



Ryder

Carbon Reduction Plan

# Commitment to Achieving Net Zero

Ryder Architecture is committed to achieving net zero for scopes 1, 2 and 3 GHG emissions no later than 2050.

Supplier name: Ryder Architecture

Publication date: 28 September 2023



### 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.

### Additional Details Relating to the Baseline Emissions Calculations

The Ryder 2020 fiscal year ran from 1 May 2019 through to 30 April 2020 and has been used as the baseline year.

The calculation includes scopes 1, 2 and a subset of scope 3 emissions in line with the PPN06/21 technical standards. Where specific emissions data was not available a proxy was used, such as spend data or extrapolated based on floor area. For some of the business travel data, the cost based method for calculating carbon emissions has been used.

Baseline Year: FY2020

Baseline year emissions:

Emissions	TOTAL (tCO <sub>2</sub> e)
Scope 1	44
Scope 2	94
Scope 3	141
Includes:	
4 Upstream transportation and distribution 4 tCO <sub>2</sub> e	
5 Waste generated in operations 1 tCO <sub>2</sub> e	
6 Business travel 62 tCO <sub>2</sub> e	
7 Employee commuting 74 tCO <sub>2</sub> e	
9 Downstream transportation and distribution 0 tCO <sub>2</sub> e	
13 Downstream leased assets 15 tCO <sub>2</sub> e	
Note:	
9 Downstream transportation and distribution is not relevant to the scope of Ryder's business activities	
<b>Total emissions</b>	<b>309</b>

### Current Emissions Reporting

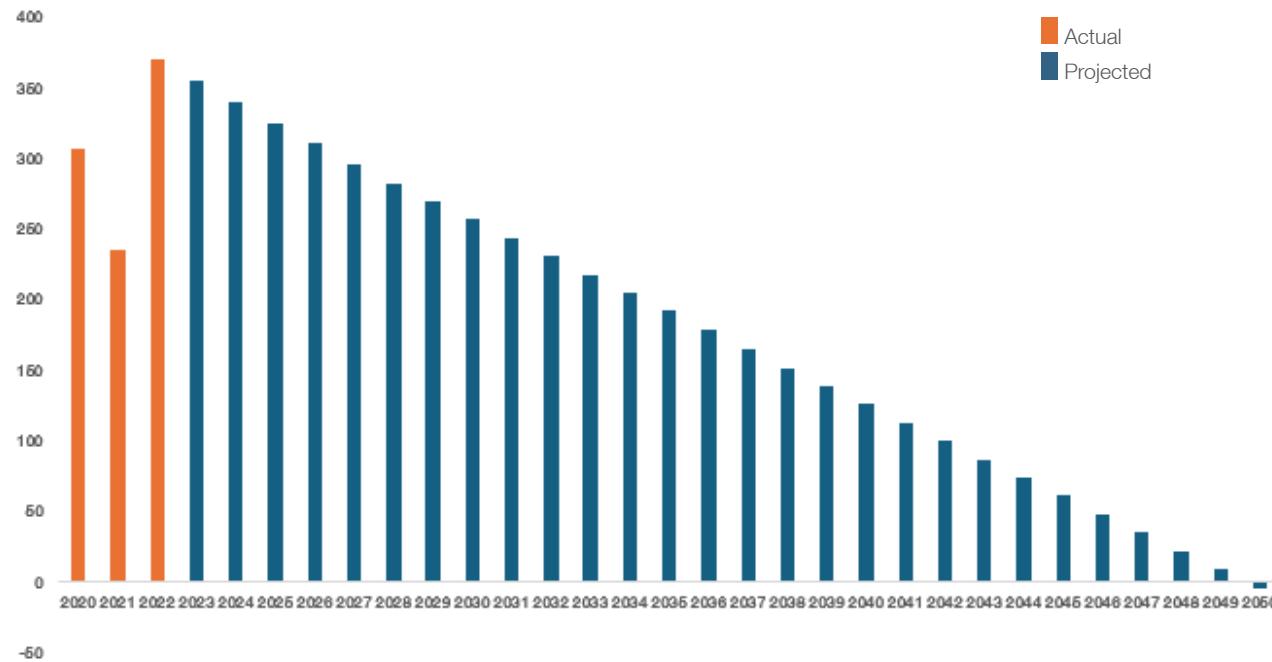
There was an increase overall in our scope 1, 2 and 3 emissions against our FY20 baseline emissions in FY22. This increase was largely a result of significant business growth including a 27% increase in staff numbers. Based on a per capita measure, emissions have reduced by 5% to 1.19 tCO2e per member of staff against baseline of 1.26 tCO2e.

Reporting Year: FY2022

Emissions	TOTAL (tCO2e)
Scope 1	64
Scope 2	94
Scope 3	212
Includes:	
4 Upstream transportation and distribution 4 tCO2e	
5 Waste generated in operations 1 tCO2e	
6 Business travel 78 tCO2e	
7 Employee commuting 129 tCO2e	
9 Downstream transportation and distribution 0 tCO2e	
Note:	
9 Downstream transportation and distribution is not relevant to the scope of Ryder's business activities.	
<b>Total emissions</b>	<b>370</b>

## Emissions Reduction Targets

In order to continue our progress towards achieving our net zero goal, we have adopted the following carbon reduction targets as illustrated in the following graph.



We project that our carbon emissions will decrease over the next five years to 295 tCO2e by FY2027. This is a reduction of 20% against our current emissions.

Our targets were adjusted following significant business growth in 2022 and anticipated growth in 2023. FY21 illustrates a significant reduction in emissions due to the changes to working practice, temporary office closures and restrictions on travel during the Covid lockdowns.

## Carbon Reduction Projects

Historically, the practice's environmental goals were captured in our ISO14001 Environmental Management System, which over time was enhanced and expanded. Building on our past achievements to mitigate our impact we have sought to accelerate our efforts in combating the causes of climate change and the breakdown of the earth's natural systems.

A cornerstone of this strategy is to reduce our carbon emissions and become net zero in the operation of our practice. To deliver this, working with external consultants, we have developed our net zero roadmap.

The roadmap sets out targets, carbon reduction projects and key next steps.

We have identified that further improvements in the data we collect on our emissions, will allow us to continually evaluate emission hotspots and prioritise resource allocation.

The following environmental management measures and projects have been completed and implemented since the FY2020 baseline. The carbon emission reductions achieved by these schemes and behavioural change in the practice equate to a 0.05 tCO<sub>2</sub>e per member of staff and a 5% reduction against our baseline per capita emissions. These measures will remain in place when performing contracts over the coming year.

- 1 Developed carbon dashboards that provide live data on our emissions and key areas where intervention is required.
- 2 Included progress against our net zero roadmap in our annual reports.
- 3 Provided a public transport season ticket loan to encourage staff to utilise public transport when commuting substantial distances.
- 4 Introduced an electric vehicle salary sacrifice scheme that enables staff to lease an electric vehicle and maintain existing cycle to work scheme.

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

- 5 Where we have direct control, transition to 100% of electricity being sourced from high quality green tariffs of PPAs.
- 6 Work with our landlords to drive down emissions, identifying opportunities to transition away from fossil fuel energy sources and enhance each site.
- 7 Develop our existing sustainable travel policy across our operations, prioritising the reduction of the need to travel through the adoption of technology, followed by the adoption of low impact travel methods. We will aim to minimise the need to fly or the use of single occupancy petrol and diesel vehicles as a priority.
- 8 Work with our supply chain to develop and deliver their carbon reduction plans, prioritising engagement with the most significant suppliers.

Where we have operational control over our offices we have also embarked on a programme of energy reduction and efficiency initiatives. This includes a detailed energy study of our largest office, Cooper's Studios. From this study we have identified a range of carbon reduction measures of varying scale, cost and complexity. This study not only seeks to improve the buildings performance but also enhance user health and comfort, benefiting the environment and the wellbeing of our people. Works currently planned include:

- 1 Replacement of the existing gas fired heating system with electric Air Source Heat Pumps (ASHP).
- 2 Upgrade and replacement of building management systems to enhance efficiency.
- 3 Improved lighting design and controls, with all lights replaced with low energy, long life LED fittings.
- 4 Enhancement of existing ductwork including insulation upgrades to reduce system losses.
- 5 Integration of photovoltaic panels to the existing roof, providing on site renewable energy.
- 6 Targeted fabric upgrades to improve insulation levels and air leakage, reducing heating and cooling demand.
- 7 The installation of sensors and metering that will allow us to better understand building use and operation, and identify future efficiencies.
- 8 Improved cycle facilities to enable more staff to cycle to work.
- 9 Review pool car specifications at time of replacement to select the lowest carbon emissions option.

## **Declaration and Sign Off**

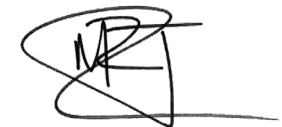
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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 (or equivalent management body).

**Mark Thompson**  
Managing Partner

A handwritten signature in black ink, appearing to be 'MT', enclosed within a circular scribble.

28 September 2023





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