

# Steeper Group

## Carbon Reduction Plan



June 2024

### Commitment to achieving Net Zero

Steeper Group is committed to achieving Net Zero emissions by 2050 at the latest.

### Baseline Emissions Footprint

#### Baseline year: 2022

Although we have measured scope 1 and 2 emissions since 2018, scope 3 emissions were first measured in 2022. Our baseline year is therefore set to 2022. Our baseline emissions inventory includes all scope 1 and 2 emissions, and a subset of scope 3 emissions including categories 4,5,6,7 and 9 as defined in the Green House Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard.

Emissions Category	Total tCO <sub>2</sub> e
Scope 1	225
Scope 2	173
Scope 3 (categories 4,5,6,7&9)	732
<b>Total</b>	<b>1,130</b>

### Current Emissions Reporting

#### Reporting year: 2023

Reporting year emissions includes all scope 1 and 2 emissions, and a subset of scope 3 emissions including categories 4,5,6,7 and 9 as defined in the Green House Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard.

Emissions Category	Total tCO <sub>2</sub> e	% Change vs 2022
Scope 1	189	-16%
Scope 2	167	-4%
Scope 3 (categories 4,5,6,7&9)	669	-9%
<b>Total</b>	<b>1,025</b>	<b>-9%</b>

## **Emissions reduction targets**

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

We project that over the 5 year period following our 2022 baseline year, annual carbon emissions will reduce by 380 tCO<sub>2</sub>e. This is a reduction of 34%

## **Carbon Reduction Projects**

The following environmental management measures and projects were implemented in 2023. The carbon emission reduction achieved by these equates to 42 tCO<sub>2</sub>e which is a 9% reduction from 2022 Scope 1 and 2 emissions.

1. Installed a system for the isolation of non used capture points on our solvent emissions abatement equipment. This resulted in a reduction of 62kw gas and 19kw electricity per run time hour which is 178,029 kwh gas and 54,357 kwh electricity p.a. This equates to 32 tCO<sub>2</sub>e.
2. Business travel mileage reduced by 10% from 283K miles in 2022 to 254K miles in 2023. This is at least partly due to continuing increased use of remote meeting technology.
3. Revised company vehicle policy to encourage transition to electric vehicles continued to result in an increase of electric and hybrid vehicles from 49% in 2022 to 65% in 2023.
4. Rolled out new technologies within our manufacturing process which resulted in a reduction of around 950kg tCO<sub>2</sub>e p.a.
5. Head Office closing time brought forward by half an hour to reduce daily energy consumption.

Some of the initiatives planned for 2024 are as follows:

1. Continue transition to electric company vehicles as / when company vehicles reach the end of their lease.
2. Reduce solvent emissions abatement equipment run time by a further 3 hours during curing by switching off when solvent emission has reduced to a negligible level.
3. Investigate scope to reduce polymer moulding shifts (which require energy intensive abatement equipment) by ensuring shifts are run at maximum capacity.
4. Improving the effectiveness of de-stratification fans, to improve heating efficiency in the factory.
5. Introduce factory temperature monitoring to optimise heating on / off schedules.
6. Investigate new technologies within our manufacturing process for selected products.

## **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 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 Steeper Group Holdings Limited:**

A handwritten signature in blue ink, appearing to read 'Emma Harvey-Kitching', written in a cursive style.

Emma Harvey-Kitching, Finance Director

Date: 20 June 2024