



# Carbon Reduction Plan

Supplier name: Marine Specialised Technology Limited  
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Publication date: 11<sup>th</sup> November 2024  
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## Commitment to achieving Net Zero

Marine Specialised Technology (MST) Limited is committed to achieving Net Zero emissions by 2050. Our commitment is that by 2050, we will reduce our Scope 1, Scope 2 and Scope 3<sup>1</sup> emissions by 90% or to a residual level that is consistent with reaching Net Zero emissions and limiting global warming to 1.5 degrees Celsius. We will then neutralise any residual emissions through recognised carbon offsetting schemes.

## Baseline Emissions Footprint

The data presented below provided an overview of MST Limited’s associated Scope 1, Scope 2 and Scope 3 emissions as per PPN 06/21 Carbon Reduction Plans. MST Limited will use this data as a reference point against which emissions reduction can be measured.

**Baseline Year: 1<sup>st</sup> October 2023 – 30<sup>th</sup> September 2024**

### **Additional Details relating to the Baseline Emissions calculations.**

This is the first year MST Limited has developed a baseline greenhouse gas inventory to assess and report on carbon emissions. The baseline greenhouse gas inventory has been calculated following Greenhouse Gas Protocol methodology from both the Corporate Standard and Scope 3 Standard.

Emissions include:

- Scope 1: direct emissions from sources directly owned or controlled by MST Limited.
- Scope 2: indirect emissions from generation of purchased energy from our Bromborough site.
- Scope 3: indirect emissions because of MST Limited operations but are not owned or controlled.
  - Upstream Transportation and Distribution includes emissions associated with the transportation from tier 1 suppliers to the Bromborough site.
  - Waste Generated in Operations includes the disposal of waste generated from our operations at the Bromborough site.

<sup>1</sup> Subset Scope 3 categories that are mandated as per PPN 06/21.



- Business Travel includes emissions associated with travel that has happened in vehicles not owned or controlled by the company.
- Employee Commuting emissions calculations have been estimated using UK averages.
- Downstream Transportation and Distribution includes the emissions from the transport of sold products to customers within the baseline year. This category includes emissions from transport from a third-party and not in vehicles owned or controlled by MST Limited.

**Baseline year emissions:**

EMISSIONS		TOTAL (tCO <sub>2</sub> e)
Scope 1	Combustion (owned sources)	69.24
	Commercial Fleet	18.17
	Fugitive Emissions	4.18
<b>Total Scope 1 Emissions</b>		<b>91.59</b>
Scope 2	Purchased Electricity	48.26
<b>Total Scope 2 Emissions</b>		<b>48.26</b>
Scope 3	Upstream Transportation and Distribution	2,003.54
	Waste Generated in Operations	43.89
	Business Travel	35.02
	Employee Commuting	70.4
	Downstream Transportation and Distribution	7.66
<b>Total Scope 3 Emissions</b>		<b>2,160.51</b>



## Current Emissions Reporting

This is the first year MST Limited will be reporting on greenhouse gas emissions. The baseline year is from the last complete financial year (1<sup>st</sup> October 2023 – 30<sup>th</sup> September 2024), therefore include the most recent emissions.

MST Limited will be reporting progress against the 2023/24 baseline year on an annual basis.

## Emissions reduction targets

To continue MST Limited's progress to achieving Net Zero, the following carbon reduction targets have been adopted:

- Near term target: Commitment to reduce Scope 1 and Scope 2 emissions 42% by 2030 from a 2023/24 base year.
- Near term target: Commitment to reduce Scope 3 emissions 25% by 2030 from a 2023/24 base year.
- Long term target: At least a 90% reduction in overall emissions (scope 1, scope 2 and scope 3<sup>2</sup>) before achieving net zero by 2050 from a 2023/24 base year.

To achieve these, MST Limited project that Scope 1 and Scope 2 emissions will decrease by 58.74 tCO<sub>2</sub>e by 2030. This is a reduction of 42%.

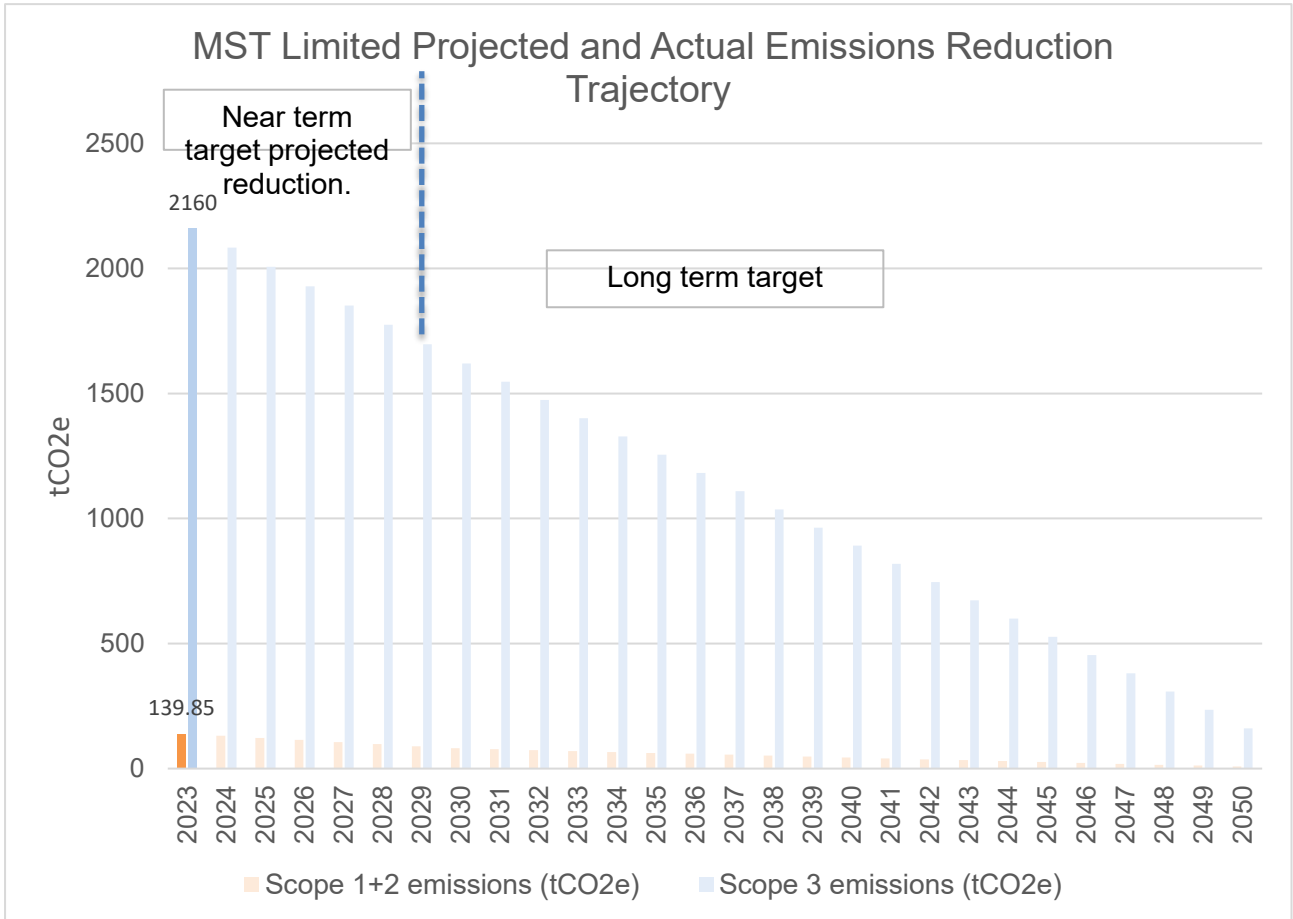
And project that Scope 3 emissions will decrease by 540 tCO<sub>2</sub>e by 2030. This is a reduction of 25%.

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<sup>2</sup> Scope 3 emissions include emissions as per PPN 06/21, Upstream Transportation and Distribution, Waste Generated in Operations, Business Travel, Employee Commuting and Downstream Transportation and Distribution



Projected emissions reductions based on Net Zero targets can be seen in the graph below. Progress and actual emissions will be reported annually and presented alongside the projected emissions.



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

#### Reuse of Wood

During the last financial year (2023/24), MST Limited avoided recycling and disposing of 18,300kg of wood, by offering for re-use through a local builder's merchant. This meant 0.11 tCO<sub>2</sub>e has been avoided.

#### Onsite Renewable Energy

MST Limited's Bromborough site has onsite renewable energy (PV solar panels). This allows MST Limited to supply renewable energy back to the UK grid. Last financial year (2023/24) 29,458.4 kWh as supplied back to the UK grid.



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

- **Reduce Scope 1 and 2 Emissions**
  - Improve energy efficiency of our building.
  - Reduce the amount of fossil fuels we use on site and look at alternative fuels to further reduce emissions.
  - Reduce the amount of fossil fuels we use on site by looking at lower-carbon alternatives for the plant and equipment we own and use.
  - Where we purchase electricity from the grid, we will look to purchase 100% renewable energy only.
  - Increase amount of onsite renewable energy (PV solar panels).
- **Green our Fleet Vehicles**
  - We will look to reduce the emissions associated with our commercial fleet by looking at switching to alternative Electric Vehicles for example.
- **Transport and Distribution and Supply Chain**
  - We will work with our suppliers to reduce the emissions associated with our upstream and downstream logistics. We will look at developing a Logistics Transformation Programme that will consider the various locations of our suppliers and customers, and the mode of transports used.
- **Improve Waste Management at our Site**
  - Centralise our waste management.
  - Implement and embed the Waste Management Hierarchy.
  - Implement waste targets.
- **Emissions Data Management**
  - Improve the accuracy of our data and implement data management processes to be able to monitor progress against our targets.
  - Develop internal framework to support data management.



## 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 standard<sup>13</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>14</sup>.

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<sup>15</sup>.

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:

A handwritten signature in blue ink, appearing to read 'B W P Kerfoot'.

**Mr B W P Kerfoot – Managing Director**

Date: 11<sup>th</sup> November 2024

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<sup>13</sup> <https://ghgprotocol.org/corporate-standard>

<sup>14</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>15</sup> <https://ghgprotocol.org/standards/scope-3-standard>