



Carbon Reduction Plan

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Introduction

Krol Corlett Construction Ltd operations span construction, infrastructure, utilities, housing maintenance and property development. Our journey to Net Zero and Associated Carbon Reduction Targets and Action Plans will be structured in line with our core business operations and bidding entities

The Krol Corlett Construction Ltd financial year starts on 1st April to 31 March; our carbon reporting has been aligned to this reporting cycle since financial year 2020/21. The current reporting period covered by this plan is 1st April 2021 to 31 March 2022.

Our Purpose

Our purpose is to sustainably deliver projects which is vital to our Clients and the United Kingdom. We are a provider of infrastructure services, construction and property developments and committed to delivering for communities and leaving lasting legacies through our work.

At the core of our project delivery is technical excellence, wherever we are able utilising the latest building methods, innovations and technology to ensure we offer the best value for our Clients.

We have only recently recorded and reported greenhouse gas emissions through voluntary and schemes however we now are fully committed to recording and reporting greenhouse gas emissions annually from here on in. Throughout this Carbon Reduction Plan, “carbon emissions” refers to all greenhouse gas emissions (CO2 equivalent / CO2e).

We have set a target to reduce scope 1 and 2 carbon emissions intensity by 10% by end of 2022/23, with a 15% reduction to be achieved by 2025. Our target is to reduce energy and fuel use by 30% by 2030 based on the 2020/21 baseline.

1. Reporting Standard and Scope

Our Safety and Assurance Consultants have undertaken a series of quality assurance checks in line with industry best practice to ensure the Greenhouse Gas statements are as accurate as possible.

The process follows of the principles of ISAE 3410, Assurance Engagements on Greenhouse Gas Statements standard, but is not a formal assurance to that standard at this time. It is undertaken to ensure that the statement is considered materially correct, a fair representation of the Greenhouse Gases emitted and is prepared in alignment with the Greenhouse Gas protocol and the relevant scope of activities of Krol Corlett Construction Ltd.

Our current carbon footprint accounts for carbon emissions over which the Company has financial control.

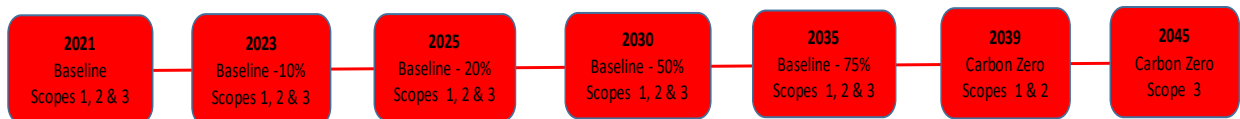
2. Commitment to Achieving Net Zero

Krol Corlett Construction Ltd is committed to achieving net zero carbon emissions by 2045.

We are referring to our Scope 1 and 2 Carbon Emissions as our Business Operations Carbon, as it relates to our Company’s own use of energy for our own operations therefore is under our control.

Given this we will achieve net zero for scope 1 and 2 by 2039. We are aiming to achieve this target without offsetting.

We will achieve Net Zero across our Value Chain Carbon (Scope 3) by 2045. As part of our journey to Net Zero we will achieve a number of interim targets as detailed below.



3. Baseline Emissions Footprint

Krol Corlett Construction Ltd herein confirm that our Baseline year is 2020/21. As this is our first reporting period the following information relates to data collected reflective of our current business structure and operations and provides a robust base from which to measure improvements.

Additional Details Relating to the Baseline Emissions Calculations

The Baseline Emissions calculations relate to our own activities only and do not include the emissions resulting from the activities of our Supply Chain and Subcontractors.

Current measures include Scope 1 and 2 Emissions and a subset of Scope 3 Emission including Some construction materials used and Waste. We are, now, putting in place the systems and processes to capture the remaining scope 3 elements.

The following information is the best currently available. Through 2022/23, as our Net Zero Strategy and Associated Action Plan is developed, and implemented, the volume of measurement will increase significantly. It is highly likely that the total emissions for 2022/23 will be significantly higher than 2021/22. On this basis we will review, in early 2023 with the possibility of revising the baseline year.

Baseline Year Emissions	
Emissions	Total (tCO2e)
Scope 1	71.53
Scope 2	3.99
Scope 3	<p>470.58</p> <p>Includes Scope 3 Categories:</p> <p>4 – 313.87</p> <p>5 – 146.37 (Recycled Skip Waste)</p> <p>6 – 3.76</p> <p>7 – 6.58</p> <p>9 – N/A</p> <p>from (PPN) 06/21.</p>
Total Emissions: 545.10	

Current Emission Reporting

First Reporting Year Emissions	
Emissions	Total (tCO2e)
Scope 1	65.57
Scope 2	8.22
Scope 3	<p>832.34</p> <p>Includes Scope 3 Categories:</p> <p>4 – 563.4</p> <p>5 – 262.76 (Recycled Skip Waste)</p> <p>6 – 1.78</p> <p>7 – 4.40</p> <p>9 – N/A</p> <p>from (PPN) 06/21.</p>
Total Emissions: 906.13	

There is an increase of 53% in Carbon Emissions from the Baseline figure of 2020/21 this is due to:

- Covid Pandemic and the subsequent downturn in projects during 2020/21.
- An increase in Office Accommodation Areas in 2021/22
- Increase in Projects in 2021/22

We have achieved a slight reduction of 8.33% in total tonnes CO2e from our 2020/21 Scope 1 Baseline Figure, through the purchase of 5 Electric Vehicles, also giving reductions in the Scope 3 Business Travel and Employee Commuting figures.

It is recognised that the Covid pandemic will possibly still have an impact on later figures, however Krol Corlett Construction Ltd was fortunate to be able to work through the pandemic.

No figures have been normalised despite the Turnover/Projects increasing during 2021/22 and Employee figures remained the same for both the Baseline and Reporting Period.

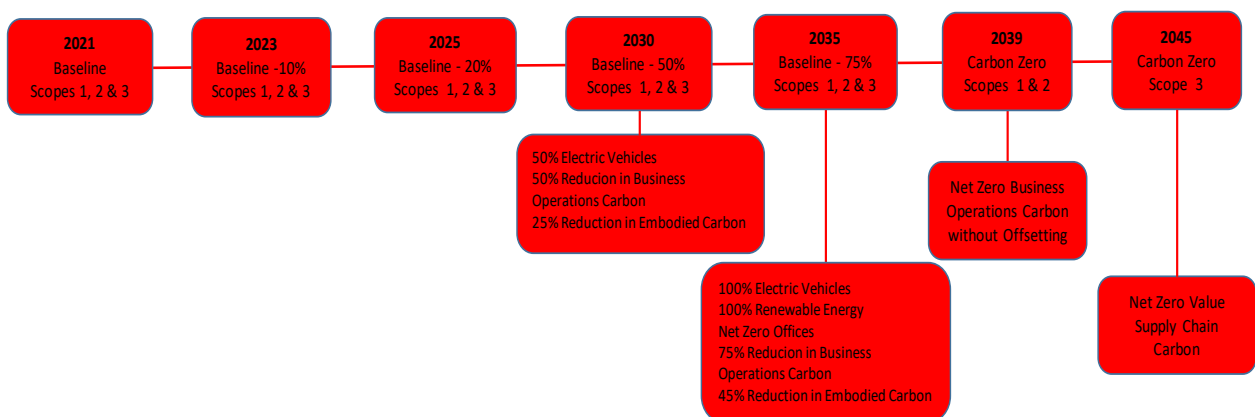
There may be some adjustment to figures as more information relating to embodied carbon emissions from materials become more readily available and recording processes are improved.

4. Existing Reduction Targets

Krol Corlett Construction Ltd overall approach to achieving Net Zero Carbon follows a four - step process:

- Review - Assess and improve processes, tools and systems for carbon emission data collection
- Reduce - Implement energy and carbon reduction and efficiency measures to reduce energy
- Renew - Identify and implement measures to increase generation and use of renewable energy
- Rebalance - Offset the remaining balance of carbon following reduce and renew measures (with restrictions)

In 2020/21 we began our journey to net zero, which plot the target dates reductions we will make to achieve net zero carbon by 2045:



In addition, the following targets are measured and reported annually:

Objective	Target
Reduce Waste and Divert Waste from Landfill	Waste to Landfill max 1% of Total Waste (i.e. 99% diverted from Landfill)
Reduce Diesel Fuel Consumption for Site Office Power Provisions, Plant & Machinery	5% Reduction of Fuel Use against a Comparable Project
Reduce Grid Electricity Consumption for Head Office Power Requirements	5% reduction of electricity used per Head against a Previous Year
Reduce Vehicle Fleet Fuel Consumption	3% Reduction in Fleet Fuel Consumption Normalised Against Turnover

5. Carbon Reduction Projects

Krol Corlett Construction Ltd has a detailed Environmental Policy which is fundamental to our business strategy and by implementing this policy we strive to continually improve our ISO14001:2015 Environmental Management System hoping to achieve Certification during the next 2 years.

Our Environmental Management System (EMS) includes policies, standards, guidance and processes to identify and reduce environmental impacts, including carbon emissions. During the next 2 years we are looking at further developing the following elements of our EMS:

- Energy and Carbon Reporting Standard & Guidance
- Carbon Glossary
- Climate Change Risk Management Process

Environmental Management Planning as an ISO14001:2015 Certified Company our Business, and individual site, operations are delivered under formal Environmental Management Plans. In applying these, third-party audited, Management Plans we focus on, but not limited to, the following key areas:

Local sourcing – Applying our ‘Buy local – Use local’ policy to maximise the volume of business and works packages that can be placed with Local Businesses. Using Local Businesses and Suppliers naturally reduces the CO2 emissions in the delivery of our works. This same policy also focusses our efforts on the recruitment and training of local people. Collectively this approach supports our Corporate Social Responsibility Policy and maximises the Social Value returned to the communities in which we operate.

Maximising the Recycling, Recovery and Re-use of Materials – The measurement and analysis of our current projects identifies a number of best performing projects delivering recovery and recycling rates of 98.5%. We work closely with our Clients and Designer through Design and Value Engineering workshops/reviews we work hard to maximise the Recycling, Recovery and Re-use of Materials.

Maximising the use of materials with a high recycled content – working with our Clients/Design Teams to review specifications and identify suitable alternative materials with a high recycled content. Additionally, in support of the Circular Economy reviewing materials selections to identify products that, at end of life, can be re-used and recycled

Vehicles and Fleet

Vehicles and Fleet over the next five years the Company is looking at procuring more new low emissions vehicles (Electric, Self-charging and Plug-in Hybrids) to add to the fleet and switching to Life Cycle Costings for the Company Car List. Encourage the take up of low-emission vehicles by Staff and Employees, by installing more EV Charging Points at the Main Office.

Other Carbon Reduction Plans Include:

- Implement Campaign on Carriage of Unnecessary Equipment
- Programme of Tyre Replacement to Improved Standards
- “No idling” Policy
- Move Small Tools to Battery Powered Equivalents
- Mandate use of LED Lighting Towers
- Trial Hydro-Treated Vegetable Oil (HVO) Fuel on Relevant Contracts and Include as Costed Option.

- Utilisation of Zero CO2 Welfare Units
- Trial Electric Plant and Equipment
- Crush Arisings and Use at Source Whenever Possible

6. Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with Public Procurement Notice (PPN) 06/21 and its Associated Guidance and Reporting Standard for Carbon Reduction Plans.

Measurement of emissions follows the Greenhouse Gas Protocol for all scopes.

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 Streamlined Energy and Carbon Reporting (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 for and on behalf of Krol Corlett Construction Ltd:

Dan Tebay

Managing Director

A handwritten signature in black ink, appearing to read 'Dan Tebay', is written over a horizontal line.

July 2024