



# **CARBON REDUCTION PLAN**

**PPN-06/21**

[www.breedongroup.com](http://www.breedongroup.com)

# Carbon Reduction Plan

Supplier name: [Breedon Trading Limited](#)

Publication date: [20 May 2022](#)

## Commitment to achieving Net Zero

Breedon Trading Limited is committed to achieving Net Zero emissions by 2050.

## Baseline Emissions Footprint

Baseline emissions are the reference point against which emissions reduction can be measured.

**Baseline Year: 2021**

### **Additional Details relating to the Baseline Emissions calculations.**

This Carbon Reduction Plan covers the activities carried out by Breedon Trading Limited, a subsidiary of the Breedon Group. The Breedon Trading Limited business was registered in April 2021, at which point it was renamed from the previous entity, Breedon Southern Limited. The Breedon Southern Limited business was combined with two other Breedon owned businesses; Breedon Northern Limited and Pinnacle Construction Limited, to form the business now known as Breedon Trading Limited.

Carbon data has been reported publicly in the Breedon Group Annual reports since 2019, however given the nature of the above restructure, the baseline year adopted for this Carbon Reduction Plan is 2021, the same as the current emissions reporting period.

The methodology applied to our GHG emissions reporting is the 'Greenhouse Gas Protocol Corporate Accounting and Reporting Standard'. Scope 3 emissions reporting utilises the methodology outlined in 'The GHG Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting Standard'. An 'operational control' approach has been taken in relation to the reporting boundary. All Scope 1 and 2 emission sources have been included within the baseline and targets, as have a sub-set of Scope 3 emission sources. Scope 2 emissions are reported as both location and market based. Scope 3 emissions categories included are: Category 4: Upstream Transport and Distribution, Category 5: Waste Generated in Operations, Category 6: Business Travel, Category 7: Staff Commuting, and Category 9: Downstream Transport and Distribution.

Baseline year emissions:	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	165,275 tCO <sub>2</sub> e
Scope 2	Location Based - 25,512 tCO <sub>2</sub> e Market Based – 0 tCO <sub>2</sub> e
Scope 3 (Included Sources)	234,414 tCO <sub>2</sub> e  (Upstream transportation and distribution, Waste generated in operations, Business travel, Employee commuting, Downstream transportation and Distribution)
<b>Total Emissions</b>	<b>Location Based – 425,200 tCO<sub>2</sub>e</b> <b>Market Based – 399,689 tCO<sub>2</sub>e</b>

## Current Emissions Reporting

Reporting Year: 2021	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	165,275 tCO <sub>2</sub> e
Scope 2	Location Based - 25,512 tCO <sub>2</sub> e Market Based – 0 tCO <sub>2</sub> e
Scope 3 (Included Sources)	234,414 tCO <sub>2</sub> e  (Upstream transportation and distribution, Waste generated in operations, Business travel, Employee commuting, Downstream transportation and Distribution)
<b>Total Emissions</b>	<b>Location Based – 425,200 tCO<sub>2</sub>e</b> <b>Market Based – 399,689 tCO<sub>2</sub>e</b>

## Emissions reduction targets

To continue our progress towards achieving Net Zero, Breedon Trading Limited has adopted the following targets for carbon reduction:

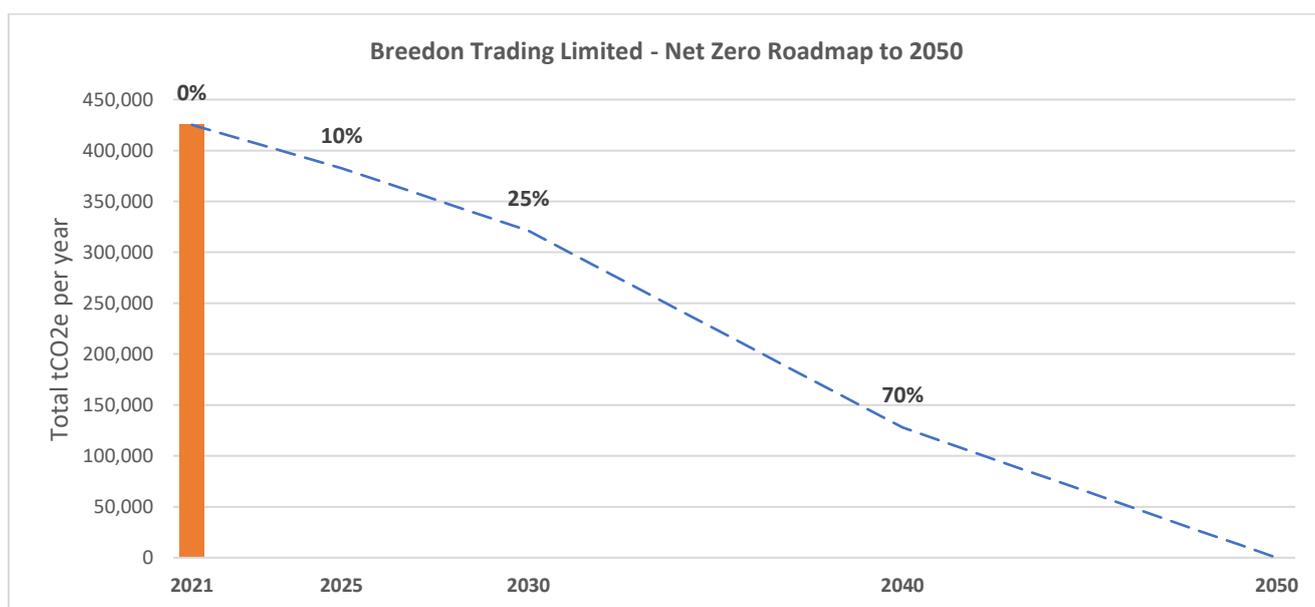
- 10% reduction in tonnes of CO<sub>2</sub>e by 2025 (from 2021)
- 25% reduction in tonnes of CO<sub>2</sub>e by 2030 (from 2021)
- 70% reduction in tonnes of CO<sub>2</sub>e by 2040 (from 2021)
- Net Zero by 2050

Breedon Trading Limited projects that carbon emissions will decrease to 383,000 tCO<sub>2</sub>e by 2025. This is a reduction of 10% from the 2021 baseline. Breedon Trading Limited will then decrease to 320,000 tCO<sub>2</sub>e

by 2030, a 25% reduction from the 2021 baseline. A further decrease to 128,000 tCO<sub>2</sub>e by 2040 achieves a 70% reduction from the 2021 baseline. By 2050 emissions will drop to around 8,000 tCO<sub>2</sub>e, with any residual carbon emissions subject to carbon credits generated through in-setting programmes or established local offsets as required to achieve our Net Zero target.

These targets are based on the Location Based carbon emissions rather than Market Based approach, in the event that market conditions beyond our control may impact REGOs.

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



Data will be collated on an annual basis and the relevant GHG emissions calculated for that period using the methodology described above. Performance against the targets will be reviewed annually, the impact of carbon reduction measures assessed, the potential impact of future measures reviewed, and the potential to bring forward or improve any targets will be considered.

A re-baseline exercise will be undertaken if significant changes have been made to company structure, as described in the GHG Protocol Corporate Accounting and Reporting Standard e.g. significant company acquisitions or divestments. Re-baselining will also be undertaken if improvements in data collection/accuracy result in a significant change to the original data.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented prior to the 2021 baseline.

- Following a Materiality Assessment Exercise in 2020, Breedon launched its Sustainability strategy in 2021, focussing on three key pillars of Planet, People and Places, underpinned by fundamental operating Principles to ensure we are a safe, ethical, well governed, financially robust business.
  - The Planet pillar focusses on carbon and energy reductions, responsible resource use and waste reduction, and on creating a positive impact on nature and biodiversity.
  - The People pillar focusses on developing and empowering a diverse and talented workforce and creating a positive impact on the communities in which we operate.
  - The Places pillar focusses on our products and services to ensure they deliver higher performance, resource efficient buildings and resilient, low impact infrastructure, and collaborating and developing innovative solutions to help customers mitigate impacts of climate change.

Targets and roadmaps are in place and performance against the strategic deliverables is monitored and reported externally in the Annual Report.

- Breedon operates an environmental management system externally certified to the ISO 14001 standard. The management system comprises of policies, standards and procedures to ensure that environmental impacts from our operations and value chain are understood and managed and that best practice controls are in place. The system is subject to robust internal audit through a dedicated internal auditing team, along with external verification. The concrete we produce also holds the BES 6001 Responsible sourcing standard.
- Increased the number of asphalt sites with the capability to use Reclaimed Asphalt Pavement (RAP) saving virgin raw materials and reducing the amounts of bituminous binder required.
- 100% electricity purchased is from renewable source generation and covered by guarantee of origin certificates.
- Rollout of EV charging points at key sites ongoing.
- Innovative materials and services offered to customers, including:
  - Foam mix – onsite recycling of road surfaces into new roads, avoiding emissions from haulage to and from the work site and less virgin raw materials.
  - Warm-mix asphalt – Producing asphalt at a lower temperature to achieve energy and carbon saving whilst still retaining the workability required by our customers.
  - Innovative concrete designs – Collaborating with partners to develop alternatives to traditional concrete mix designs to offer positive environmental benefit in areas such as carbon, recycled materials and reduced water demand.

In the future Breedon hopes to implement further measures such as:

- Environmental Sustainability training developed in conjunction with the IEMA (Institute of Environmental Management and Assessment) to be rolled out from 2022.
- Implementation of the ISO 50001 Energy Management System across all operational sites.
- Increase the visibility of embodied carbon contents for our products to ensure our customers can make informed purchasing decisions.
- Trials of low carbon alternative fuels and innovative technologies in our plant machinery and mobile equipment.
- Rollout of onsite renewables across viable Breedon sites, focusing on rooftop/ground solar, wind and hydro-electric generation.

- Investment in asphalt plant monitoring systems to monitor and minimise CO<sub>2</sub> emissions.
- Further reduction of transportation and haulage impacts through specific targets for an all-electric business car and van fleet, and a roadmap for our internal haulage fleet towards electric / hydrogen.
- Focus on sustainable procurement processes and the rollout of the BES 6001 responsible sourcing standard across the core products within the Breedon Trading Limited business.

## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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

### Signed on behalf of the Supplier:



James Haluch - Managing Director, Breedon GB Contracting .....

Date: 24 May 2022 .....

<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>