

Carbon Reduction Plan

Supplier name: National Children's Bureau

Publication date: 03/04/2024

Commitment to achieving Net Zero

National Children's Bureau (NCB) is committed to achieving Net Zero emissions by 2045.

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: FY 2022/23

Additional details relating to the baseline emissions calculations:

This baseline was calculated for NCB by Eunomia Research and Consulting Ltd. using data from the most recent financial year for which complete data was available. In line with the latest GHG Protocol scope 2 guidance at time of calculation, both location and market-based scope 2 emissions have been reported.¹ As this is NCB's first carbon footprint, these baseline emissions are also the current year's emissions.

The emissions presented below include all required categories that are relevant to NCB's operations. Fuel and electricity use in owned vehicles is excluded from scopes 1 and 2 respectively as NCB do not own or operate vehicles. Downstream transportation and distribution was excluded from scope 3 as whilst NCB do sell a small volume of products, their manufacturing and shipping are handled by a third party and considered to be a procured service.

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	8
Scope 2 (location-based)	16

¹ Greenhouse Gas Protocol, 'GHG Protocol Scope 2 Guidance', (March 2023), available: www.ghgprotocol.org/sites/default/files/2023-03/Scope%20%20Guidance.pdf

Scope 2 (market-based)	13
Scope 3	122
(Included sources)	Category 4: upstream transportation and distribution: 2 Category 5: waste generated in operations: 3 Category 6: business travel: 20 Category 7: employee commuting: 48 Category 7: homeworking: 49
Total emissions (location-based)	146
Total emissions (market-based)	143

Current emissions reporting

Reporting Year: FY 2022/23	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	8
Scope 2 (location-based)	16
Scope 2 (market-based)	13
Scope 3	122
(Included sources)	Category 4: upstream transportation and distribution: 2 Category 5: waste generated in operations: 3 Category 6: business travel: 20 Category 7: employee commuting: 48 Category 7: homeworking: 49
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Emissions reductions targets

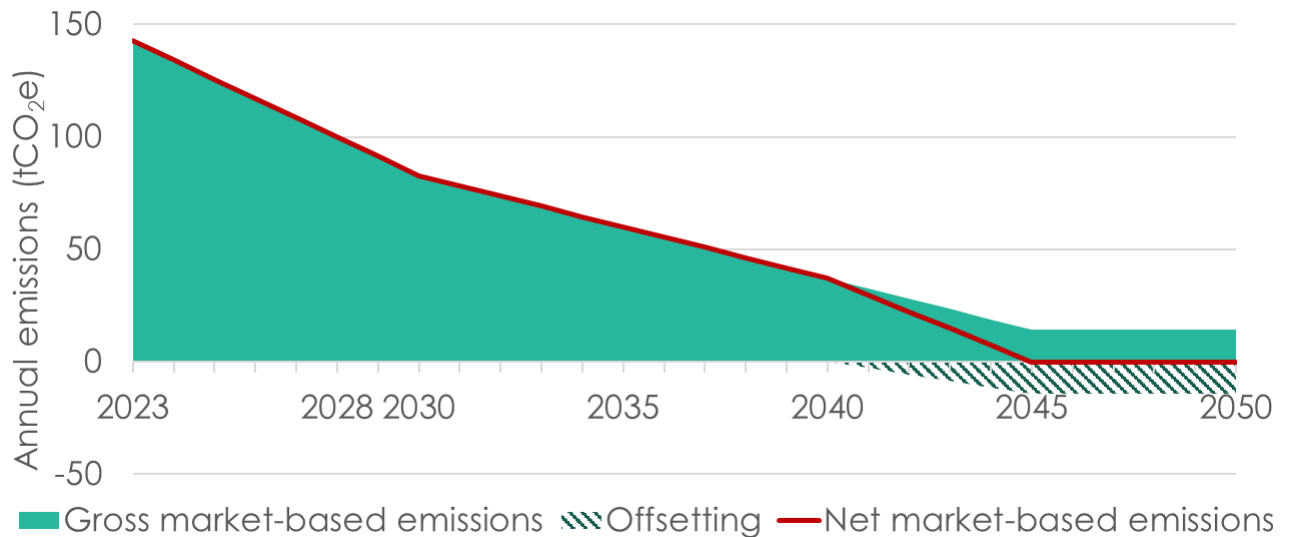
In order to facilitate NCB's progress to achieving Net Zero, the following carbon reduction targets have been adopted:

Net Zero by 2045 following Science-Based Target initiative guidance²:

- 42% reduction in total emissions by 2030
- 90% reduction in total emissions by 2045
- 10% residual emissions offset by 2045

In order to achieve this, we project that NCB's market-based carbon emissions will decrease over the next five years to 100 tCO₂e by 2028. This is a reduction of 30%. The corresponding decarbonisation pathway is shown in Figure 1.

Figure 1: Projected market-based decarbonisation pathway



Carbon reduction projects

As this is NCB's first carbon footprint, we are unable to quantify the impacts of previously implemented environmental management measures; this will be part of future iterations of this document. NCB is currently, however, procuring electricity with a lower carbon intensity (0.087 kgCO₂/kWh) than the UK residual mix factor for electricity of non-guaranteed origin in 2022 (0.365 kgCO₂/kWh) at their largest operational building.³ The resulting baseline market-based emissions value is 18 tCO₂e (11%) lower than if all electricity was of a non-guaranteed origin.

² Science Based Targets, 'SBTi Corporate Net-Zero Standard', (March 2024), available:

www.sciencebasedtargets.org/resources/files/Net-Zero-Standard.pdf

³ Association of Issuing Bodies, 'European Residual Mixes', (June 2023), available: [www.aib-](http://www.aib-net.org/sites/default/files/assets/facts/residual-mix/2022/AIB_2022_Residual_Mix_Results_inclAnnex.pdf)

[net.org/sites/default/files/assets/facts/residual-mix/2022/AIB_2022_Residual_Mix_Results_inclAnnex.pdf](http://www.aib-net.org/sites/default/files/assets/facts/residual-mix/2022/AIB_2022_Residual_Mix_Results_inclAnnex.pdf)

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

- Switch to a renewable electricity tariff at all sites;
- Assign green building champions at each site to ensure accurate monitoring of energy and waste and to drive more sustainable practices;
- Conduct a staff travel survey to better understand commuting behaviour as well as implementing initiatives to encourage lower carbon commuting methods;
- Develop a sustainable business travel policy with specific focus on reducing flights;
- Understand our wider carbon footprint beyond this scope and assess how to tackle this; and
- Understand government initiatives and schemes which could help us achieve reductions.

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 standard⁴ and use the appropriate Government emission conversion factors for greenhouse gas company reporting⁵. 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) Standard⁶.

This Carbon Reduction Plan has been reviewed and signed off by strategic directors.

Signed on behalf of the supplier, 3rd April 2024:



Anna Feuchtwang
Chief Executive



Rachel Rand
Chief Operating Officer

⁴ Greenhouse Gas Protocol, 'GHG Protocol Corporate Accounting and Reporting Standard', (2004), available: www.ghgprotocol.org/corporate-standard

⁵ Department for Energy Security and Net Zero and Department for Business, Energy & Industrial Strategy, 'Government conversion factors for company reporting of greenhouse gas emissions', (January 2024), available: www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

⁶ Greenhouse Gas Protocol, 'The Corporate Value Chain (Scope 3) Accounting and Reporting Standard', (2011), available: www.ghgprotocol.org/standards/scope-3-standard