mangar International Ltd. operate a BS8555 Environmental Management System externally audited by a UKAS accredited Inspection Service.
 - In May 2023, Mangar International achieved B Corp status.
 - Set up an Environmental Working Group with staff across the sites who meet regularly to discuss ongoing and new improvements.
 - Mangar International have partnered with Radnorshire Wildlife Trust as Corporate Members in June 2023.
 - Implemented biodiversity projects including a wildflower meadow on site, swift nesting boxes, bee hotels, and composting facilities for grass cuttings. We have also planted fruit trees and flower tubs for pollinators.
 - Promoted car sharing amongst to reduce emissions by private commuting.
 - Continued to replace lighting throughout the sites to LED bulbs.
 - Achieved reduction of gas use on site by 9% from 2022 to 2023.
 - Achieved reduction electricity use on site by 8% from 2022 to 2023.
 - Reduced weight of our weekly waste collections by 25% from 2022 to 2023 by working with suppliers and reviewing internal processes.
 - Reducing water use on site by 61% from 2022 to 2023 through staff awareness and maintenance processes.
 - Introduced Preferred Purchasing Policy in 2023.
 - Communicated with suppliers on our sustainability goals encouraging good practice.
 - Introduced new cleaning product supplier across sites with reusable and refillable products.
 - We've extended our waste management system with additional segregation.
 - We are reducing single plastic in our products and have started 100% recycled plastic bags in our bathing cushion and swift product lines.
 - The company now offer electric vehicles as a company vehicle choice.
 - Invested in double glazing for some site buildings.
 - Project Product Life cycle assessment cradle to customer for two products.

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

- Review options for greener energy contracts on site.
- Increase use of hybrid/electric vehicles.
- Reduce electric consumption by continuing to replace lighting to LED bulbs across the site.



- Reduce gas consumption by review of our heating controls and with building maintenance.
- Working towards ISO14001 Environmental certification of our processes and aim to achieve this in August 2024.
- Working with suppliers to reduce plastic in packaging.
- Continued replacement lighting to LED lighting.
- Partner with local Wildlife Trust volunteering with meadow planning.
- Product Carbon Footprint analysis for all the product ranges.
- Eco design process – improve life span and recyclability of our products.
- Further engage with suppliers to improve sustainability in the supply chain.

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:



Jane Owens, SHEQ Manager

Date: 01/07/2024

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>