Carbon Reduction Plan

MD Group

Carbon Reduction Plan

Organisation name: ***MD Group***

Carbon Reduction Targets & Commitments

As a supplier to the UK Government, MD Group has aligned its long-term reduction targets with the PPN 06/21 Net Zero target - https://www.gov.uk/government/publications/procurement-policy-note-0621-taking-account-of-carbon-reduction-plans-in-the-procurement-of-major-government-contracts. These targets are as follows:

- 42% emissions reduction by 2030
- 71.4% emissions reduction by 2040
- 100% emissions reduction by 2050

In 2019 the UK Government amended the Climate Change Act 2008 by introducing a target of at least a 100% reduction of greenhouse gas emissions (compared to 1990 levels) in the UK by 2050. These targets meet the UK's commitment to Net Zero by 2050.

Baseline Emissions Footprint

Baseline Year: 01/12/2022 - 30/11/2023
Additional Details relating to the Baseline Emissions calculations
The 2022-23 one year time period has been defined as the baseline year. The year does not have any activities which would make it abnormal typical operations. There was no organisation footprint measurement prior to this year. As well as Scope 1 and 2, the following Scope 3 categories have been assessed in alignment with the UK government's Procurement Policy Note 06/21. • Waste generated in operations • Business travel • Employee commuting The following categories are required as part of PPN 06/21 but were deemed to not be relevant to MD Group's activities and have therefore not been reported. • Upstream transportation and distribution • Downstream transportation and distribution
Baseline year emissions:

Emissions Scope:	**Total (tCO_2e)**
Scope 1	**1,277.44**
Scope 2	**17.77**
Scope 3	**131.72**
Total Emissions	**1426.93**

Current Emissions Reporting

Latest Reporting Year: 01/12/2022 - 30/11/2023	
Emissions Scope:	**Total (tCO_2e)**
Scope 1	**1,277.44**
Scope 2	**17.77**
Scope 3	**131.72**
Total Emissions	**1426.93**

Carbon Reduction Projects

The following emission reduction measures and projects have been completed or implemented since the stated baseline period:

Not applicable due to this assessment being the baseline year.

In the future the organisation intends to implement further measures such as:

1. Switching to a hybrid or EV fleet for company vans and any other vehicles
2. Switching to a green energy tariff at relevant facilities

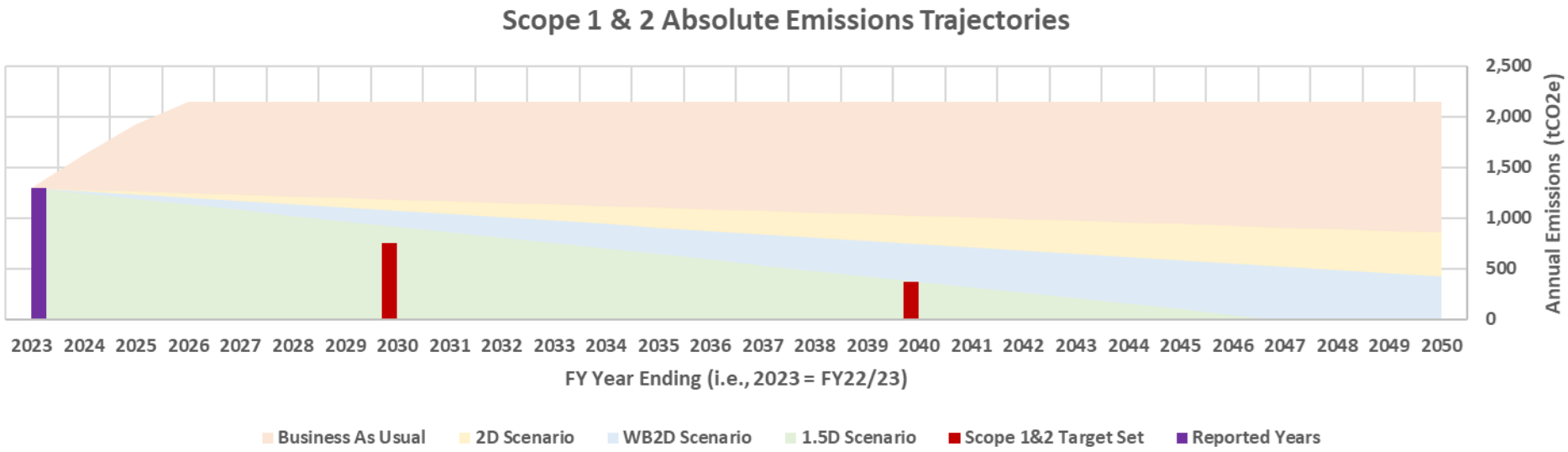
Projects recommended from a recent ESOS Energy Audit Report also included

- Low rolling resistance tyres on the vehicle fleet
- A driver efficiency league

Carbon Reduction Target Pathway

A Carbon Reduction Pathway has been developed for MD Group's Scope 1&2 emissions, incorporating the following aspects:

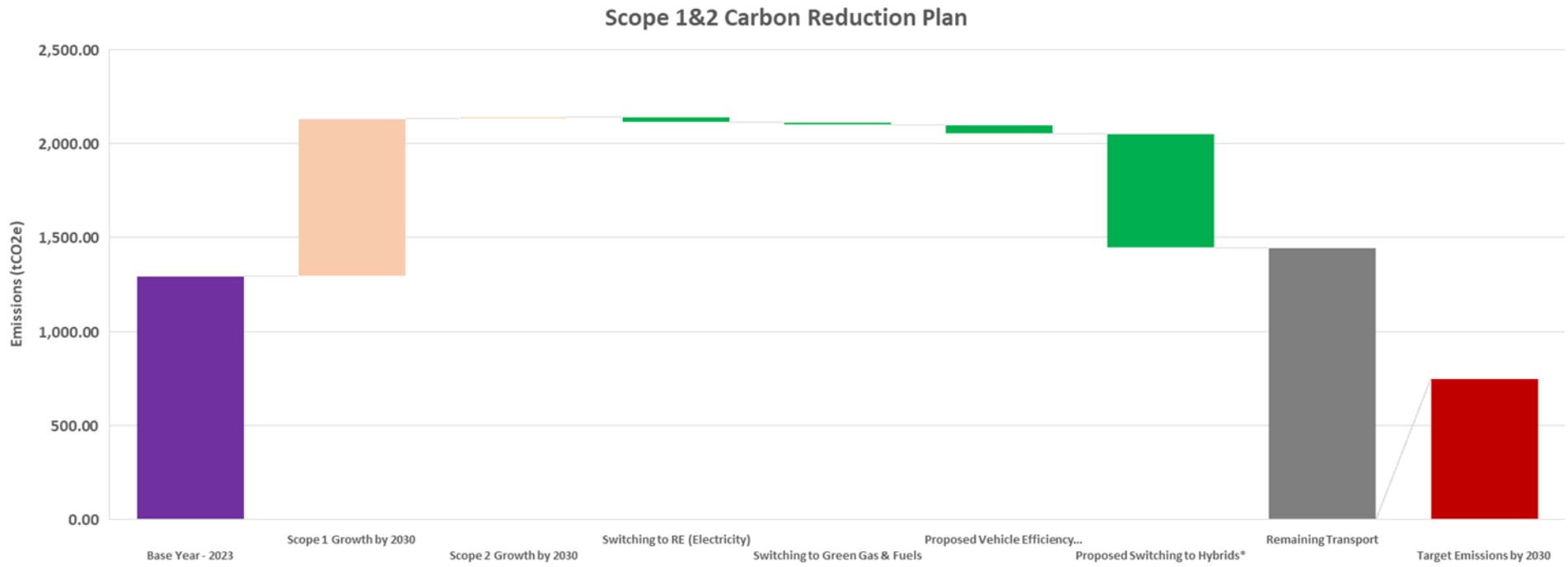
- Base Year – 2022-23 (Financial Year)
  - Scope 1 emissions = 1,277.44 tCO_2e
  - Scope 2 emissions = 17.77 tCO_2e
- Forecasted Growth – 65.4% growth (revenue) expected by 2026 vs. Base Year
- Statement of Ambition – aligned to PPN 06/21's Net Zero target
  - 42% emissions reduction (absolute) by 2030
  - 71.4% emissions reduction (absolute) by 2040
  - 100% emissions reduction (absolute) by 2050



A similar trajectory of absolute emissions covering MD Group's Scope 3 carbon footprint will be developed and included within the Carbon Reduction Plan in the future.

Carbon Reduction Roadmap

Following on from the Carbon Reduction Pathway, a Carbon Reduction Roadmap has also been developed for Scope 1&2, to better understand and prioritise the carbon reduction initiatives and projects required to meet MD Group's target reduction commitments.



1. For the purpose of the proposed 2030 target, **an interim assumption of a transition to hybrids** has been made as current EV vans do not meet the mileage requirements of MD Group. This has been estimated based on the information from the ESOS Energy Audit Report (May 2024), by taking the midpoint between internal combustion engine and pure EVs. This has been estimated to have a savings of **606.15 tCO_2e.**

2. Based on the identified carbon reductions to date, it is shown further reductions will be needed within the company vehicles emissions category beyond the above suggestions, as these reductions alone are not sufficient to meet the proposed 2030 reduction target. It is estimated that **695 tCO_2e in further reductions are required to meet the 2030 target.**

A similar Carbon Reduction Roadmap covering MD Group's other target years (2040, 2050), as well as to cover its Scope 3 carbon footprint will be developed and included within the Carbon Reduction Plan in the future.

Declaration and Sign Off

This Carbon Reduction Plan has been completed using the most accurate data available to the organisation at the time of issuing.

Scope 1 & 2 Emissions have been reported and recorded in accordance with the GHG Reporting Protocol corporate standard[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

Additionally, a Scope 3 assessment has also been conducted. This assessment considered the relevant Scope 3 categories in alignment with the UK government's Procurement Policy Note 06/21. The assessment was undertaken according to the GHG Protocol Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Organisation:

B Daintith

Date:

1 April 2025

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting