



NG Bailey



PPN06/21 Carbon Reduction Plan 2021/22

PASSION | INTEGRITY | RESPONSIBILITY | EXCELLENCE

Supplier name: NG Bailey Group Limited - this includes but is not limited to 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: 3rd November 2022

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. In 2021/22 we successfully secured approval for our Science Based Target which has been confirmed as aligning our reductions to the 1.5°C limit agreed by scientists as necessary to reduce the destructive impacts of climate change. The science-based target sees us join UNFCCC Race to Zero campaign and aligns 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, annually. 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 the operational activities of its UK organisation. 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 directly engaged with our employees to capture commuting data and following a strong response from across the group we have extrapolated this 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. 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: 2021/22	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	4,694
Scope 2	416
Scope 3 (Included Sources)	Business Travel - 894 Employee commuting – 6,899 Waste - 68 Upstream distribution – data unavailable Downstream distribution - n/a
Total Emissions	12,971

Emissions reduction targets

In 2021/22, our Science Based Target was accepted as a commitment to reduce absolute scope 1 and 2 GHG emissions 50% by FY2031 from a FY2019 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 FY2027.

**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 (see carbon reduction projects section below for further detail)

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

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

- Reset our sustainability ambitions with the delivery of our new responsibility strategy, Net Positive, which has kickstarted our journey to a zero-carbon future.
- Set a Science Based Target aligned to a 1.5°C (as per approved emissions reduction target above)
- 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 introduced 10 electric vans on contracts where charging infrastructure is readily 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. Currently, 57% of our company car fleet is either a mild hybrid, hybrid or electric vehicle.
- We have also implemented an emissions cap of 75gCO₂/km on all new company car vehicles with the average emissions across the existing car fleet reaching 76gCO₂/km
- We have installed sixteen electric vehicle charging bays across our Leeds, Reading and Bristol locations 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 generated over 1,250 MWh of our own energy from our investments in solar photovoltaics across the Group.
- In 2018, we achieved ISO14001:2015 accreditation for our environmental management system.

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.
- Increase 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 gas oil across the business through use of alternative low carbon fuels and innovative battery storage solutions for the replacement of standard plant.
- Increased engagement with our supply chain to improve awareness and reporting of environmental impacts and solutions.
- Seek 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: 3rd November 2022

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>