

# Carbon Reduction Plan

Supplier name: **The Carey Group Ltd**

Publication date: **September 2023**

## Commitment to achieving Net Zero

**The Carey Group Ltd** is committed to achieving Net Zero emissions by 2050.

## 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.

<b>Baseline Year: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Our baseline year aligns to our financial year between October 2018 and September 2019. The baseline year and carbon reduction commitments have been validated by the Science Based Target Initiative. Below summarises our scope 1 and 2 emissions The operational control approach and actual emissions have been used to calculate our emissions. Our scope 3 emissions include category 4, 5, 6, and 7. Category 9 is not applicable to our business. We use a operational control approach and actual and extrapolated data to calculate these emissions.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	16,658
Scope 2	823
Scope 3 (Included Sources)	10,695 (Category 4, 5, 6, 7 )
<b>Total Emissions</b>	<b>28,176</b>

## Current Emissions Reporting:

Reporting Year: 2022 (Oct 2021 to Sept 2022)	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	10167
Scope 2	258
Scope 3 (Included Sources)	8217 (Category 4, 5, 6, 7 )
<b>Total Emissions</b>	<b>18642</b>

## Emissions reduction targets:

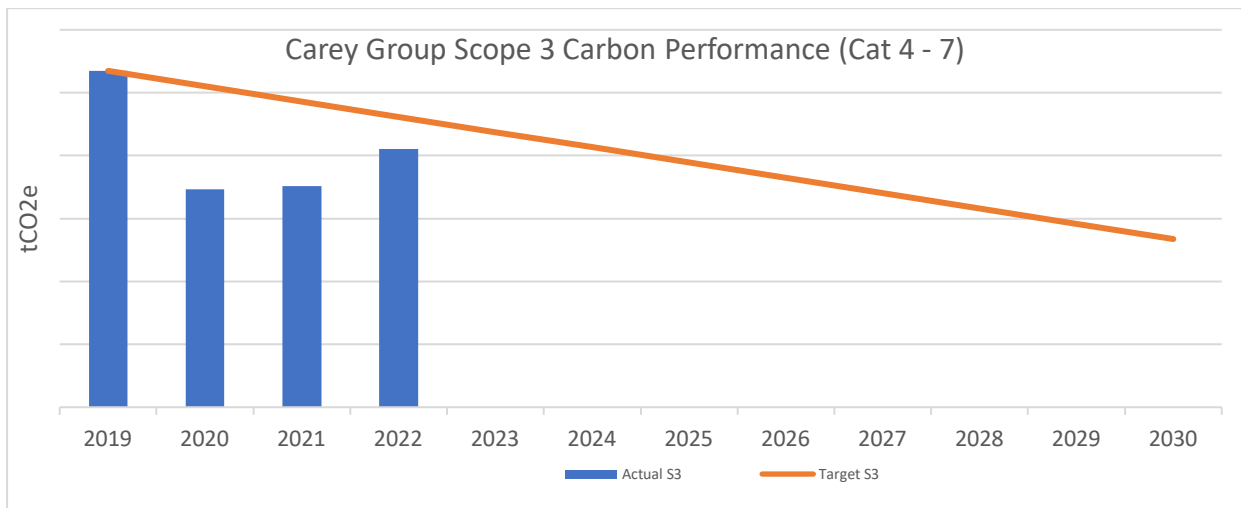
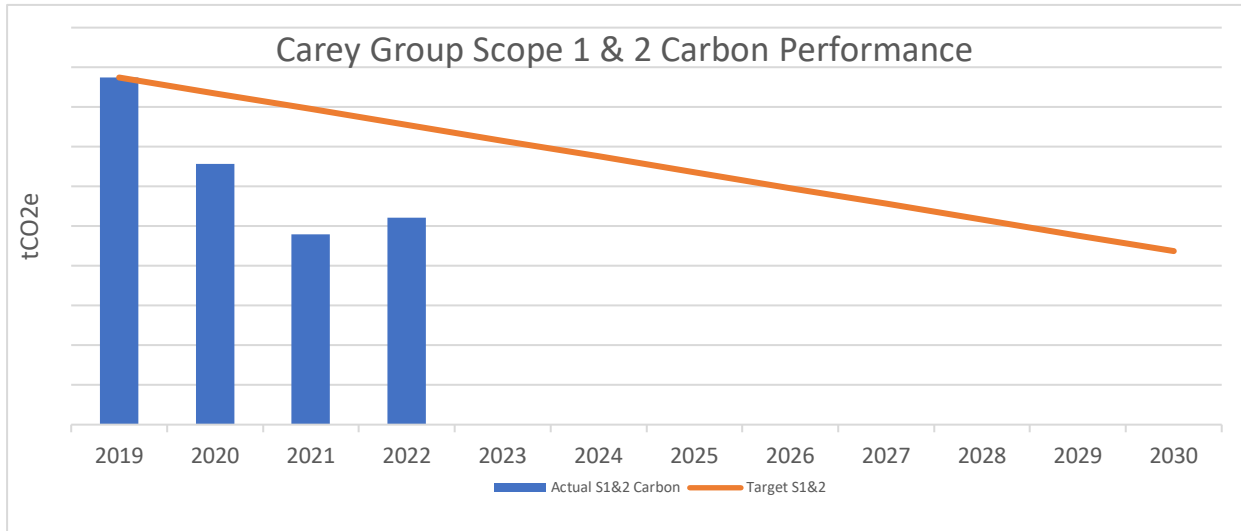
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

1. Reduce absolute scope 1 & 2 GHG emissions by 50% by FY2030 from FY2019 base year.
2. Reduce absolute scope 3 emissions from purchased goods and services by 50% within the same time frame
3. 84% of our suppliers by emissions covering purchased goods and services to have science-based targets by FY2026

We project that scope 1 and 2 carbon emissions will decrease over the next five years to 11,128 tCO<sub>2</sub>e by 2027. This is a reduction of 36% against our baseline year. Our emissions remain below a linear trajectory to achieve our stated targets.

We project that scope 3 carbon emissions will decrease over the next five years to 6806 tCO<sub>2</sub>e by 2027. This is a reduction of 36% against our baseline year. Our emissions remain below a linear trajectory to achieve our stated targets.

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




### Carbon Reduction Projects:

#### Completed Carbon Reduction Initiatives

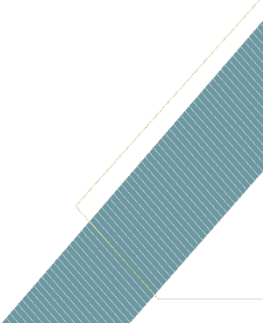
The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes in addition to variations to levels of business activity equate to 9,534 tCO<sub>2</sub>e, a 34% reduction against the 2019 baseline and these measures will be in effect when performing the contract.


Carbon reduction initiatives completed to date include a range of organisation and behaviour led actions working together with industry partners and our key stakeholders.

- Approved carbon reduction baseline and targets validated by the science-based target initiative.
- Adoption and roll out of our 3C's sustainability strategy across the business and integration into our wider business processes.

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- Roll out of sustainability module as part of our black hat supervisor training programme.
  - Adoption of electric hand tools to replace petrol and diesel hand tools on our sites.
  - Moved our direct purchased electricity and gas tariffs to Renewable Energy Guarantees of Origin (REGO) certified tariffs.
  - Working towards a transition to diesel free sites. With one recent project operating without use of standard diesel, utilising electric powered plant and HVO fuel.
  - Utilisation of certified HVO fuel for our owned HGV fleet and within our plant on our sites where our plant manufactures and clients permit.
  - Review and renewal of our company fleet of vans and plant to lower emission vehicles to support our decarbonization efforts. Pursuing a mix of electric vehicles and set targets for tail pipe emissions of new diesel engine vans, cars and plant.
  - Active member of concrete zero group, committed to transition to using 30% low emission concrete by 2025 and 50% by 2030, setting a clear pathway to using 100% net zero concrete by 2050.
  - Reviewing embodied carbon of our materials during construction and taking actions alongside our clients and designers to actively reduced our emissions.
  - Ongoing trials of cement free concrete products.
  - Active Gold level member of the supply chain sustainability school
  - Ongoing engagement with our key supply chain to align to science-based target initiative and select the most carbon efficient materials.

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

- Develop low carbon site setup and welfare standard for all of our sites.
  - Review opportunities for renewable installations on our owned permanent facilities.
  - Join the SCSS plant charter and align our plant renewal to its requirements.
  - Implement trials of innovative low carbon technology such as hydrogen fuel cell technology and hydrogen plant.
  - Establish and roll out eco driver training programme for plant and fleet.
  - Formalise our procurement requirements and processes around our key materials to ensure active consideration of low carbon products during procurement.
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- Work closely with our supply chain and material suppliers to trial and utilise innovative materials on our sites such as cement free concrete.
  - Undertake whole life carbon assessments and set baselines on relevant projects (e.g. ECI) and offer innovative and more sustainable options to our clients.

### **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>1</sup> and uses the appropriate [Government emission conversion factors for greenhouse gas company reporting](#)<sup>2</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>3</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:**

**Mr Jason Carey**, Group CEO

Date: 25<sup>th</sup> September 2023

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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

