

Carbon Reduction Plan

Supplier name: **R.J. Dance (Contractors) Limited**

Publication date: **31st March 2023**

Commitment to achieving Net Zero

R. J. Dance (Contractors) Ltd remains 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: (Year ended 31st October 2021)

Details relating to the Baseline Emissions calculations.

The financial year ended 31st October 2021 was selected as the Baseline for future measurement and monitoring of performance. A number of internal data sources were applied in capturing relevant information including use of financial records. We have adopted best industry practice and, as far as possible, have complied with the Greenhouse Gas Protocol's Corporate Accounting & Reporting Standard. The information contained within this Plan has used data and calculations to the best of our knowledge and, as far as is practicable, is representative and provides a reasonable assurance of the required emission figures. Should our continual process of improvement result in material changes to data reported, we may retrospectively recalculate reported figures to reflect a more accurate corrected position.

Notes relating to Data Reported.

Scope 1 emissions : Consists of emissions arising from the Company fleet of vehicles and operation of plant, equipment and tools.

Scope 2 emissions: No electricity, heat or cooling is purchased at on-site operations. Tools and equipment batteries are recharged by portable site generators or within Company premises.

Scope 3 emissions:

Upstream transportation - Data includes the transportation round trip deliveries of materials, hired-in plant and enabling items from external providers and also includes sub-contract work force travel where site workplaces vary in locations & duration and consequently some averaging is applied.

Waste generated – All waste materials are recovered for reuse recycling using Company vehicles. Contractors are engaged to dispose of welfare and non-recyclable packaging to licensed processing facilities.

Business travel – Not relevant as no business travel undertaken other than in Company vehicles.

Employee commuting – Account has been taken of staff who are not full-time.

Downstream transportation – Not applicable to the Company.

Baseline Year Emissions: 31 st October 2021		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	10,211	
Scope 2	92	
Scope 3		
Upstream Transport	977	
Waste Generated	227	
Business Travel	0	
Employee Commuting	512	
Downstream Transport	0	
Total Scope 3		1,716
Total Emissions	12,019	

Current Emissions Reporting

Reporting Year: 31 st October 2022		
EMISSIONS	TOTAL (tCO ₂ e)	
	TARGET	ACTUAL
Scope 1	9,803	8,940
Scope 2	88	54
Scope 3		
Upstream Transport	938	1991
Waste Generated	218	2
Business Travel	0	0
Employee Commuting	491	330
Downstream Transport	0	0
Total Scope 3	1,647	2,323
Total Emissions	11,538	11,317

Progress achieved

The year 21/22 saw the diminishing effects of the coronavirus pandemic followed by difficulties encountered with various supply shortages. Despite these factors the Company's activity rate increased against the 20/21 Base Line by some 10%. This increase together with the spread and mix of work impacted upon a higher sub-contract labour resource and resulting travel (shown within Scope 3). However, due to focused efforts to further optimise logistics (as reflected by Scope 1 reductions) coupled with operational economies (within Scope 2), we succeeded in achieving an overall **6% decrease of tCO₂e against the Base Line** representing a **2% improvement against the 4% target** projected for the year.

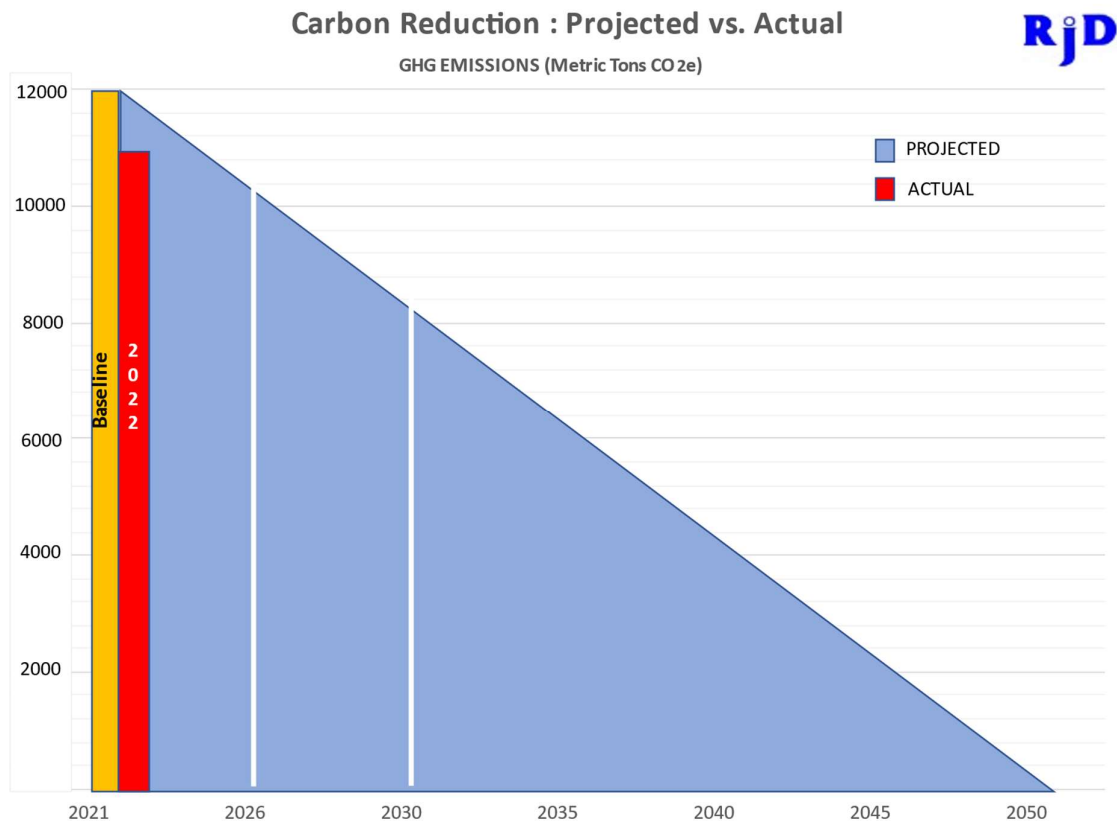
Whilst beyond the boundary of CRP reporting, it is appropriate to highlight that R.J. Dance contract works entail highway infrastructure improvement, repair and maintenance, the outcome of which enhances road safety and traffic flow efficiency thus contributing to overall reductions in greenhouse gasses and wider environmental pollution.

Emissions reduction targets

We intend to energetically pursue our progress to achieving Net Zero by adopting the following carbon reduction targets.

We project that carbon emissions will decrease to **10,300 tCO₂e by 2026** and **8,300 tCO₂e by 2030**. These are reductions of **14%** and **30%** against our Base Line respectively.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or progressed since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to **702 tCO₂e, a 6% reduction during 2022** against the 2021 baseline and the measures will be in effect when performing our contracted works :

Status of Reduction Programmes 2021/22	
Planned Initiative	Outcome
Continued transition to hybrid, plug-in hybrid and electric light vehicles.	Five new hybrid replacement vans were brought into operation.
Installation of electric vehicle charging points at our premises.	To proceed once there is electric vehicle demand for such charging facilities.
Progressive roll out on-site material recycling processing where possible.	Reuse of material on-site is being extensively implemented as far as is practical.
Investigate hydro-treated vegetable oil fuel conversion as a substitute for diesel.	Given vehicle modification, operating costs and refuelling limitations there is no economic case at present.
Enhanced building efficiency measures and awareness e.g. additional LED lighting upgrades.	Savings are being made on premises energy efficiency.
Maintenance of Certification Body audit record of no findings relating to our ISO 14001 Business Management System components.	Our BMS was subject to an annual surveillance audit by our Certification Body in the Autumn and continued ISO 14001 Registration confirmed.
Working towards the Science Based Targets Initiative target validation.	As an alternative we have signed up to the University of Brighton's Green Growth Platform.
Invest in solar panels for offices and solar charging of batteries.	Some half of our Brighton office electricity supply is supported by solar generation which has also been used for fuel dispensing.
Additional Initiatives	Outcome
Installation of an Asphalt Hot Box.	Enabling preservation against material degradation as well as significant saving in asphalt collection mileage and waiting times.
Improved logistic planning.	Solid progress was made in efficiency gains in vehicle and plant deployments.

A number of future ongoing further carbon reduction measures are planned such as:

Forward Planned Reduction Programmes
Further electrification or other zero carbon technology of vehicles.
Switch all suitable items of operational plant, tools and equipment to battery power when becoming available.
Decrease in vehicle use and times due to improvements in mapping systems.
Combining of types of works at the same time along the same highway section.
Seek and evaluate emerging sustainable carbon neutral material alternatives.
Procurement of electricity generated from renewables and non-fossil fuels once turbulence within supply markets has eased.
Engaging the supply chain to significantly reduce our Scope 3 carbon emissions.
Organisation of bulk materials deliveries to reduce frequency of travel.
Continued the active promotion of carbon reduction communication, awareness, participation and training.

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.

Signed on behalf of the Supplier:

Signed 
Jamie Larler – CEO

Dated: **31st March 2023**