



# Cabinet Office

## CARBON REDUCTION PLAN GUIDANCE

### Notes for Completion

Where an In-Scope Organisation has determined that the measure applies to the procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding supplier<sup>1</sup> and must meet the reporting requirements set out in supporting guidance, and include the supplier's current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The CRP should be specific to the bidding entity, or, provided certain criteria are met, may cover the bidding entity and its parent organisation. In order to ensure the CRP remains relevant, a Carbon Reduction Plan covering the bidding entity and its parent organisation is only permissible where the detailed requirements of the CRP are met in full, as set out in the Technical Standard<sup>2</sup> and Guidance<sup>3</sup>, and all of the following criteria are met:

- The bidding entity is wholly owned by the parent;
- The commitment to achieving net zero by 2050 for UK operations is set out in the CRP for the parent and is supported and adopted by the bidding entity, demonstrated by the inclusion in the CRP of a statement that this will apply to the bidding entity;
- The environmental measures set out are stated to be able to be applied by the bidding entity when performing the relevant contract; and
- The CRP is published on the bidding entity's website.

Bidding entities must take steps to ensure they have their own CRP as soon as reasonably practicable and should note that the ability to rely on a parent organisation's Carbon Reduction Plan may only be a temporary measure under this selection criterion.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier's UK website. It should be approved by a director (or equivalent senior leadership) within the supplier's organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.

A template for the Carbon Reduction Plan is set out below. Please complete and publish your Carbon Reduction Plan in accordance with the reporting standard published alongside this PPN.

<sup>1</sup>Bidding supplier or 'bidding entity' means the organisation with whom the contracting authority will enter into a contract if it is successful.

<sup>2</sup>Technical Standard can be found at:

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/991625/PPN\\_0621\\_Technical\\_standard\\_for\\_the\\_Completion\\_of\\_Carbon\\_Reduction\\_Plans\\_\\_2\\_.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991625/PPN_0621_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans__2_.pdf)

<sup>3</sup>Guidance can be found at:

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/991623/Guidance\\_on\\_adopting\\_and\\_applying\\_PPN\\_06\\_21\\_\\_Selection\\_Criteria\\_\\_3\\_.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991623/Guidance_on_adopting_and_applying_PPN_06_21__Selection_Criteria__3_.pdf)

# Carbon Reduction Plan Template

Supplier name: MSN Laboratories Private Limited (MSN Group) ...

Publication date: .....25.11.2025.....

## Commitment to achieving Net Zero

[MSN Laboratories Private Limited (MSN Group)] is committed to achieving Net Zero emissions by 2045.

## 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.

*[Instructions to Suppliers:*

*Please provide details of your organisation's baseline emissions below. If your organisation has not previously assessed or reported emissions, please detail this below and use your first reporting period as your Baseline.]*

**Baseline Year: 2024-25 (We have changed our base year as we have expanded the boundary to MSN group. The calculations are aligned to SBTi as we are committed to SBTi).**

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

*[Instructions to Suppliers:*

*Add commentary regarding your Baseline Emissions as required: e.g. historic baseline which deviates from the requirements under this measure (e.g. no prior Scope 3 emissions reporting), where there is no previous reporting and the creation of a new baseline due to substantial organisational change or restructuring]*

**Baseline year emissions: 2024-25 (We have changed our base year as we have expanded the boundary to MSN group. The calculations are aligned to SBTi as we are committed to SBTi).**

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	130742.68
Scope 2	172631.37
Scope 3 (Included Sources)	216896.71 (Scope 3 emissions targeting base line year is 2024-25).
Total Emissions	520270.76

## Current Emissions Reporting

**Reporting Year: 2024-25**

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	130742.68
Scope 2	172631.37
Scope 3 (Included Sources)	216896.71 (Scope 3 emissions targeting base line year is 2024-25).
Total Emissions	520270.76



## Emissions reduction targets

*[Instructions to Suppliers:*

*If existing emissions reduction targets are in place for your organisation, please provide details below.*

- As a part of sustainable initiative, promoting Clean Energy utilization in our operations, already installed 1.5 MV 3 Nos Solar Power Plants in our units.
- Achieved Zero Land fill waste >70% by 2025.
- Air Handling Units frequency (in Hertz) reduced 50 to 35 to reduce power consumption.
- We initiated several initiatives aimed at optimizing energy use across our facilities. These interventions not only improved energy efficiency and reduced operational costs but also strengthened our commitment to sustainable operations and reducing our environmental footprint.

Variable Frequency Drives (VFDs) were installed on pumps and utility systems, enabling energy-efficient operation without impacting performance.

- Power consumption reduced through installation of VFDs and Pressure transmitters to hot water circulation & Multiple Effect Evaporation (ZLD system) pumps.
- Installed Nature Switch Controller for all plant street lights on/off buttons.
- Installed motion sensors in AHU rooms MCC rooms, power houses etc.

*If you have no previous emissions reduction commitment, or if this is your organisation's first carbon footprint, please provide targets for your organisation]*

In order to continue our progress to achieving Net Zero, we have adopted the following Carbon Reduction Plans (Targets).

- Initiate tracking GHG emissions by 2025
- Establish Scope 3 GHG emissions inventory by 2024
- Reduce supply chain GHG emissions by 2030. Target % on reduction shall be disclosed after completion of Decarbonization strategy.
- Establish Scope 3 GHG emissions inventory and Decarbonization strategy by 2025 (to support SBTi Commitment). We plan to begin implementing the decarbonization strategy for scope 1,2 and 3 before the end of the next financial year.

We have committed to the SBTi, ensuring our emissions reduction targets are aligned with climate science and best practices. Planned to establish SBTi targets and verification (by SBTi) by Dec 2026.

From: <commitment@sbti.services.com>  
Date: Wed, Dec 4, 2024 at 11:15 AM  
Subject: MSN's commitment approval with SBTi Services  
To: Nagamalleswara Rao <malleswararao.sandepudi@menlabs.com>

Hi Nagamalleswara,

Congratulations! MSN's Net Zero Commitment with SBTi Services is now approved. This will be published on our [Target Dashboard](#) on 12-05-2024.

Login to the Validation Portal to learn more about communicating your commitment, review our resources, or proceed to set a target.

Please take a moment to review our [Commitment Compliance Policy](#), which outlines the key requirements and timelines for maintaining your commitment. Adhering to this policy is essential to ensure your continued progress toward setting your science-based targets.

If you have any questions, please contact us at [commitment@sbti.services.com](mailto:commitment@sbti.services.com).

Thank you.

SBTi Services Team

**SBTi**  
SERVICES

SBTi Services Limited  
[sbti.services.com](https://sbti.services.com)

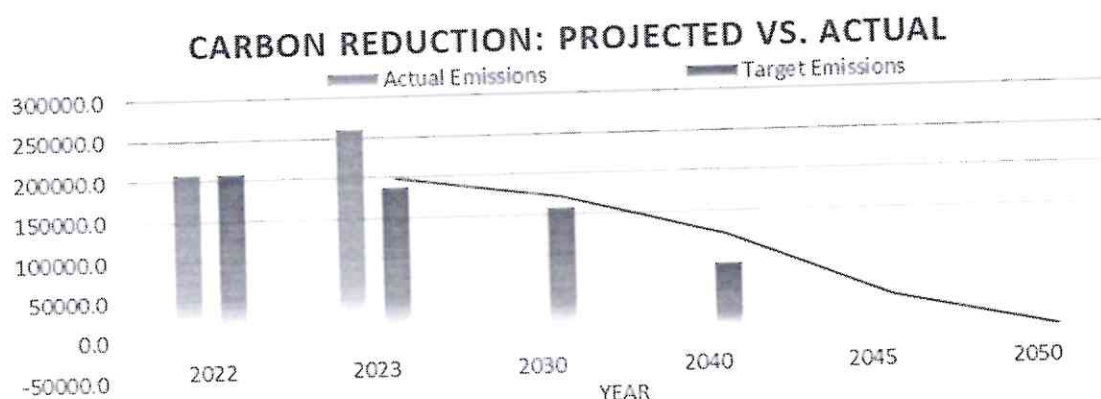
- 25% of total power consumption through renewable by 2030.

The transition is already underway. Three onsite solar plants with a combined capacity of 1.5 MW are in operation, supplying 3% of our current electricity demand. Building on this foundation, MSN is moving into the next phase with more than 50 MW of solar capacity to be developed through joint ventures. Unlike a conventional power purchase agreement, MSN is committing upfront capital to these projects. This approach increases our financial exposure but underscores our resolve to secure long-term, competitively priced clean power. Target to start solar energy into our plants from JVs by 2027.

- Continuously progress towards higher energy efficiency.
- Reduce Scope 1 and 2 emissions 25% by 2030.
- Undertake Lifecycle assessment for at least two products by 2025.
- Zero Waste Disposal to Landfill by 2026.

We project that carbon emissions will decrease over the next five years to **227530.53 tCO<sub>2</sub>e** by 2030 (Scope 1 & 2). This is a reduction of **25%**. MSN group is developing decarbonisation strategy to achieve above Carbon Reduction Plans and committing to SBTi in the year 2024 to achieve Net Zero Target by 2045.

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 or implemented since the 2024-25 baseline. The carbon emission reduction shall be achieved by these schemes shall be equate to 227530.53 (Scope 1 & 2) tCO<sub>2</sub>e, a 25%ge reduction by 2030 against the 2025 baseline and the measures will be in effect when performing the contract

*[Instructions to Suppliers:*

*Briefly provide details of some of your completed carbon reduction projects. This is for information only.*

*This may include environmental management measures such as certification schemes like ISO14001 or PAS 2060, signing up to SBTi or specific measures you have taken such as; the adoption of LED/PIR lighting controls, changes to policy resulting in a reduction in company travel and flights or the electrification of the company fleet.]*



- MSN Group Certified with ISO 14001 (Environmental Management System) and ISO 45001 (Occupational Health & Management System).
- Committed to Setting up SBTi & Establish SBTi targets and verification (by SBTi) by Dec 2026.
- CDP Climate disclosure submitted for the year 2025. Our CDP score for the year 2024 is "C"
- Committed to procure LED lights and replacing existing CFL lights with LED lights in all our units (till date replaced 60% with LED lights) to reduce energy consumption.

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

*[Instructions to Suppliers:*

*Briefly provide details of some of any likely/proposed future carbon reduction projects. This is for information only.]*

- Planned to certify our key facilities with ISO 50001 (Energy Management Systems).
- Proposed to install Energy efficient cooling towers in new projects to reduce energy consumption.
- Introducing the mixing of additives in compressor oil for reduction of Noise and reduce the power consumption in Chillers.

## 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>4</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>5</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>6</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:**

.....  
(P. Ramanathan)

Date: 25.11.2025

<sup>4</sup><https://ghgprotocol.org/corporate-standard>

<sup>5</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>6</sup><https://ghgprotocol.org/standards/scope-3-standard>