

# Carbon Reduction Plan

Supplier name: Ringway

Publication date: September 2023

## Commitment to achieving Net Zero

Ringway 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.

Baseline Year: 2019	
<b>Additional Details relating to the Baseline Emissions calculations:</b>	
Our baseline year has been determined by our parent organisation. We utilise the Greenhouse Gas protocol and a financial control methodology to determine our scope 1 and 2 emissions. Actual emissions have been used to calculate these emissions.	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	15,731
Scope 2	699
<b>Total Emissions</b>	<b>16,430</b>
Baseline Year: 2019	
<b>Additional Details relating to the Baseline Emissions calculations:</b>	
Our baseline year has been determined by our parent organisation. We utilise the Greenhouse Gas protocol and a financial control methodology to determine our scope 3 emissions. Actual and spend data has been used to calculate these emissions using direct primary data sources and secondary sources from our supply chain.	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 3 (Included Sources)	5,993 (Category 4, 5, 6, 7, 9)
<b>Total reported Emissions</b>	<b>22,423</b>

## Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO2e)
Scope 1	12,710
Scope 2	38
Total Emissions	12,478
Scope 3 (Included Sources)	4,503 (Category 4, 5, 6 and 7)
Total Emissions	17,251

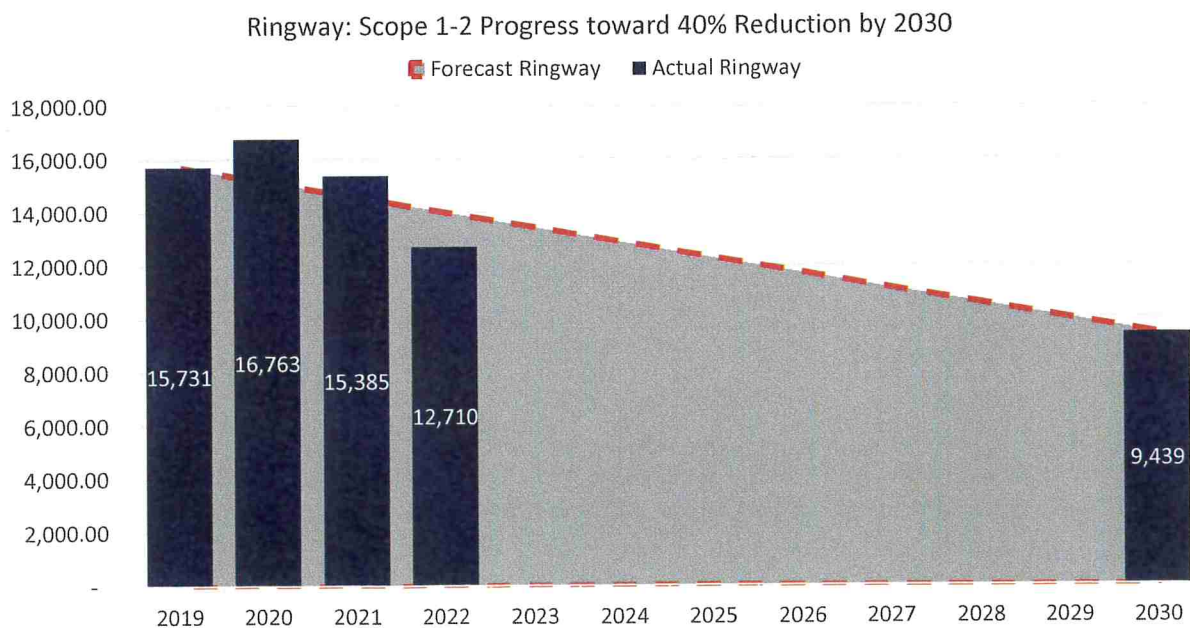
## Emissions Reduction Targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

- I. A long-term science-based target to reach net-zero value chain GHGs emissions by no later than 2050
- II. A reduction in Scope 1 and 2 emissions by at least 40% by 2030 (based on a 2019 baseline)
- III. A reduction in Scope 3 emissions by at least 20% (based on a 2019 baseline)
- IV. Interim science-based targets across all relevant scopes and in line with the criteria and recommendations of the Science Based Targets initiative

In 2022, our Scope 1 & 2 emissions decreased by 19% since our baseline year. Significant reductions have continually been achieved in Scope 2 through procurement of renewable electricity from REGO tariffs, With future initiatives focusing on the decarbonisation of plant and fleet, we aim for our Scope 1 & 2 emissions to decrease over the next five years to 11,615 tCO2e by 2027, a reduction of 29% from 2019.

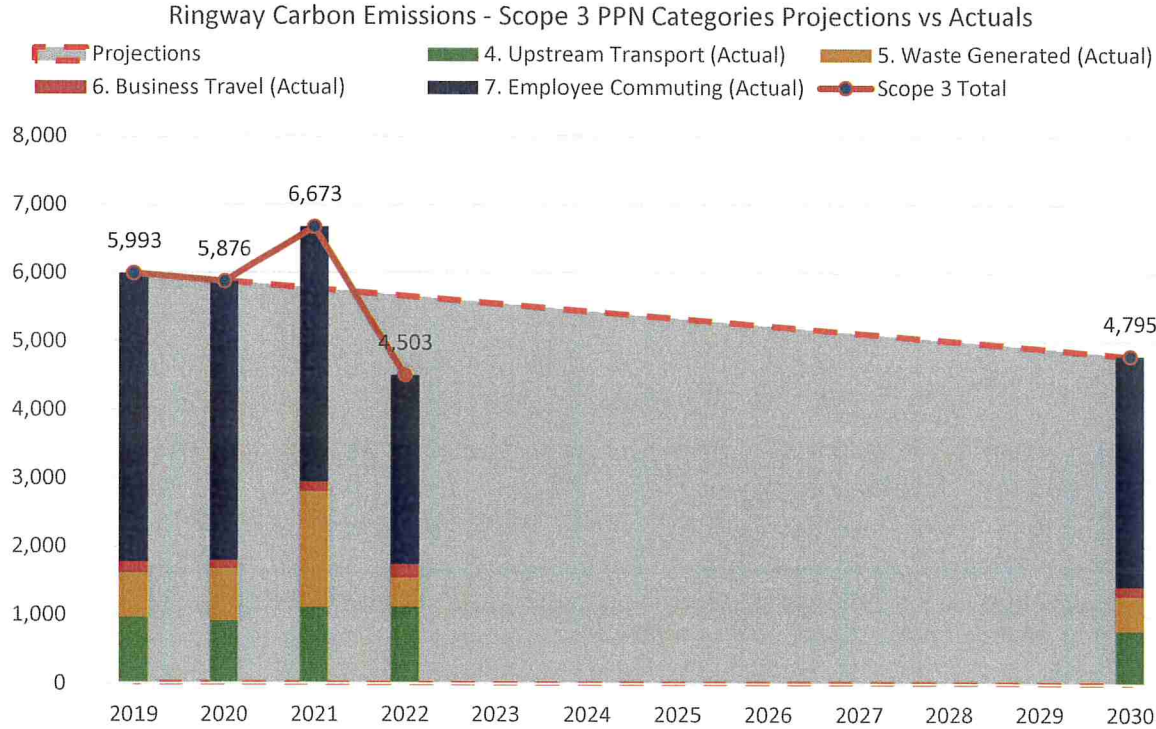
Progress against these targets can be seen in the graphs below showing tCO2e verses year:



Our methodology for calculating Scope 3 emissions is continually developing to deal to the complexity and variability of the data we find in our systems and with our supply chain partners. With increasing collaboration with our supply chain and advancement in our digital and reporting tools, we anticipate our Scope 3 emission will become clear and more insightful as maturity in the industry grows.

Scope 3 emissions have decreased by 25% in 2022 from our baseline, due to several factors. This is seen within Employee Commuting from the consideration of electric vehicles and accurate commuting patterns we have accounted for based on a 2022 business wide travel survey. Further reductions were observed in our Waste operations as higher volumes of waste streams were identified and diverted away from landfill. Business Travel remains to be a small part of our Scope 3 footprint, whilst Upstream Transport of direct purchased materials has slightly increased.

Progress against these targets can be seen in the graphs below showing tCO2e verses year:





## Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 5172 tCO<sub>2</sub>e, a 23% reduction against the 2019 baseline (Scope 1, 2 & 3) and the measures will be in effect when performing the contract

To date, Carbon Reduction Initiatives completed include a range of strategic and organisation actions that relate to:

- Development of a Strategic Roadmap and Action Plans on Climate, Circular Economy, and Natural Environment
- Delivery of warm asphalt solutions on contracts as the standard resurfacing option where our Clients permit these specifications
- Establishment of a recycling facility to produce secondary aggregate and recycling asphalt pavement (RAP) for reuse into the local road network as recycled Type 1 and/or RecoFoam cold recycled mix for asphalt roadbase replacement, where our Clients permit this specification
- Trialled the UK's first 7.2T EV in Hounslow, the first plastic body 7.2T EV TM truck in London and have on order the UK's first 26T EV Grab coming to London to lead the way on trials on emerging EV Fleet
- Continue to transition of small plant and hand powered tools, away from fossil fuel to electric
- Prioritise grid connections from renewable sources for all directly procured electricity
- Continued transition of company car and van fleet from diesel to electric vehicles, alongside the installation of charging points at static locations

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

- Developing PAS 2080 carbon management system to consider whole life cycle carbon from early design and throughout delivery stages
- Developing Carbon Literacy training to deliver to teams and supply to support decarbonization actions
- Transitioning the fleet of larger vehicles & heavy plant and machinery away from diesel & petrol as technology for battery and hydrogen improves
- Roll out of energy efficient cabins (A rated EPC) as preferred option for welfare site set ups
- Promoting the VINCI Environmental Awards to encourage the submission of innovative and sustainable solutions that can be replicated for wider uptake

## 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:*

  
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Date: ..... 27/09/2023

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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>

