

Russell WBHO Carbon Reduction Plan

Supplier name

Russell WBHO

Publication date

24/06/2026

Commitment to achieving net zero

Russell WBHO is committed to achieving net zero emissions by 2038, reducing our GHG emissions (Scope 1 & 2) at a rate consistent with limiting global warming to 1.5°C.

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: 2021

Additional details relating to the baseline emissions calculations:

We have followed the Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, March 2019. We have also used the GHG Protocol Value Chain (Scope 3) Standard, but we are not as yet able to report on all categories that may be relevant. We have used 2021 UK Government's Conversion Factors for Company Reporting.

Baseline year emissions:

Emissions	Total (tCO ₂ e)
Scope 1	277.1
Scope 2	261.5
Scope 3 (included sources)	142.1
Total emissions	680.8

Current emissions reporting

Reporting year: 2025

Emissions	TOTAL (tCO ₂ e)
Scope 1	69.1
Scope 2	36.7
Scope 3 (included sources)	135.7
Total emissions	241.5

Note – Year 2025 GHG emissions are currently being validated by external party.

Emissions reduction targets

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

- Year 2024 – 17% reduction (Carbon Neutral for Scope 1 & 2 Emissions) – **Achieved**
- Year 2028 – 54% reduction (Carbon Neutral for Scope 1 & 2 Emissions)
- Year 2030 – 77% reduction (Carbon Neutral for Scope 1 & 2 Emissions)
- Year 2033 – 86% reduction (Carbon Neutral for Scope 1 & 2 Emissions)
- Year 2038 – Net Zero

The following graph shows our planned trajectory towards our net zero goal:

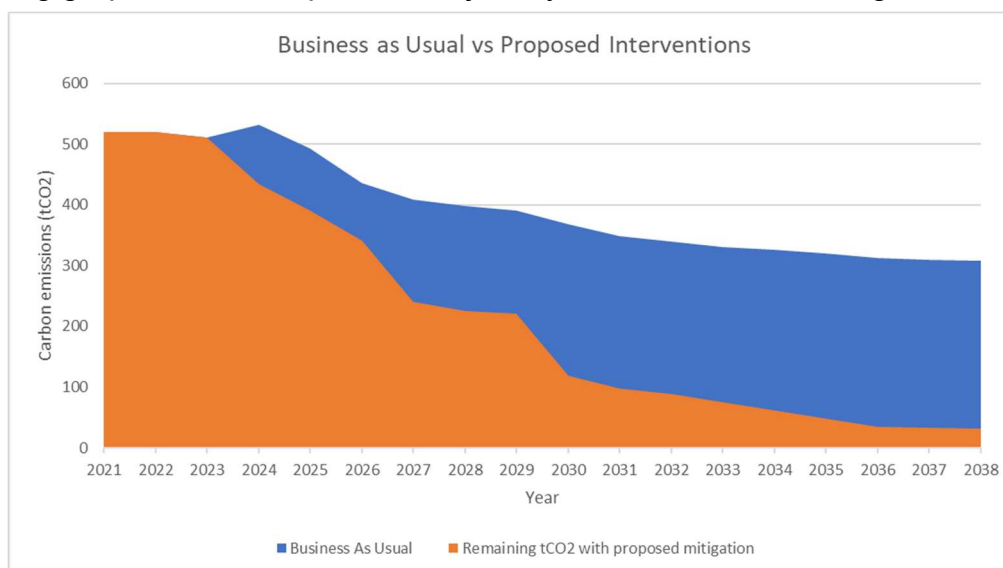


Figure 1: Business as Usual vs Proposed Interventions

Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to 22.35 tCO₂e, a 44.7% reduction against the 2021 baseline and the measures will be in effect when performing the contract.

Head office energy reduction and Solar PV generation

- 43.2% reduction since 2021 baseline
- 2025 – 21.95% Solar Generated

Electric Vehicles - Company Car Business Travel reduction in emissions

- Intensity ratio (tCO₂e/1000 Miles) - 55% reduction since 2021 baseline

Other initiatives as shown in the future carbon reduction initiatives section below are ongoing and implemented on our construction projects. We measure our carbon emissions in tCO₂e/£100k turnover. This enables us to established the effectiveness of our initiatives against our turnover.

- 2025 Scope 1 & 2 emissions intensity ratio (tCO₂e/£100k) – 73% reduction since 2021 baseline

Short Term Target Achieved - The intensity ratio (tCO₂e/£100k turnover) for 2024 emissions showed a 37% reduction to our 2021 baseline emissions, meeting our first short term target in our Net Zero Strategy:

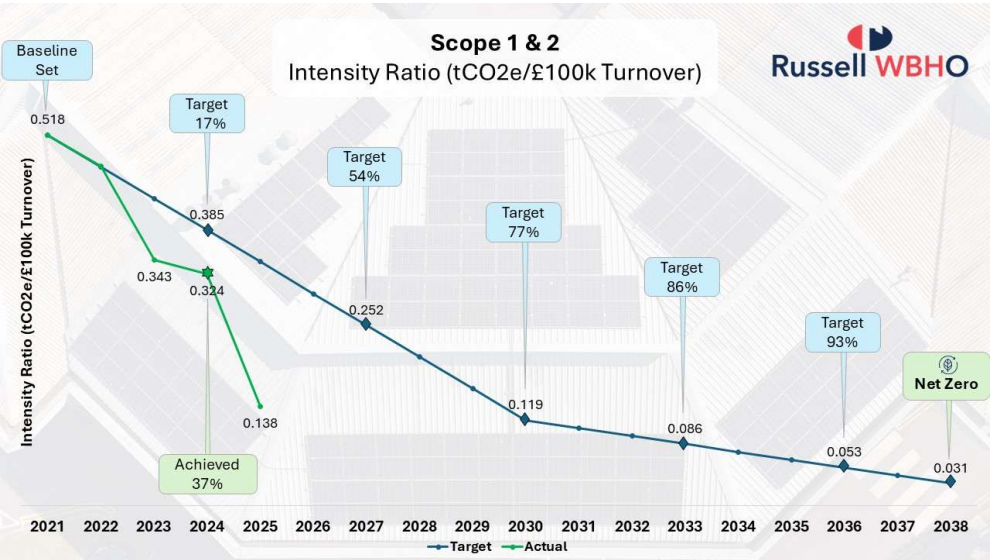


Figure 2: Scope 1 & 2 Intensity Ratio (tCO₂e/£100k turnover)

Future carbon reduction initiatives

Russell WBHO has pledged a future reduction in greenhouse gas emissions by a number of methods as shown below:

Net Zero by 2038

How will this be achieved on our Constructing Projects?

Installation of temporary solar photovoltaic system at site welfare accommodation – providing up to 30% reduction in site temps energy

Eco, low energy welfare accommodation with PIR, LED lighting, and timer controlled heating.

All residual electricity demand will be met by sourcing a 100% renewable energy supplier.

Decarbonise – Switching:

- To electric vehicles fleet. Installing EV charging points on site.
- Diesel to Biofuel (HVO) run generators c/w battery storage
- Encouraging the use of electrical powered machinery

Reduce printing by introducing electronic systems, e.g. Docusign, Electronic drawing and quality software systems

Minimise waste, promote recycling and the use of recycled products to help reduce the waste to landfill, e.g. design out waste

How will this be achieved at Head Office?

Installation of solar photovoltaic system across the Russell WBHO HQ roof, capable of generating 22MWh electricity per year.

Reduction in lighting energy consumption through installation of dimming controls and infrared sensors.

Decreasing run time of Heating, Ventilation, and Cooling (HVAC) systems gradually from 14 hours to 8 hours over an 8 year period.

All residual electricity demand will be met by sourcing a 100% renewable energy supplier.

Decarbonise – Switching to electric vehicles fleet. We have already installed 10no. EV charging points.

Reduce printing by introducing electronic systems, e.g. Docusign, Electronic drawing and quality software systems

Minimise waste, promote recycling and the use of recycled products to help reduce the waste to landfill

Figure 3: GHG Emission Reduction Initiatives

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 standard¹³ and uses the appropriate government emission conversion factors for greenhouse gas company reporting.¹⁴

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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.¹⁵

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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Name: Leo Frechou

Head of Environmental and ISO – Russell WBHO

Date: 24/06/2026

¹³ <https://ghgprotocol.org/corporate-standard>

¹⁴ www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

¹⁵ <https://ghgprotocol.org/standards/scope-3-standard>