



Carbon

Reduction Plan 2024

Commitment to Achieving Net Zero

Sentinel Marine is committed to achieving Net Zero emissions by 2050.

Emission Reporting

Baseline Emission Footprint

Baseline Year: 2023

Our baseline emissions year includes all measurable Scope 1,2 and 3 emissions for Sentinel Marine Ltd. Scope 3 emissions include Corporate Travel and Commuting.

Emissions	Total tCO₂e
Scope 1	395
Scope 2	8
Scope 3	74
Total Emissions	477

Current Emission Reporting

Reporting Year: January – December 2023

Our baseline emissions year includes all measurable Scope 1,2 and 3 emissions for Sentinel Marine Ltd. Scope 3 emissions include Corporate Travel and Commuting.

Emissions	Total tCO₂e
Scope 1	395
Scope 2	8
Scope 3	74
Total Emissions	477

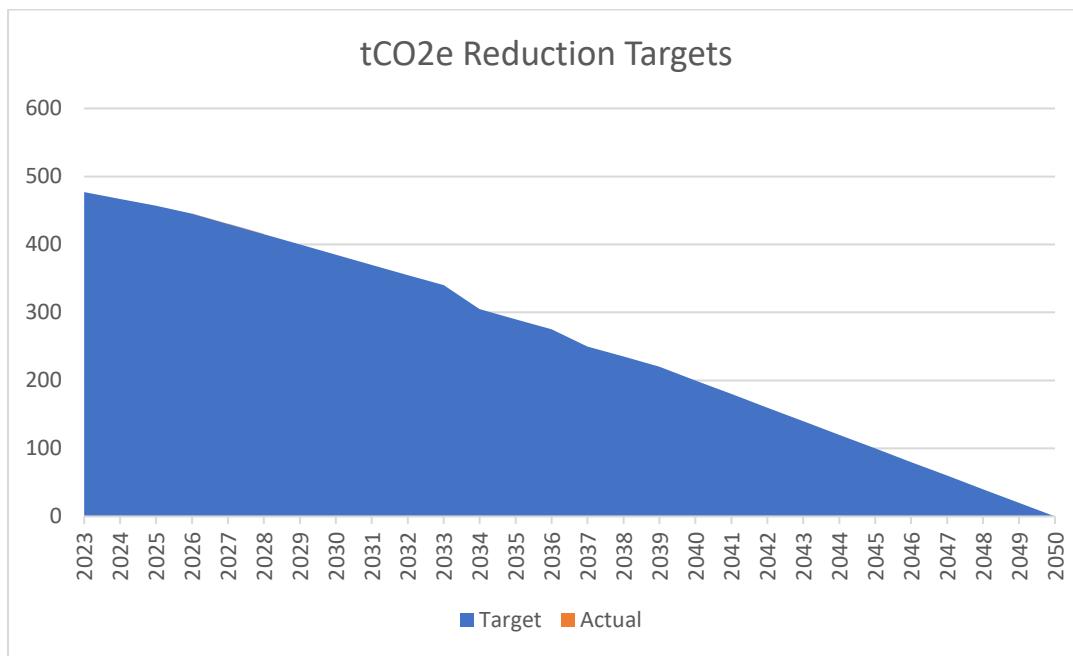


Emission Reduction Targets

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 415 tCO2e by 2028. This is a reduction of 13%

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed as of, or started during 2024:

- The implementation of ISO 14001 Environmental Management accreditation across the business.
- Inventory of Hazardous Materials certification across all fleet vessels. The standard ensures sustainability and recycling of the vessel at the end of its lifespan.
- All vessels in Sentinel's fleet have a class approved Shipboard Energy Efficiency Plan (SEEMP) to provide Master's with best onboard energy management practices.



- The company has developed an in-house energy efficiency program that provides additional value to our clients and other stakeholders. The system captures detailed weather and operational information to identify opportunities for improvement and the setting of appropriate KPIs for the vessel's Master to implement onboard. The current Energy Efficiency KPI is set to 90%
- The organisation has appointed an Environmental Officer onboard each vessel to drive continuous improvement and champion sustainability matters.
- To reduce Scope 3 emissions Sentinel Marine have implemented a cycle to work scheme, hybrid working arrangements and we have encouraged staff to utilise more energy efficient vehicles for commuting.
- The company has commissioned an academic study on the viability of alternative fuels onboard our vessels to reduce overall CO2 emissions. The study concluded that Biofuels were the most feasible carbon reduction option in the medium term.
- The company have made it commitments clear by incorporating an Environmental and Social Governance Policy within our Integrated Management System.
- We have commenced a programme within 2024 to replace all fluorescent lights, of which the fleet currently has over 4000 with more energy efficient LED lighting. This initiative will be completed within 5 years.
- The company has planned for a 30% reduction in printed documents within the year due to utilising new fleet management software that replaces traditional paper solutions.
- Members of the Sentinel Marine management team are part of the International Support Vessel Owners Association workgroup for Behavioural Based Decarbonisation Initiatives and help drive the direction of behaviours for the industry.
- The company continues to be transparent in its communication and reporting protocols with respect to carbon reduction matters by attending regular industry forums and driving internal environmental themes such as the upcoming Single Plastics review project within 2024.

Planned Carbon Reduction Initiatives

Over the next five years we plan to implement further measures which will continue to drive down emissions. We are considering several initiatives and those listed below are some examples of areas we are discussing or are in the planning stages for:

- The delivery of newly constructed vessels that leverage the latest advancements in technology to enhance vessel efficiency.
- The deployment of hybrid daughter craft designed to minimize the carbon footprint during small craft operations.
- The retrofitting of existing vessels to Tier 3 engine standards to significantly reduce overall emissions.
- Investment in enhanced maintenance regimes to reduce vessel downtime and subsequently scope 1 emissions.



Declaration

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 standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of Sentinel Marine Ltd:

Rory Deans

Rory Deans – Sentinel Marine CEO

Date: 07.06.2024