

# Carbon Reduction Plan



PART OF HENRY BOOT

**Supplier Name:** Henry Boot Construction Limited  
**Publication date:** April 2025

## Commitment to achieving Net Zero

Henry Boot Construction Limited is 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: 2019	
Additional details relating to the baseline emissions calculations	
We chose 2019 as our baseline year as it was the most recent year that captured a businesses-usual output (2020 emissions having being affected due to the impact of Covid-19 and overall business activities). Our current Scope 3 reporting only relates to business travel and we don't yet currently report on emissions data for the other subsets. We are currently working on developing a comprehensive understanding of our scope 3 emissions to position us to be able to report against the different subsets.	
Baseline year emissions: 2019	
Emissions	TOTAL (tCO <sub>2</sub> e)
Scope 1	414
Scope 2	144
Scope 3 (included sources)	376
Total emissions	934

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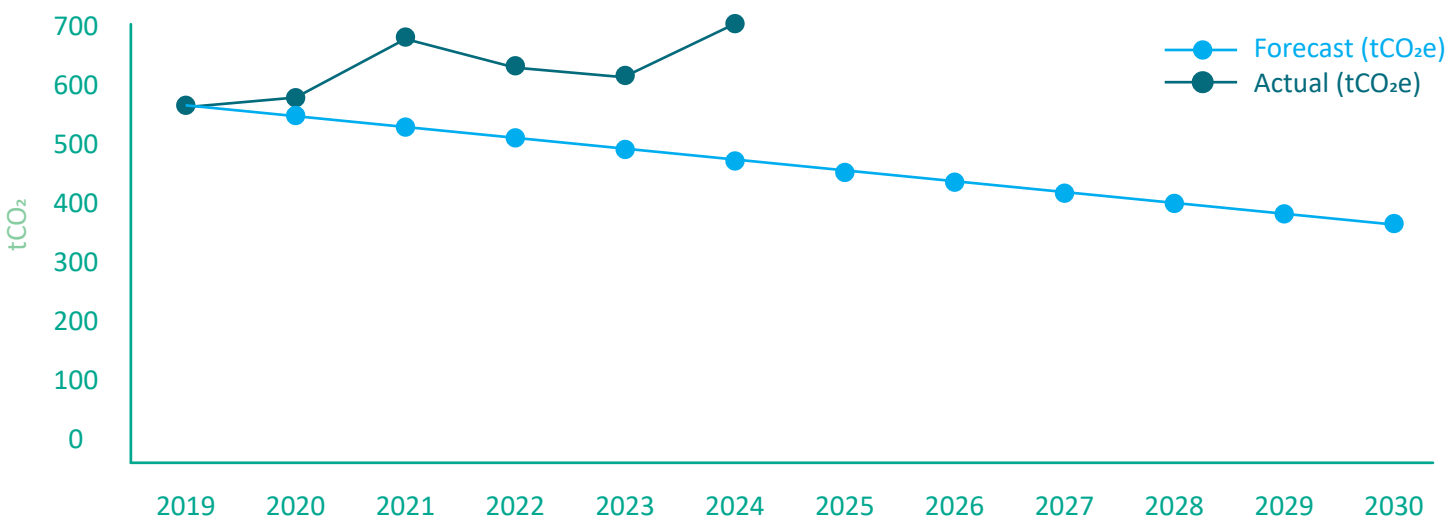
## Current emissions reporting

Reporting year: 2024	
Emissions	TOTAL (tCO <sub>2</sub> e)
Scope 1	481
Scope 2	239
Scope 3 (included sources)	336
Total emissions	1,056

## Emissions reduction targets

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

We project that our scope 1 and 2 carbon emissions will decrease to 446tCO<sub>2</sub>e by the end of 2025. This is a reduction of 20% on 2019 recorded figures. Despite a rise in our direct emissions in 2024, caused by higher than anticipated site based generator requirements, we are confident that, with the mitigation measures we are adopting, that we can achieve our medium-term target. Progress against these targets can be seen in the graph below:



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## Carbon reduction projects

### Completed carbon reduction initiatives

Henry Boot Construction remain committed to achieving our 2025 decarbonisation target.

We continue to liaise closely with our clients and supply chain to implement sustainable power solutions wherever possible and collaboratively innovate to decarbonise.

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction measures will be in effect when performing the contract.

In June 2021, we introduced our Net Zero Carbon (NZC) Framework which will guide our company to achieve NZC as well as supporting the protection and enhancement of the natural environment.

Measures introduced to date include progressive changes to our Company Car Policy. We have changed this Policy to mean that the significant majority of our employees are now entitled to car allowance rather than a company car and we have partnered with Tusker – a specialist salary sacrifice car scheme – to offer our employees cost efficient access to hybrid and electric vehicles.

We have continued to proactively monitor and manage our waste production and achieved a score of 99% of waste being diverted from landfill in 2024.

We are endeavouring to reduce reliance on generators through sourcing mains power for sites and trialling sustainable generator solutions.

'In 2024, we also undertook an extensive pilot of utilising hydrogenated vegetable oil (HVO) in lieu of diesel for our generator requirements. We are analysing the results and anticipate further rolling out this fuel to reduce our direct emissions.

We also continue to liaise closely with customers and commercial partners to ensure that our energy requirements can be sourced sustainably whenever possible.

We commissioned a specialist provider to undertake a comprehensive energy and resource audit of our Head Office and are currently implementing the recommendations.

Our business mileage decreased by 11% in 2024 (compared to 2023) and was 27% lower than our 2019 baseline.

We continue to endeavour to achieve our medium-term targets.

Our target of replacing 50% of generator demand with alternative renewable generators by 2025 has proved challenge due to challenges with the available technology and the required performance. We continue to use and trial sustainable solutions but are also trialling the utilisation of HVO as a mechanism to reduce generator based emissions.

We remain committed to our site accommodation having strong environmental credentials (EPC B+).

In addition to the energy and resource audit above, we have also undertaken an employee led sustainability audit of head office to identify and implement solutions to reduce emissions and waste, and to increase green spaces, biodiversity, and habitat protection.

To further improve our waste reduction performance with an ambition of producing no avoidable waste on our sites, we will increase use of Modern Methods of Construction (MMC), consider options to re-use and recycle to design out waste, and apply principles of the circular economy.

We are undertaking monitoring to understand how much plastic and water we use and to put in place actions to increase recycling and reduce the use of plastic wherever possible and the reduction of water use. We will engage and encourage our supply chain to support the reduction of plastic and water consumption.

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## 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 (or equivalent management body).

Signed on behalf of the Supplier:

A handwritten signature in black ink, appearing to read 'L. Powell'.

Lee Powell  
Managing Director  
4 April 2025