



# OUR COMMITMENT TO ACHIEVING NET ZERO

## R G CARTER IS COMMITTED TO ACHIEVING NET ZERO EMISSIONS BY 2045

FROM A 2020 BASELINE IN OUR OWN OPERATIONS (SCOPE 1 AND 2 EMISSIONS).

We will continue to engage with our value (supply) chain to achieve Net Zero across our scope 3 emissions by 2045.

The targets and data within this document represents R G Carter and all subsidiary companies.

Working with:



### BASELINE EMISSIONS FOOTPRINT 2020

Reporting Year: Calendar Year 2020 (01 January 2020 - 31 December 2020)

For the 2020 baseline year, R G Carter have calculated scope 2 carbon emissions using both location-based and market-based approaches.

Based on the available data, emissions from refrigerants (scope 1) were excluded from the baseline carbon footprint exercise as the leakage rate from their HVAC/refrigerant equipment was estimated as <1% of scope 1 & 2 emissions.

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
<b>Scope 1: (Including:)</b>	<b>3,388</b>
Natural Gas:	132
Other stationary energy:	2,016
Company Vehicles:	1,239
<b>Scope 2 (Location - based)</b>	<b>700</b>
<b>Scope 2 (market - based)</b>	<b>1,142</b>
<b>Scope 3 (Including:)</b>	<b>2,557</b>
Cat 4: Upstream Transportation & Distribution;	1,940
Cat 5: Waste generated in Operations;	127
Cat 6: Business Travel;	24
Cat 7: Employees Commuting;	275
Cat 9: Downstream Transportation & Distribution);	191
<b>Total Emissions (location - based)</b>	<b>6,645</b>
<b>Total Emissions (market - based)</b>	<b>7,087</b>

### CURRENT EMISSIONS REPORTING 2023

Reporting Year: Calendar Year 2023 (01 January 2023 - 31 December 2023)

For the 2023 calendar year, based on available data, R G Carter have calculated scope 2 carbon emissions using both location-based and market-based approaches. All electric powered vehicles are charged off-site and not included in R G Carter's purchased electricity consumption.

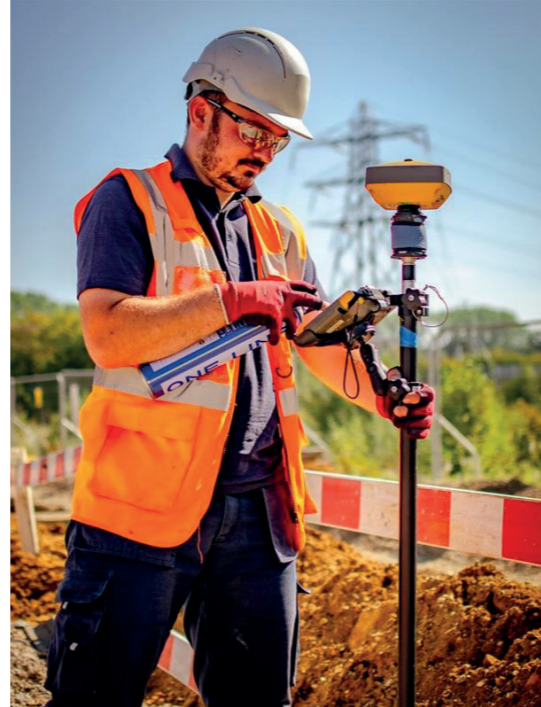
Based on the f-gas logs and maintenance checks conducted in 2023, no leaks or additional refrigerant was recorded. Therefore, emissions from refrigerants (scope 1) were assumed to be negligible and excluded from the listed scope 1 carbon footprint emission sources below.

This year, absolute emissions have reduced against our baseline. Where there has been an increase in emission intensity, this has occurred principally from the increased use of primary data, increased emission factors and an increase in transmission & distribution requirements for our manufacturing businesses.

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
<b>Scope 1: (Including:)</b>	<b>2,054</b>
Natural Gas:	120
Other stationary energy:	528
Company Vehicles:	1,406
<b>Scope 2 (Location - based) Including:</b>	<b>440</b>
Purchased electricity:	397
Company vehicles:	43
<b>Scope 2 (market - based) including:</b>	<b>145</b>
Purchased electricity:	102
Company Vehicles:	43
<b>Scope 3 (Including:)</b>	<b>4,067</b>
Cat 4: Upstream Transportation & Distribution;	2,923
Cat 5: Waste generated in Operations;	249
Cat 6: Business Travel;	18
Cat 7: Employees Commuting;	812
Cat 9: Downstream Transportation & Distribution);	65
<b>Total Emissions (location - based)</b>	<b>6,560</b>
<b>Total Emissions (market - based)</b>	<b>6,266</b>

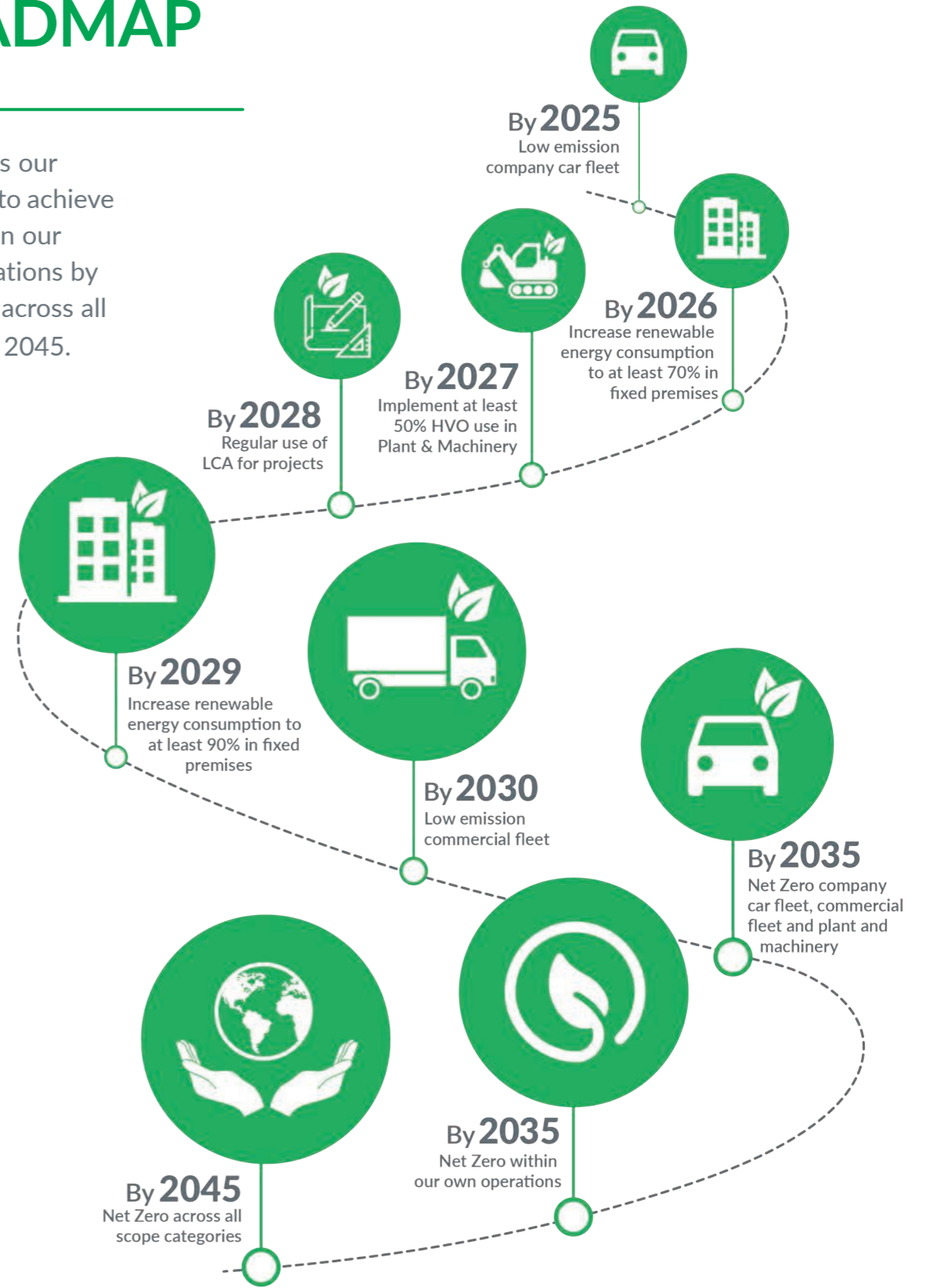






# OUR NET ZERO ROADMAP

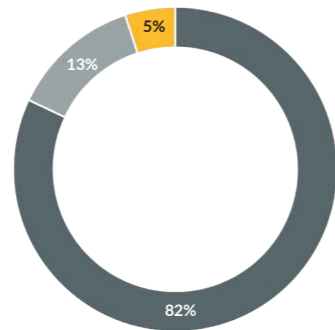
This shows our Roadmap to achieve Net Zero in our own operations by 2035 and across all scopes by 2045.



## PROGRESS TOWARDS OUR 2025 TARGET

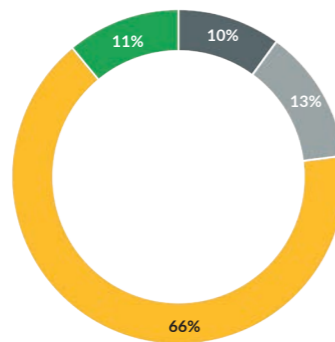
### COMPANY CAR FLEET 2021

- Diesel
- Petrol
- Hybrid Electric (Self Charging)
- Battery Electric Vehicle



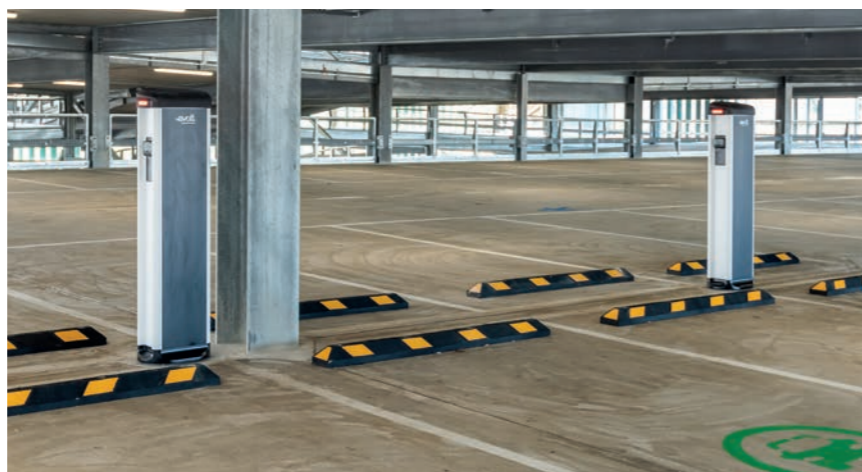
### COMPANY CAR FLEET 2023

- Diesel
- Petrol
- Plug-In Hybrid Electric Vehicle
- Battery Electric Vehicle



In 2021, 95% of our company car fleet was powered by internal combustion engines. In 2023 11% of our current company car fleet is fully electric, 66% are PHEVs and only 23% remains powered by internal combustion engines.

“ In 2023, we achieved over a 70% decrease in company cars powered by internal combustion engines. ”





# CARBON REDUCTION INITIATIVES

## UN SDG ALIGNMENT

### COMPLETED

### PLANNED



As a construction firm, we recognise the impact the construction industry has on the climate and are taking actions to reduce our impact to this ongoing crisis.

- Anti-idling policy trialled.
- Lifecycle sustainability considered when selecting goods
- Utilise MMC to increase efficiency and eliminate avoidable waste where possible.
- Introduction of telematics to monitor fuel efficiency and driver behaviour in commercial vehicles.

- Energy efficiency surveys of the Firm's facilities
- Implementation of anti-idling policy aligned with HVO policy.



As a responsible contractor, R G Carter ensures that all projects are built to last. Sustainability is at the core of our ethos and we aim to deliver and embrace sustainability innovations.

- Use of technology to reduce travel where possible.
- Transition towards use of electric plant and machinery where possible.
- In use Solar hybrid eco cabin.

- Use of hybrid generators across sites where grid connections is not possible.
- Paper towel replacements in bathroom with hand dryers.



R G Carter recognises that as a construction firm, we have a responsibility to ensure that the way procure, produce and consume energy and materials is sustainable.

- Full implementation of HVO fuel in our piling division.
- Introduction of a low emission fleet of company vehicles.
- Renewable energy tariffs for all offices and manufacturing facilities.

- Implementation of a HVO policy to all plant and equipment to reduce fossil fuel use.
- Continued roll out to a low emission fleet of company vehicles.
- Implement renewable energy tariff on construction project sites where possible.



R G Carter are proud of our heritage and family values. This is reflected in our dedication to supporting local supply chains to support sustainable development.

- Actively discuss joint sustainability initiatives and targets.
- Encouraging energy efficient employee behaviour.

- Supply chain initiatives to reduce dependency on fossil fuels.
- Agree ESG deliverables with subcontractors.





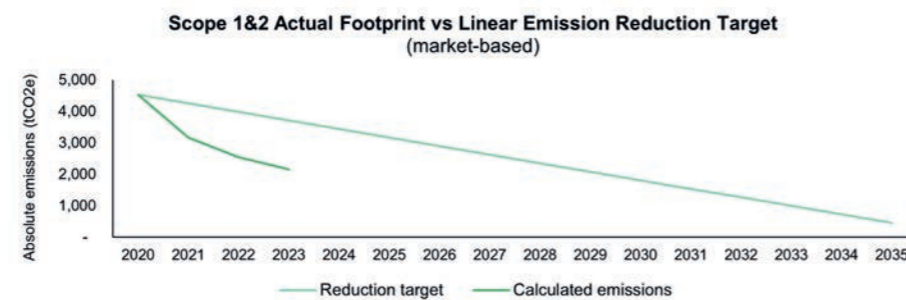
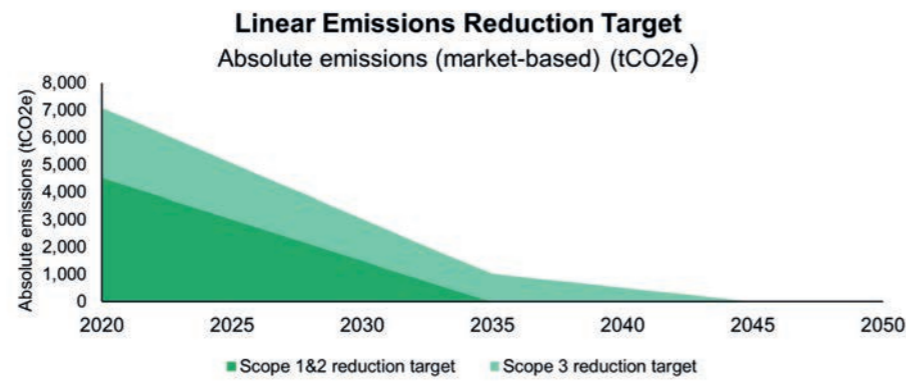
## CLIMATE CHANGE IS UNDOUBTEDLY THE GREATEST CHALLENGE OF OUR GENERATION.

We recognise our role in decarbonising the built environment and are committed to driving excellence, embracing innovation and working collaboratively to deliver forward-thinking solutions.



## PROJECTED EMISSIONS REDUCTION

Our 2023 full year absolute emission figures have seen a reduction for a third consecutive year, a 11% decrease from our 2020 baseline.



## 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 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 the Supplier:

Group Company Secretary

Date:

30th September 2024

### EMISSIONS INTENSITY TURNOVER (tCO<sub>2</sub>e/£m)

	2020	2021	2022	2023
Scope 1 & 2 emission intensity (market-based)	17.9	10.75	7.42	8.3
Total emission intensity (Scope 1, 2 & 3) (market-based)	26.3	23.34	18.63	23.6

<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>