



# OUR COMMITMENT TO ACHIEVING NET ZERO

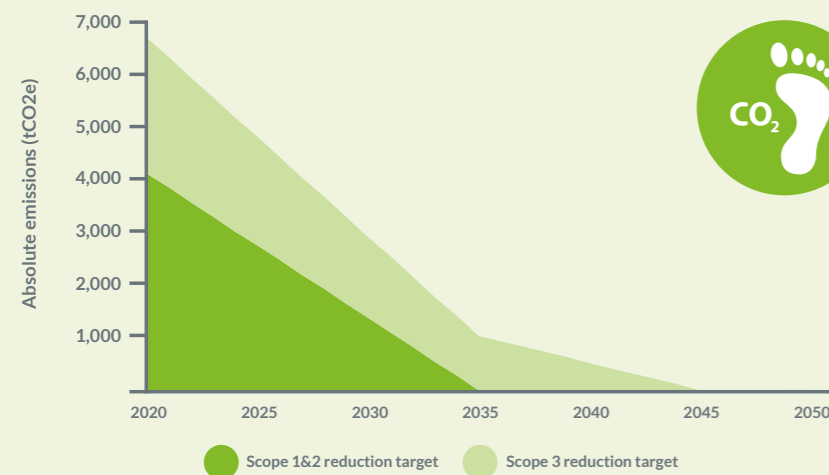


R G Carter is committed to achieving Net Zero emissions from a 2020 baseline in our own operations (scope 1 and 2 emissions) by 2035 and we will continue to engage with our value (supply) chain to achieve Net Zero across our scope 3 emissions by 2045.

“Future generations will judge us by our actions not our words. 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

Absolute emissions (tCO<sub>2</sub>e)



## Offsetting

We will do everything we can to operationally reduce our carbon footprint and only offset what cannot be eliminated as a last resort, following the carbon mitigation hierarchy. We will ensure any offsets are credible, high-quality and certified.

## EMISSION REPORTING

### 2019

Calendar year 2019 (01 January 2019 – 31 December 2019)	TOTAL (tCO <sub>2</sub> e)
Scope 1	5,597
Scope 2 (location-based)	887
<b>Total scope 1 &amp; 2 Emissions (location-based)</b>	<b>6,484</b>

### Carbon intensity

Our 2019 carbon emission intensity for scope 1 and 2 emissions was 19.5t CO<sub>2</sub>e / £m turnover.

### 2020

Reporting Year: Calendar Year 2020 (01 January 2020 – 31 December 2020)	
Baseline year emissions	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	3,388
Scope 2	700
Scope 3 (Including: Cat 4: Upstream Transportation & Distribution; Cat 5: Waste generated in Operations; Cat 6: Business Travel; Cat 7: Employees Commuting; Cat 9: Downstream Transportation & Distribution)*	2,557
<b>Total Emissions</b>	<b>6,645</b>

### Carbon intensity

Our current year carbon emission intensity for our scope 1 and 2 emissions is 16.2t CO<sub>2</sub>e / £m turnover. This is a 16.9% reduction against our 2019 carbon intensity due to the introduction of carbon reduction initiatives. Our current total emission intensity across recorded scope 1, 2 and 3 activities is 26.3t CO<sub>2</sub>e/£m.



## CARBON REDUCTION INITIATIVES

### Completed

Carbon reduction initiatives that were underway as of the end of the 2020 reporting year.



#### Reduce fuel oil consumption:

- Assessment of future plant and equipment procurement focusing on efficiency



#### Reduce electricity consumption:

- Transition to LED lighting and absence-controlled lighting
- Investment in energy efficient ICT equipment
- Encouraging environmentally responsible employee behaviours
- Increased energy efficiency on construction sites and manufacturing facilities
- Use of biomass boilers
- Installation of heat recovery systems
- Maximising efficiencies of office locations



#### Reduce emissions from company vehicles:

- Increasing number of hybrid company vehicles
- Agile working practices
- Reduction in fleet size

### Planned

Initiatives to achieve our Net Zero ambition.



#### Reduce fuel oil consumption:

- Fuel monitoring
- Reduce idling by providing training for plant operators to drive fuel efficiency behaviours
- Early grid connection for temporary sites
- Consider more sustainable fuels
- Alternative temporary energy sources for transient construction sites i.e. hybrid generators
- Adoption of electrified plant as technology becomes available



#### Reduce electricity consumption:

- Introduce renewable energy tariffs for all offices and manufacturing facilities
- Conduct hotspot analysis
- Conduct energy surveys
- Explore opportunities to retrofit and replace site cabins to allow for more low carbon solutions such as LED lighting, heat pumps, double glazing, insulation, PV and solar panels for electricity and hot water

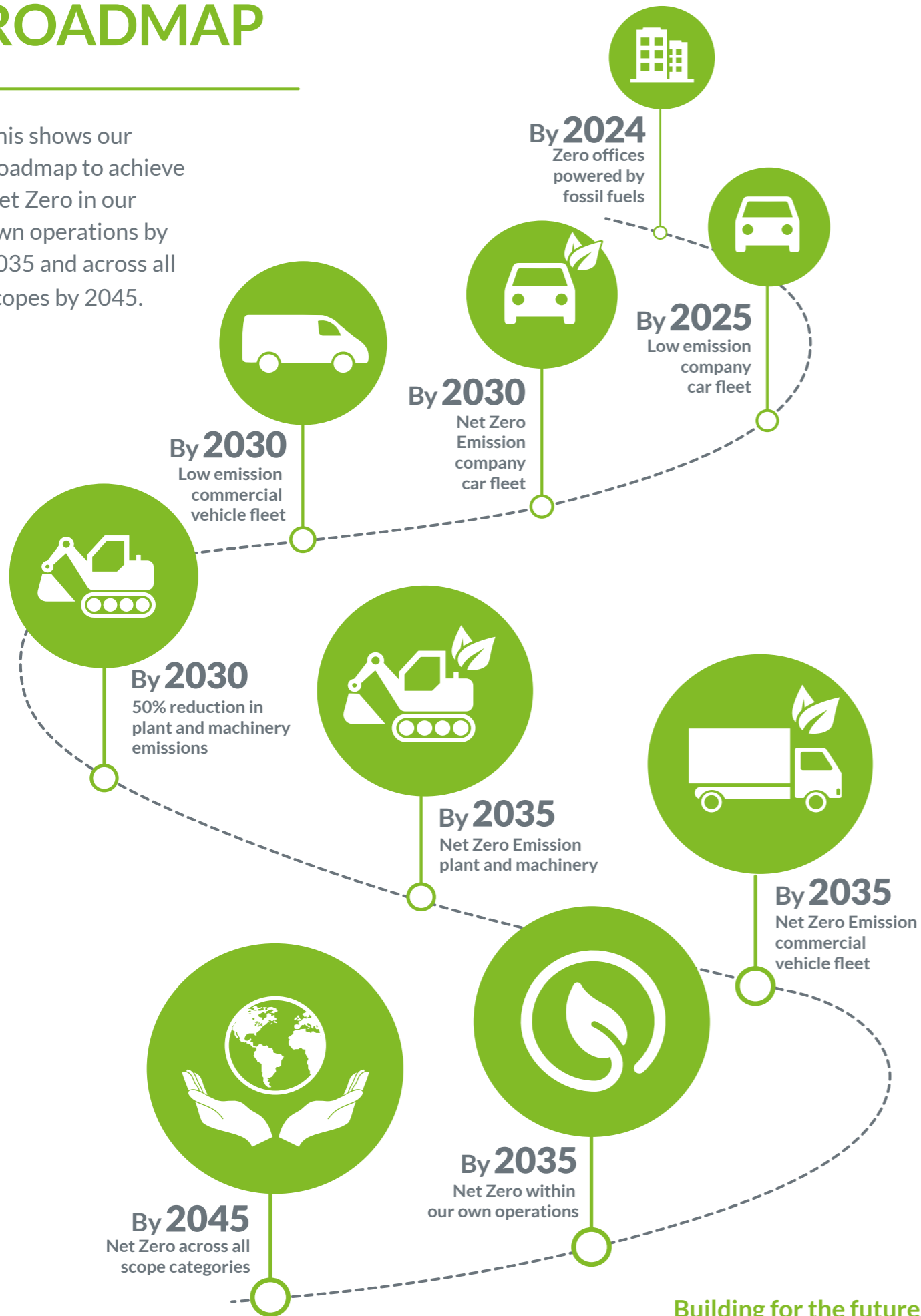


#### Reduce emissions from company vehicles:

- Conduct a thorough fleet review to transition to a fully electric fleet as technology becomes available
- Implement further driver training
- Alternative fuel sources for HGV and LGV fleet. Convert HGVs and LGVs to more fuel-efficient solutions

# OUR NET ZERO ROADMAP

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



Building for the future

“We have achieved a 16.9% OPERATIONAL EMISSION INTENSITY REDUCTION between 2019 and 2020.”



## DECLARATION AND SIGN OFF

This Carbon Reduction Plan has been prepared in collaboration with the Carbon Trust and completed in accordance with PPN 06/21 and associated guidance and reporting standards 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.

Signed on behalf of the Supplier:

Date:

Group Company Secretary

30th September 2021

<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>