



AW
SHIP MANAGEMENT

Carbon Reduction Plan

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Version Number	02	Version Date	09/01/2024



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2. References

This document refers to the following:

- Cabinet Office Procurement Policy Note (PPN) 06/21
- Cabinet Office Guidance on adopting and applying the PPN 06/21
- UK Government GHG Conversion Factors for Company Reporting, Version 2.0, 2021

3. Introduction

3.1. Aims and Objectives

3.1.1. This Carbon Reduction Plan is intended to provide assurance to existing and potential UK Government clients of the Company's commitment to the UK's target of Net Zero carbon emissions by 2050.

3.1.2. The plan shall include a baseline carbon 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.

3.1.3. The scope of the data collection extends only to emissions produced by AWSM in the course of its business. It does not extend to consider emissions produced by 3rd party owned vessels. In general, the scope is:

- London office;
- Lowestoft office (excluding Cefas van mileage);
- Barrow office;
- Emissions generated from owned vessels;
- Staff travel for commuting and business purposes.

3.2. Commitment to Achieving Net Zero

AW Ship Management Ltd (AWSM) is committed to achieving Net Zero emissions by 2050.



Paul Trudgeon
Managing Director

4. Baseline Emissions Footprint

- 4.1. 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: 2022	
Additional Details relating to the Baseline Emissions calculations.	
This baseline emissions footprint is based on data for the period January – December 2022. This period was chosen as the first full year without significant Covid-19 restrictions, which allowed for more company travel and associated emissions to a level expected.	
Baseline Year Emissions	
EMISSIONS	TOTAL (kgCO₂e)
Scope 1 Direct Emissions	5,520,453
Scope 2 Indirect Energy Use (Leased Offices)	123,062
Scope 3 Indirect Emissions	45,444
Less offsetting measures	NIL
Total Emissions	5,688,958

5. Current Emissions Reporting

5.1. The current emissions reporting is below:

Reporting Year: 2023 (Jan-Dec)	
EMISSIONS	TOTAL (kgCO ₂ e)
Scope 1 Direct Emissions	1,564,587
Scope 2 Indirect Energy Use (Leased Offices)	126,868
Scope 3 Indirect Emissions	39,168
Less offsetting measures	-6,000
Total Emissions	1,724,624

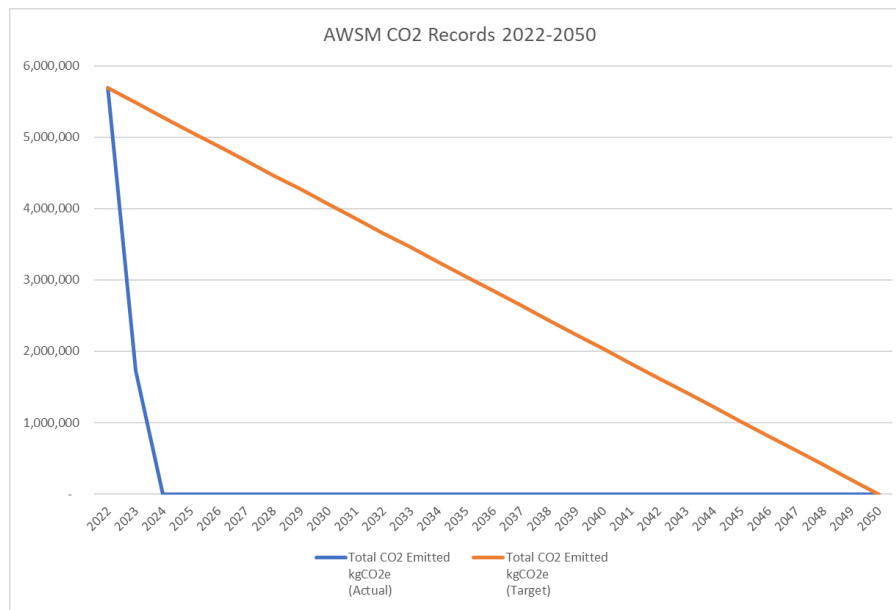
6. Emissions Reduction Targets

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

- Where the company has the ability to do so, ensure that office light fittings are replaced with LED sealed units on a fail and replace basis.
- Encourage car sharing or rail for business travel where appropriate.

6.2. We project that carbon emissions will decrease over the next five years to 48,000 kgCO₂e by 2027, a reduction of 99%.

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



7. Carbon Reduction Projects

- 7.1. The following carbon environmental measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes are estimated to equate to 3,968,101 kgCO₂e a 69%age reduction against the 2022 baseline and the measures will be in effect when performing works where a Carbon Reduction plan is a requirement.
- MV Helena was sold in April 2023. The vessel performed 7 voyages in 2023 prior to sale for a total of 1,564,587 kgCO₂e, a reduction of 3,955,866 kgCO₂e on 2022.
 - A donation of used IT equipment to the Turing Trust in 2023 was estimated by the Trust to have saved 6,000 kgCO₂e.

8. Declaration and Sign Off

- 8.1. This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.
- 8.2. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.
- 8.3. 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.
- 8.4. This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).