

Carbon Reduction Plan

Publication Date: November 2023

R. D. JUKES & Co Ltd are committed to achieving Net Zero emissions by 2050

We are currently working to develop a full implementation plan which will allow us to bring this target further forward. All emissions reported and future plans include the entities under operational control.

Baseline Year: to 1st May 2020

Additional Details relating to the Baseline Emissions calculations.

R.D. JUKES & Co Ltd have had a Quality Management System accredited to ISO9001 standard since 1998 and in 2007 we added an Environmental Management System accredited to ISO14001, followed by our Health Safety Management System in 2008. All systems are combined into an integrated Quality, Health, Safety and Environmental management system [QUENSH] We have been collecting emissions data for office utilities and monitoring vehicle / driver performance in line with our QUENSH management systems since 2007.

Mileage, fuel use, emissions and environmental driving performance of all drivers is monitored via the TOMTOM which changed from Greener Fleet tracking system in 2014.

We have vehicle mileage records since 2020 to enable calculations for reporting of CO2 emissions Note – 2 company cars not fitted with TOMTOM tracker hence approximate mileage of 15K in total.

Solar Panels, LED lighting and energy efficient lighting controls are already fitted throughout our offices.

Acquisition of raw materials for use in R.D. Jukes Installations is generally driven by customer requirements in terms of product quality, specification and price. We do wherever practicable give influence on recommending energy efficient fittings to the client.

Baseline year emissions: 2020

EMISSIONS	TOTAL (tCO2e)
Scope 1	19.41
Scope 2	16.44
Scope 3 (Included Sources)	Not included
Total Emissions	35.85 (Excluding Scope 3 Emissions)

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Current Emissions Reporting

Reporting Year: 2022

In 2022 we have replaced / upgraded most of our commercial vehicle fleet and it is our goal to replace other vehicles within our fleet with more efficient / hybrid or full electric vehicles.

Move to agile working that has resulted in reduction of company business travel and commuting
Staff encouraged to use video conferencing where possible.

In compiling our figures we have assumed a 25% to landfill estimate (on non-recycling items), whilst we start collating data from our waste handling partners.

Use of paper/cardboard (resource use). Cardboard packaging materials are placed in the designated cardboard waste bin which is collected weekly, as are separate collections for paper shred bins, printer toner cartridges, batteries, waste copper cable and although we have consignments notes we have not yet started to fully collate data from these sources.

It should also be noted that we have not included the following into our scope 3 emissions at present for future comparison:

- Purchased Goods and Services
- Capital Goods
- Fuel & Energy not in Scope 1 or Scope 2
- Processing of sold products
- Use of sold products
- End of life treatment of sold products
- Investments

Downstream transportation of raw materials, finished goods and plant. (Indirect Control) Reliant on the efficiency of vehicles used by our suppliers moving product around and delivering to client sites. Where R.D. JUKES & Co Ltd vehicles are used, this will be accounted for within scope 1 values

It should also be noted that we have not included the following into our scope 3 emissions at present for future comparison:

- Purchased Goods and Services
- Capital Goods
- Fuel & Energy not in Scope 1 or Scope 2
- Processing of sold products
- Use of sold products
- End of life treatment of sold products
- Investments

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	25.94
Scope 2	15.39
Scope 3	10.33 (25% TO LANDFILL ASSUMED)
(Included Sources)	Business Travel – 0
	Employee Commuting – 49.993
	Downstream Transportation – 105.72
	Upstream Transportation – Included in Scope 1 Emissions
Total Emissions	51.66

Emissions reduction targets

The following quality, environmental and safety objectives for 2023/24 have been set. Management and staff at all levels throughout R. D. Jukes & Co. Ltd., have an important vital role to play in assisting in their achievement:

- To successfully maintain certification to BS EN ISO 14001:2015 in December 2022 with no major non-conformances being raised. Ongoing internal and external audits to ensure we are still compliant and showing continuous improvement
- To continue to evaluate driver / vehicle performance analysis using 'TomTom' Webfleet software.
- Collate more accurate data on energy usage, waste disposal and set objectives for improvement.
- To continue to improve on company environmental awareness of all staff.
- To reduce paper purchasing, which in turn reduces paper consumption, which in turn saves recycling and below a minimum of 10 trees per annum by the effective implementation of R.D. Jukes & Co. Ltd waste paper recycling programme.
- To continue to monitor and reduce resource use (electricity, gas & water) within R.D. Jukes & Co. Ltd head office and now to monitor PV generation of electricity.
- We will work with procurement to understand how to better embed environmental sustainability in processes and contract terms and conditions; and ensure that our supply chain are able to demonstrate their commitment to achieving net zero by 2050.
- We will be investigating options for switching energy suppliers or tariffs to 'green' energy and be installing EV charging points for the changeover to electric vehicles.
- We will investigate the implementation of a fully electric vehicle lease scheme for staff.

The achievement of these objectives will be routinely analysed by management throughout the year.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³. This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

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Signed:
Julian Jukes
Managing Director

Date: 13th November 2023