



NG Bailey



Carbon Reduction Plan

Supplier name: NG Bailey Group Limited - this includes NG Bailey Group Limited, NG Bailey Limited, NG Bailey IT Services Limited, NG Bailey Facilities Services Limited and The Freedom Group of Companies Limited.

Publication date: 2nd November 2023 (*pending board approval*)

Commitment to achieving net zero

NG Bailey Group is committed to achieving net zero emissions by 2050.

The group takes its role as a responsible business seriously and over the past decade we have consistently looked to reduce our environmental impacts through the reduction of energy and carbon. The group is working towards carbon reduction targets approved by the Science Based Targets initiative (SBTi). These targets align our reductions to the 1.5°C limit agreed by scientists as necessary to reduce the destructive impacts of climate change. The science-based targets see us join the UNFCC 'Race to Zero' campaign, and align us to the Paris Agreement, the Construction 2025 Industrial Strategy and the UK government's goal to reach 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: 2018/19

Additional details relating to the baseline emissions calculations

Scope 1 and 2 emissions

Since 2018/19, our scope 1 and 2 emissions have been independently verified on an annual basis. Our carbon footprint includes all material units within our operational control across the NG Bailey Group. The data has been reported in line with the Greenhouse Gas Protocol's Corporate Accounting and Reporting Standard and NG Bailey Group Limited has been certified as meeting the requirements of CEMARS® carbon reduce certification to a reasonable assurance level. Our greenhouse gas emissions are measured in accordance with ISO 14064-1:2006 and we are committed to managing and reducing our emissions in respect of our operational activities. The scope 2 figures reflect a location-based reporting methodology.

Scope 3 emissions

Our scope 3 business travel emissions are also subject to the independent verification and assurance process outlined above. In 2021/22 we started to directly engage with employees to capture commuting data, extrapolating to represent our total headcount. Our waste data represents the impacts relating to the waste managed by our directly employed waste management contractors. It does not include waste impacts where we do not have direct operational control. Waste data collected since the baseline year has increased in scope, enabling greater accuracy in reporting. At present we have been unable to calculate our upstream distribution impacts as the data is not currently available to us. We do not have downstream distribution operations.

The figures and information used in calculations has been provided as accurate, to the best of our knowledge. As far as practicable we have assumed that figures are representative of our operations, and we continue to work to improve our data quality.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	5,538
Scope 2	733
Scope 3 (Included sources)	Business travel - 1,904 Employee commuting - 6,863 Waste - 32 Upstream distribution - data unavailable Downstream distribution - n/a
Total emissions	15,070

Current emissions reporting
Reporting year: 2022/23

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	4,278
Scope 2	364
Scope 3 (Included sources)	Business travel - 1,159 Employee commuting - 7,399 Waste - 67 Upstream distribution - data unavailable Downstream distribution - n/a
Total emissions	13,267

Emissions reduction targets

In 2021/22, our Science-based targets were accepted by the board as a commitment to reduce absolute scope 1 and 2 GHG emissions 50% by FY31 from a FY19 base year*. NG Bailey Group Limited also commits that 75% of its suppliers by spend covering purchased goods and services and capital goods, will have science-based targets by FY27. These science-based targets were validated by the Science Based Targets initiative (SBTi) in November 2022.

**The target boundary includes land-related emissions and removals from bioenergy feedstocks.*

Our SBTi target is central to our journey to net zero and we are already working to deliver reductions throughout the business as described in the carbon carbon reduction projects section below.

Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2018/19 baseline.

- Continue to develop and implement our responsibility strategy, Net Positive, including our journey to a zero-carbon future
- Set science-based targets aligned to a 1.5°C trajectory (as per approved emissions reduction target above)
- Our science-based targets were validated by the Science Based Targets initiative in November 2022
- Since April 2021, 100% of the electricity consumed at sites where we have operational control has been procured from renewable sources
- We upgraded our commercial vehicle fleet to Euro VI engines and, as of February 2023, introduced 10 electric vans on contracts where charging infrastructure is available
- We have amended our company car choice to feature 100% plug-in hybrid and hybrid cars only, meaning that standard petrol and diesel vehicles will be removed from our fleet over time. As of February 2023, 67% of our company car fleet is either a mild hybrid, hybrid or electric vehicle
- The average emissions across the existing car fleet as of February 2023 are 60gCO₂/km. This is below our company car emissions cap of 75gCO₂/km
- We have installed 32 electric vehicle charging points across our estates, which are available to employees and visitors alike, and also installed a further six charging outlets at a customer's location to support their low carbon infrastructure

- We have made net zero carbon training available to all employees and delivered introductory workshops to our senior leadership teams
- Through engagement with our suppliers, we have established a baseline understanding of the environmental awareness and impacts arising from our supply chain
- Since 2018/19 we have invested in renewable energy and, as of February 2023, we have generated over 1,400 MWh of our own energy from investments in solar photovoltaics across the group
- In 2018, we achieved ISO14001:2015 accreditation for our environmental management. Since initial accreditation, we have successfully passed annual audits and triennial recertification (recertification occurs every three years)

Future carbon reduction initiatives

In the future we hope to implement further measures such as:

- Continuing to increase the number of low and zero carbon vehicles within the company fleet with a goal to removing all ICE vehicles by early 2025
- Transitioning a proportion of our light commercial fleet to electric vehicles by 2025
- Increasing the accessibility of electric vehicle charging across the group
- Examining how we can encourage employees to reduce their commuting impacts including consideration of a wider EV offering for employees
- Increasing the environmental reporting requirements for the onboarding and ongoing account management of our supply chain, encouraging the adoption of science-based targets throughout our scope 3 value chain
- Examining how we can reduce our use of diesel across the business through use of alternative low carbon fuels and innovative battery storage solutions for the replacement of standard plant
- Continuing to monitor and challenge the greenhouse gasses generated through our waste streams
- Increasing engagement with our supply chain to improve awareness and reporting of environmental impacts and solutions
- Continuing to gain reaccreditation to ISO14001:2015 for our environmental management system

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 standard¹ and uses the appropriate government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

This carbon reduction plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of NG Bailey Group Limited:

David Hurcomb (Chief Executive Officer)

Date: 2nd November 2023 (*pending board approval*)

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>