KORI

Carbon Reduction Plan

Supplier Name: Kori Construction Limited

Publication Date: April 2023

Commitment to achieving Net Zero

Kori Construction Limited is committed to achieving Net Neutral Carbon emissions by 2030 and Net Zero emissions by 2050 at the latest.

Our Carbon Reduction Plan:

- Details our organisational carbon footprint.
- Confirms our commitment to achieving Net Zero by 2050 and Carbon Neutrality by 2030.
- Meets the reporting requirements set out in PPN 06/21.
- Will be updated annually.

- Is published and clearly signposted on our website.
- Has been approved by our Board of Directors.
- Demonstrates a clear commitment to reduce emissions.
- Is aligned to our existing Corporate Social Responsibility and Environmental Management Strategies.

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: 01 April 2021 to 31 March 2022
Additional Details relating to the Baseline Emission Calculations:
Financial Year 2021/22 is the baseline year for future reporting of GHG emissions covering Scopes 1, 2 and 3. The carbon emissions detailed within this Carbon Reduction Plan have been calculated in accordance with the GHG Corporate Accounting & Reporting Standard and the GHG Protocol Scope 3 Technical Guidance. The Operational Boundary has been set using the Financial Control approach. A 'Location Based' approach has been used to calculate our Carbon Footprint. Scope 3, Category 9 'Downstream transportation and distribution' emissions are not applicable to Kori Construction Limited and therefore not included within the following calculations. The figures and information used in calculations have been provided as accurate to the best of our knowledge and are representative of our entire business operations. We undertake a continual process of improving our data quality and in the case that we identify any material changes, we may recalculate the data in the future.

Baseline Year Emissions:	
EMISSIONS	**TOTAL (tCO₂e)**
Scope 1	**136.67**
Scope 2	**28.33**
Scope 3 (Included sources: Categories 4, 5, 6 & 7)	**194.41** 4 - Upstream Transportation and Distribution: 45.05 5 - Waste Generated in Operations: 18.25 6 - Business Travel: 111.86 7 - Employee Commuting: 13.68
Total Emissons	**359.41 tCO₂e**

Current Emissions Reporting

Reporting Year: 01 April 2022 to 31 March 2023	
EMISSIONS	**TOTAL (tCO₂e)**
Scope 1	**161.29**
Scope 2	**39.92**
Scope 3 (Included sources: Categories 4, 5, 6 & 7)	**181.86** 4 - Upstream Transportation and Distribution: 36.21 5 - Waste Generated in Operations: 22.22 6 - Business Travel: 102.86 7 - Employee Commuting: 15.80
Total Emissions	**383.06 tCO₂e**

Whilst there has been a 6.58% increase in our overall carbon footprint from our baseline year, in order to reflect growth changes within our business we have adopted the following intensity ratios to normalise and compare emissions over time:

Reporting Year:	2021/22	2022/23	
◾ tCO₂e per Employee	6.11	6.18	↑ 1.05%
◾ tCO₂e per £million Turnover	8.25	5.75	↓ 30.32%

Emissions Reduction Targets

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

- Commitment to a Net Carbon Neutral Target by 2030 (Scope 1 and 2)
- Commitment to a Net Zero Carbon Target by 2050 (Scope 3)

We project our carbon emissions will decrease over the next five years to 118.276 tCO_2e by 2028/29. This is a reduction of 67% based on the 2021/22 baseline year emissions.

In determining our carbon reduction approach, we have adopted the following Greenhouse Gas (GHG) Management Hierarchy set out by the Institute of Environmental Management and Assessment (IEMA):

1. **Eliminate:** Influence decisions and actions to prevent emissions via property strategy, IT, procurement, design, operations, travel and green energy procurement.

2. **Reduce:** Seek opportunities for real and relative reductions in carbon and energy. Seek efficiency in operations, processes, fleet, energy management and behaviour change. Optimise approaches using technology and digital as enablers.

3. **Substitute:** Adopt and enable renewables and low carbon technologies on sites and in transport. Switch purchased goods and services with lower embodied or embedded emissions.

4. **Compensate:** Compensate 'unavoidable' residual emissions through mechanisms such as carbon offsets. Investigate value chain, asset sharing and carbon credits. Support local climate change actions.

Kori Construction Limited is committed to prioritising the elimination, reduction and substitution of carbon in advance of any offsetting commitments.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

As an ISO 14001 certified organisation, environmental management is integrated into our management systems and business processes which are utilised in our service delivery.

The following environmental management measures and projects have been completed or implemented since the 2021/22 baseline:

- In 2022 Kori Construction Limited's environmental management system was successfully recertified to ISO 14001:2015.

- We achieved a milestone of 33% of our fleet being converted to Electric Vehicles in September 2022.

- We commenced updating our infrastructure during 2022, which included installing electric charging points at our head office and the installation of Smart Meters at all site locations to actively monitor energy consumption.

- We partnered with national waste management specialist, Recycling Lives, to implement a high standard of waste prevention and waste segregation to increase recycling across all projects to support our target to achieve zero waste to landfill by 2030.

- Promoting the use of technology to reduce business travel.

Future Carbon Reduction Initiatives

In the future we intend to investigate implementing further measures such as:

- Eliminate the use of fossil fuels to power construction plant by introducing biodiesel/HVO across all projects.

- Transition the entire fleet to low or zero carbon vehicles.

- Implement a hybrid working policy to reduce emissions from commuting.

- Elimination of carbon emissions through further energy efficiency reductions and the procurement of 100% green energy.

- Deployment of training and awareness programmes to demystify carbon reduction throughout our business, customer base and supply chain.

- Working closely with our supply chain to assist and influence carbon reduction throughout the value chain.

- Use of local offsetting projects for residual emission sources that we are unable to immediately decarbonise, whilst continuing to explore suitable elimination/reduction opportunities.

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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

Scope 1 and 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[3].

This Carbon Reduction Plan has been reviewed and signed off by Jordan Connachie, Managing Director, on behalf of the Board of Directors.

Signed on behalf of the Supplier:

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Jordan Connachie, Managing Director
Kori Construction Limited

Date: 13 April 2023

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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