



# CARBON REDUCTION PLAN

## Knights Brown Construction Ltd

### September 2022

#### COMMITMENT TO ACHIEVING NET ZERO

Knights Brown is committed to achieving net zero emissions by 2050.

#### BASELINE EMISSIONS FOOTPRINT

Baseline year: 2020

#### Additional details relating to the baseline emissions calculations:

There was no report prior to 2020. Our first disclosure was made following the implementation of the Government's policy on Streamlined Energy and Carbon Reporting (SECR), which came into force on 1 April 2019.

As a large unquoted company, our SECR disclosure is made in accordance with HM Government Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance (March 2019). It does not legally require us to report Scope 3 emissions, however, we have been voluntarily reporting a small subset of these covering the private use of vehicles.

Following the release of PPN 06/21 and the introduction of the additional requirement to report five of the 13 Scope 3 categories in this carbon reduction plan, our approach for each category is as follows:

Scope 3 category	Current position	Aspiration
4. Upstream transportation and distribution	Partial records available. Communication of new reporting requirement to supply chain.	Reporting requirement to be made universal. Data to be collated. Emissions to be included in 2024 SECR disclosure.
5. Waste generated in operations	Substantial records available. Communication of new reporting requirement to supply chain.	Reporting requirement to be made universal. Data to be collated. Emissions to be included in 2023 SECR disclosure.
6. Business travel	Comprehensive records available. Data to be collated.	Emissions to be included in 2023 SECR disclosure.
7. Employee commuting	Comprehensive records available. Data to be collated.	Emissions to be included in 2023 SECR disclosure.
9. Downstream transportation and distribution	N/A Our services are not transported or distributed.	N/A



### BASELINE YEAR EMISSIONS

Reporting year: 2020

Emissions	Total (tCO <sub>2</sub> e)
Scope 1	3,205.32
Scope 2	42.70
Scope 3 (Private use vehicles only)	128.94
<b>Total emissions</b>	<b>3,376.96</b>

### CURRENT EMISSIONS REPORTING

Reporting year: 2022

Emissions	Total (tCO <sub>2</sub> e)
Scope 1	2,098.80
Scope 2	43.50
Scope 3 (Private use vehicles only)	119.70
<b>Total emissions</b>	<b>2,262.00</b>

### EMISSIONS REDUCTIONS TARGETS

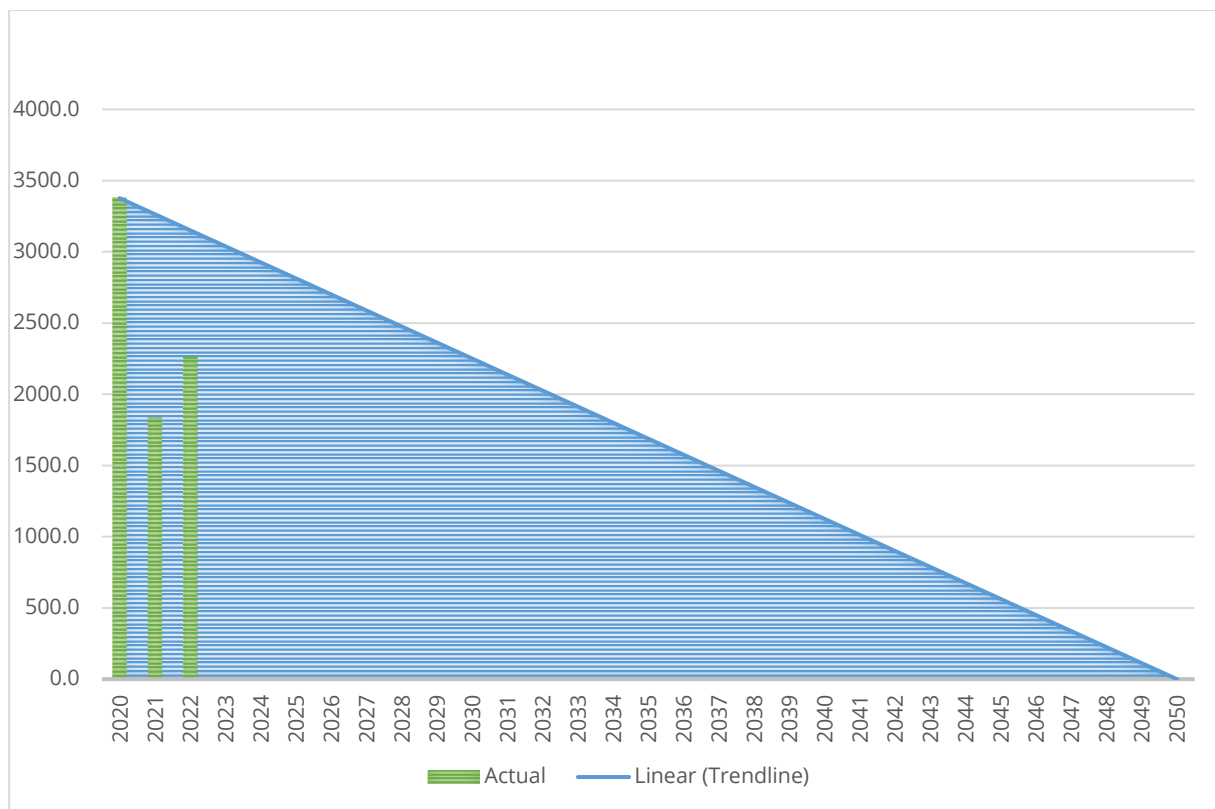
To continue our progress to achieving net zero, we have adopted the carbon reduction near term target set out below.

**Knights Brown is committed to reduce absolute Scope 1 and Scope 2 GHG emissions by 42% by 2030 from a 2020 base year, and to measure and reduce Scope 3 emissions.**

We project carbon emissions will decrease over the next eight years to 1,958.60 tCO<sub>2</sub>e by 2030. This is a 42% reduction.

Progress against this target can be seen in the graph below:

### CARBON REDUCTION: PROJECTED V ACTUAL



## CARBON REDUCTION PROJECTS

### Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equates to 1,114.9 tCO<sub>2</sub>e, a 33% reduction against the 2020 baseline and the measures will be in effect when performing the contract.

- Goal 13 corporate strategy, responding to the climate and nature emergency.
- Leadership team accountability.
- Science-based reduction target set with SBTi.
- EVs of all grades available on company car list with charging points at two fixed offices.
- Anti-idling campaign to eliminate unnecessary idling by vehicles and machines.
- Solar powered/hybrid generators where mains connection is not possible and increased use of solar/ battery powered alternatives to electric tools and equipment.
- Green travel policy, sustainable procurement policy and best practice sustainable site set up guide.

In the future, further measures we expect to implement include:

- Collaboration with customers and supply chain partners to introduce low or zero carbon alternative materials and working methods.
- Introduction of EVs to commercial fleet.
- All Scope 3 emissions to be measured and fully disclosed.
- A long term (2050) net zero target to be set with SBTi.
- Introduction and roll out of hydrogen powered machines and equipment.
- Internal cost for residual emissions quantified and mitigation fund established.
- Dispersal of fund via high quality interventions with maximum impact to limit climate change and halt nature loss.

### DECLARATION & 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 as far as possible, in accordance with the published reporting standards 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.

Kevin Valentine | Managing Director | Knights Brown Construction Ltd  
September 2022