

# Carbon Reduction Plan

## Richard Wolf UK Ltd

Richard Wolf UK Ltd is committed to achieving net zero emissions by 2045 when we plan to have reduced our emissions by 90%.



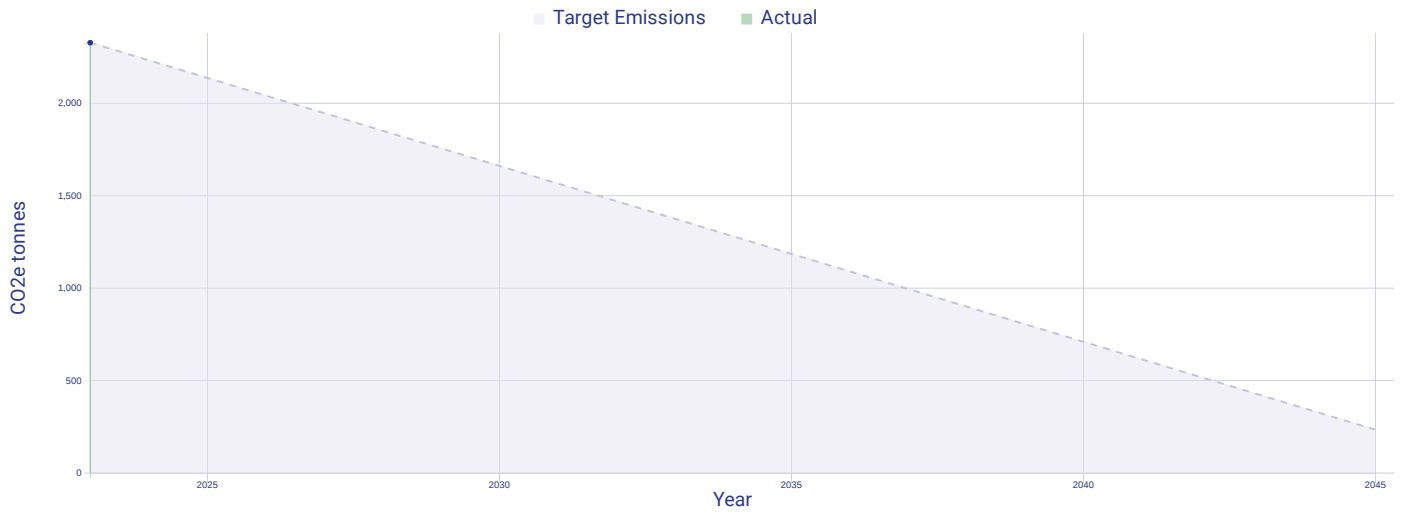
## Baseline Emissions Footprint vs Current Emissions Footprint

Baseline emissions are a record of the greenhouse gasses 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.

Emission Scope	Baseline Emissions, 2023 (tonnes CO2e)	Current Emissions, 2023 (tonnes CO2e)
<b>Scope 1</b>	<b>13.4926</b>	<b>13.4926</b>
<i>Energy Purchased (Sites, Other Emissions)**</i>	13.3325	13.3325
<i>Company Cars (Company Cars, Other Emissions)</i>	0.1601	0.1601
<i>Delivery Vehicles (Delivery Vehicles, Other Emissions)</i>	0.0000	0.0000
<i>Air Conditioning / Refrigerants (Other Emissions)</i>	0.0000	0.0000
<b>Scope 2</b>	<b>9.5768</b>	<b>9.5768</b>
<i>Electricity (Sites, Other Emissions)**</i>	9.5768	9.5768
<b>Scope 3</b>	<b>2,301.7744</b>	<b>2,301.7744</b>
<i>Purchased Goods and Services (Sites, Other Emissions)**</i>	0.0274	0.0274
<i>Capital Goods (Other Emissions)</i>	0.0000	0.0000
<i>Fuel &amp; Energy Related Activities (Other Emissions)</i>	0.0000	0.0000
<i>Upstream Transportation &amp; Distribution (Freighting Goods (Upstream), Other Emissions)</i>	156.2861	156.2861
<i>Waste Generated in Operations (Waste Disposal, Other Emissions)</i>	1,858.4130	1,858.4130
<i>Business Travel (Hotels, Air Travel, Public Transport &amp; Hire Cars, Employee Owned Vehicles, Company Cars, Other Emissions)</i>	68.6073	68.6073
<i>Employee Commuting (Home Working, Employee Commuting, Other Emissions)</i>	6.4037	6.4037
<i>Upstream Leased Assets (Other Emissions)</i>	0.0000	0.0000
<i>Downstream Transportation &amp; Distribution (Freighting Goods (Downstream), Other Emissions)</i>	212.0369	212.0369
<i>Processing of Sold Products (Other Emissions)</i>	0.0000	0.0000
<i>Use of Sold Products (Other Emissions)</i>	0.0000	0.0000
<i>End of Life Treatment of Sold Products (Other Emissions)</i>	0.0000	0.0000
<i>Franchises (Other Emissions)</i>	0.0000	0.0000
<i>Investments (Other Emissions)</i>	0.0000	0.0000
<b>Total</b>	<b>2,324.8438</b>	<b>2,324.8438</b>
** Generated from renewable sources	0.0000	0.0000
* includes WTT		

## Carbon Reduction: Projected vs Actual

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next years to 232.4844 by 2045 this is a reduction of 90%



## Additional Details About our Emissions and Targets

Year	Comments
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# Carbon Reduction Projects

The following environmental management measures and projects are currently in progress or have been completed since the 2023 baseline.

## Actions In Progress

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### Car Fleet Emissions

**Target Completion Date:** 01/01/2027

**Objective**

To reduce the average overall CO2 emissions of the company car fleet

**Target**

To calculate the baseline for 12 months by 2023 To reduce by 10% by 01/01/2027 \*Measured by per employee average reduction Emissions of cars driven by employees to be less than 93.6g/km by 2029 Encourage the use of hybrid and fully electric vehicles

**Action, Improvement or Control**

Educate employees on maintenance of their vehicles and raise awareness on fuel efficiency. Install electric car charging stations - complete

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### Use of Recycled Paper

**Target Completion Date:** 01/01/2026

**Objective**

To change to recycled paper

**Target**

25% of all paper used to be recycled in 2026

**Action, Improvement or Control**

Purchase recycled paper wherever possible Discuss Review supplier options Add a comment on customer letters that this is a company initiative.

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### Use of Heating

**Target Completion Date:** 01/01/2027

**Objective**

To reduce amount of energy used for heating by the organisation

**Target**

To reduce energy used by 15% in 2027 (aggregated electricity bill)

**Action, Improvement or Control**

To review and consider reducing thermostat temperatures. Ensure not running heating when areas are unused. Ensure boilers serviced regularly and maintained. Reduce to stop use of electric fan heaters, to replace with oil filled heaters

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## Electricity - Lighting, Air conditioning and general use

Target Completion Date: 01/01/2027

### Objective

To reduce the amount of energy used by the organisation in relation to lighting, air conditioning and general office use

### Target

To calculate the baseline for 12 months by 2023 To reduce amount of electricity used by 10% by 01/01/2027

### Action, Improvement or Control

Posters reminding to turn off lights, computers and other electrical items up in office. Timers on lights in bathrooms and other appropriate spaces Change all lighting to energy saving alternatives Replace high energy rated appliances with lower energy rated versions Motion sensors for lighting in hallways and other appropriate areas Sensible use of air conditioning at an agreed ambient temperature not used in conjunction with windows being open

## Transportation - Receiving and delivery of goods

Target Completion Date: 01/01/2026

### Objective

Use the lowest impact transport method available

### Target

tbc

### Action, Improvement or Control

To request environmental policies from delivery companies used. Encourage and incentivise customers to bulk buy and order efficiently Change to lower emissions transportation options eg couriers who use electric vehicles, use shipping not air freight

## Generation of General Office Waste

Target Completion Date: 01/01/2027

### Objective

To reduce total amount of waste

### Target

Reduction of 10% in 2027

### Action, Improvement or Control

Recycling posters Recycling bins/facilities available Eliminate single use items Reduce - reuse - recycle policy

## Use of Water

Target Completion Date: 01/01/2026

### Objective

To reduce water wastage

### Target

To reduce water usage by 1-5% by 2026

### Action, Improvement or Control

To ensure taps are always switched off Ensure the toilets are in good working order with water saving devices fitted Use of pressure button controlled water fountain, with immediate stop of flow

## Business Mileage (private vehicle)

Target Completion Date: 01/01/2027

### Objective

To calculate the business mileage done by employees and reduce

### Target

To calculate the baseline for 12 months by 2023 To reduce average business mileage by field employee business mileage by 15% by 01/01/2027

### Action, Improvement or Control

Increase number of virtual meetings Encourage car sharing Increase use of public transport Educate employees on maintenance of their vehicles and raise awareness on fuel efficiency. Review feasibility of a salary sacrifice scheme for electric vehicles Reduce area geographical size

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## Completed Actions

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## Declaration and Sign Off

This carbon reduction plan has been completed in accordance with PPN 06/21 and the 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 GHC 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).

**Ben Greaves**



Signed on behalf of the Supplier

**General Manager**

Job Title

**24/10/24**

Date

*The methodology used to calculate the organisation's greenhouse gas emissions in this report is based on:  
<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>*

*1. <https://ghgprotocol.org/corporate-standard>*

*2. <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>*

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