

CARBON REDUCTION PLAN

Supplier name: Nationwide Data Collection Ltd.

Publication date: March 2023

Commitment to achieving Net Zero

Nationwide Data Collection Ltd is committed to achieving Net Zero emissions by 2040.

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

Baseline Year	2019	Comments
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	192.8	Technician Mileage
Scope 2	13.0	Electric / Gas etc
Scope 3	22.6 21.2	Staff Commuting Business Mileage
Total Emissions	249.6	

Previous Year Emissions Reporting

Year	2021	Comments
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	182.7	Technician Mileage
Scope 2	13.5	Electric / Gas etc
Scope 3	22.6 0.3	Staff Commuting Business Mileage
Total Emissions	219.1	

Current Year Emissions Reporting

Year	2022	Comments
EMISSIONS	TOTAL (tCO2e)	
Scope 1	174.4	Technician Mileage
Scope 2	14.8	Electric / Gas etc
Scope 3	15.0 0.2	Staff Commuting Business Mileage
Total Emissions	204.4	

Scope of Greenhouse Gases

Scope 1 emissions are direct greenhouse gas emissions that occur from sources that are controlled or owned by the reporting organization such as emissions associated with fuel combustion in boilers, furnaces, vehicles.

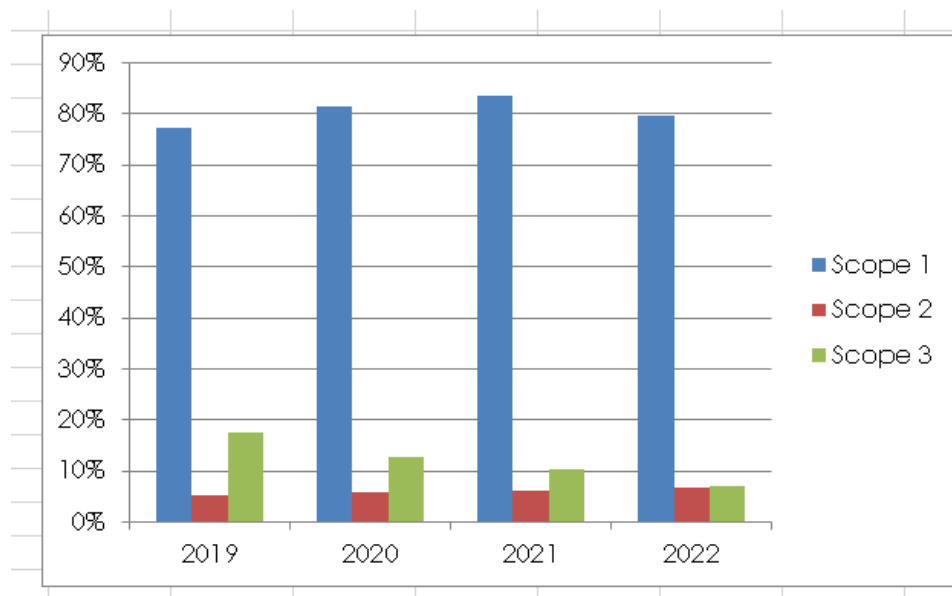
Scope 2 emissions are indirect greenhouse gas emissions associated with the purchase of electricity, steam, heat, or cooling. They are accounted for by the reporting organization as they are a result of the organization's energy use.

Scope 3 emissions include all sources not within an organization's scope 1 and 2 boundary. Scope 3 emissions often represent the majority of an organization's total greenhouse gas emissions, and the CRP is interested in those related to:

Business travel, employee commuting, waste generated in operations, upstream & downstream transportation and distribution.

NDC have no Scope 3 Upstream or Downstream transportation or distribution emissions.

Summary of Emissions By Scope



Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 150.2 tCO₂e by 2027 - a reduction of 31%.

Scope 3 Employee Commuting

For the base year of 2019, we do not have any data on how employees were travelling into their office. To calculate an estimated figure for the financial year 2019/20, we have taken the number of employees, their working pattern such as part time or full time, and taken account of annual leave and bank holidays.

For full time employees, there are 261 working days per year which reduces to an average of 230 working days per employee when accounting for annual leave and Bank Holidays. We calculated the figure for the average UK commute of 2700 miles divided by 230 days to give an average commute of 11.7 miles ⁽¹⁾ per employee.

The average UK new car emissions are approximately 204.3 grams per mile based on the average of new vehicle emissions between 2010 & 2020⁽²⁾, giving a total of 0.5 tonnes per employee per year.

This gives a total estimated figure of 22.6 tonnes CO₂ per year for staff commuting by car.

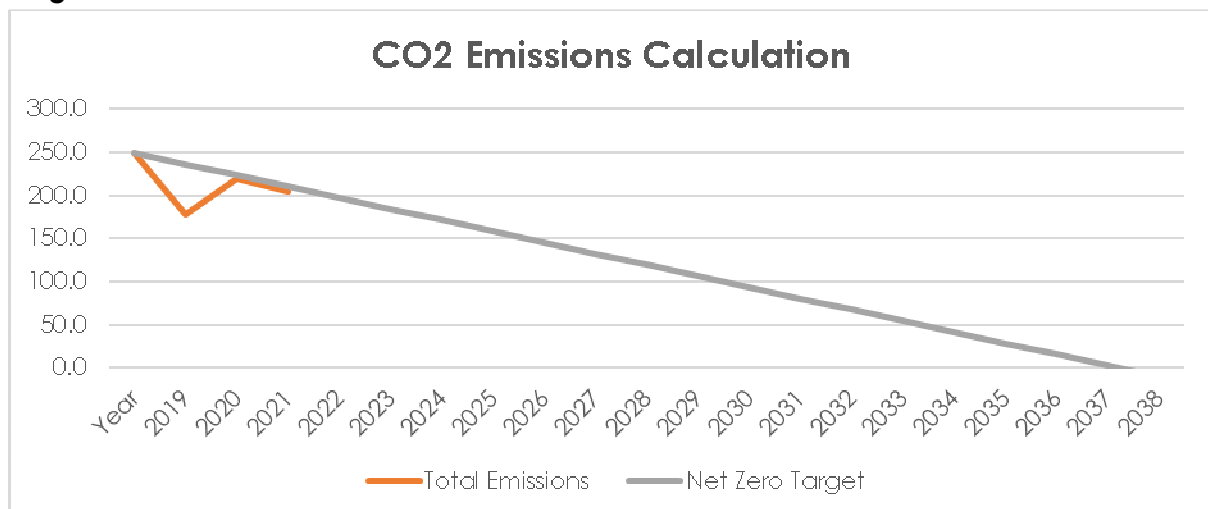
Staff commuting by public transport is excluded from the overall CO₂ calculation as we have no way of monitoring or controlling CO₂ emissions for staff using public transport.

(1) Source - https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1016977/nts_0901.ods

(2) Source - <https://www.statista.com/statistics/299282/average-co2-emissions-from-new-cars-in-the-united-kingdom/#:~:text=The%20average%20emissions%20of%20carbon,percent%20year%20on%20year.>

Progress against these targets can be seen in the graph below:

Progress to Net Zero



Carbon Reduction Projects

Since the 2019 baseline the following measures have been introduced:

- Renewal of company cars with hybrid or full electric as they reach the end of their useful life.
- Refit of all NDC offices to convert all remaining fluorescent tube units to full LED lighting.
- Improvements to video recording technology and battery life, resulting in fewer visits to site.

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

- Replacing company vans with hybrid or hydrogen variants where possible, as diesel costs are by far the largest CO₂ impact for the company.

NDC have committed to achieving net zero including all of the energy that we use and carbon we emit, by no later than 2040. We will aim to do this without needing to offset. Offsetting is a last step and will not be prioritised over making real reductions in carbon emissions. Any offsetting activities will be transparently managed and will only include UK based certified schemes.

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 NDC:



Gerard O'Regan
Managing Director
March 2023

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>