



NG BAILEY PPN06/21 Carbon Reduction Plan



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

Publication date: 4th November 2021

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. We are currently defining a science-based target for the Group that will see us align our reductions to the 1.5°C limit agreed by scientists as necessary to reduce the destructive impacts of climate change. By setting a science-based carbon target we align 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. Actual employee commuting data is not currently available but using data from a sample population 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 operation 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: 2020/21

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	4,557
Scope 2	474
Scope 3 (Included Sources)	Business Travel - 630 Employee commuting – 4,301 Waste - 65 Upstream distribution – Data unavailable Downstream distribution - n/a
Total Emissions	10,027

Emissions reduction targets

We are in the process of setting emission targets as part of our submission to SBTi and expect this to be complete in early 2022. Our SBTi target will be central to our journey to decarbonisation and the target setting process will enable us to understand the measures required to achieve our net zero target. The targets will be set in line with the reduction pathways for limiting global temperature rise to 1.5°C. We expect that this Carbon Reduction Plan will be updated and revised accordingly after our SBTi submission has been accepted. In the interim we continue to work to reduce our carbon impacts by 5% per employee.

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.
- Committed to setting a Science-Based Target aligned to a 1.5°C future that sees us join the United Nations Framework Convention on Climate Change's 'Race to Zero' and the 'We Mean Business Coalition'.
- Since April 2020, 97% of electricity and gas consumed across the Group has been procured from sustainable and renewable sources.
- We have upgraded our commercial vehicle fleet to Euro VI engines and introduced 4 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 largely removed from our fleet and have implemented an emissions cap of 75gCO₂/km on all new vehicles.
- We have installed six electric vehicle charging bays at our Leeds campus, made available to employees and visitors alike.
- 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 1,000 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.
- Transitioning a proportion of our light commercial fleet to electric vehicles by 2025.
- Increasing the accessibility of electric vehicle charging across the Group.
- 100% renewable electricity and gas across the Group.
- Examining how we reduce our use of gas oil across our business through the use of alternative low carbon fuels.
- Continue to develop innovative solutions that support a reduction in the carbon impacts for our customers e.g. POC-MAST solutions and DfMA options.
- Increased engagement with our supply chain to improve awareness and reporting of environmental impacts and solutions.
- Increase collaboration and innovation with key supply chain partners to identify areas where we can reduce carbon impacts along the value chain.
- 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: 4th November 2021.....

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>