Carbon Reduction Plan

Supplier name: Bardon Environmental Limited

Publication date: 22nd January 2024

# Overview

The UK Government amended the Climate Change Act 2008 in 2019 by introducing a target of at least a 100% reduction in the net UK carbon account (i.e. reduction of greenhouse gas emissions compared to 1990 levels) by 2050. This is otherwise known as the ‘Net Zero’ Target.

Action Note PPN 06/21, “Procurement Policy Note – Taking Account of Carbon Reduction Plans in the procurement of major government contracts,” sets out how to take account of suppliers’ Net Zero Carbon Reduction Plans in the procurement of major government contracts.

This plan outlines Bardon Environmental Limited compliance with Action Note PPN 06/21.

# Commitment to achieving Net Zero

Bardon Environmental Limited is committed to achieving 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.

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| **Baseline Year: 2023** |
| **Additional Details relating to the Baseline Emissions calculations.** |
| *Our emissions data is reported in line with the GHGP Corporate Accounting and Reporting Standard under the ‘Operational Control’ approach. Scope 2 emissions are calculated using the GHGP market-based methodology. Per the GHGP, where market-based information is not available, location-based results have been used as proxy.*  *Emissions data have not been published for the UK in prior years, therefore we have selected 2023 as our baseline.* |

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| *We continue to partner with our third party and value chain partners to obtain suitable country level data for Scope 3 emissions calculations in the following categories:*   * *Category 4: Upstream transportation and distribution* * *Category 5: Waste generated in operations* * *Category 6: Business travel* * *Category 7: Employee commuting* * *Category 9: Downstream transportation and distribution*   *These emissions calculations at the UK country level are undergoing refinement. We are continuing accuracy assessments on this data and calculation methodologies are not complete at this time. Scope 3 emissions will be published in an interim report once finalised and included in every annual report thereafter.* | |
| **Baseline year emissions: January 2023** | |
| **EMISSIONS** | **TOTAL (tCO2e)** |
| **Scope 1** | 41818 litres = total for 2023 (Multiply number of litres used  by 2.68 = 112073 kg, (112 tons) per year for all 14 vehicles. |
| **Scope 2** | Undergoing refinement and will be published in an interim report once finalised |
| **Scope 3**  **(Included Sources)** | Undergoing refinement and will be published in an interim report once finalised |
| **Total Emissions** | 112 (tCO2e) |

# Current Emissions Reporting

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| --- | --- |
| **Reporting Year: 2024** | |
| **EMISSIONS** | **TOTAL (tCO2e)** |
| **Scope 1** | Undergoing refinement and will be published in an interim report once finalised |
| **Scope 2** | Undergoing refinement and will be published in an interim report once finalised |
| **Scope 3 (Included Sources)** | Undergoing refinement and will be published in an interim report once finalised |
| **Total Emissions** | Undergoing refinement and will be published in an interim report once finalised |

**Emissions reduction targets**

Bardon Environmental Limited emissions targets are aligned to our planned progress to achieving Net Zero in the UK by 2050. The following are our initial near-term carbon reduction targets, which are driven by the initiatives set out in the following section.

We project that carbon emissions will decrease over the next five years to 56tCO2e by 2028. This is a reduction of 50%.

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| **Project** | **Methodology** | **Current Emissions** | **Target % reduction** | **Target date** |
| Electric vehicles | Purchase electric vehicles Install charging points Plan delivery schedules around available charging points | 112 | 50% | 2028 |

The Company is actively developing a detailed roadmap to reach Net Zero in the UK in 2050 and anticipates that further specific details will be available in future reports.

**Completed** **Carbon Reduction Initiatives**

The following environmental management measures and projects have been completed or implemented within Bardon Environmental Limited since the 2023 baseline.

* Continued transition to hybrid, plug-in hybrid, and electric vehicle fleet
* Other building efficiency measures, including educational awareness

**Planned Carbon Reduction Initiatives for 2024**

In the near future (2024) we plan to implement the following initiatives.

* Relocation and consolidation of administrative and operational premises as well as our waste transfer station premises into a single building to reduce energy usage and transportation emissions usage.
* Further electrification of company vehicles
* Continued educational awareness and training
* Additional LED lighting upgrades
* Procurement of renewable energy
* Further quantification and understanding of value chain environmental impacts
* Engaging the supply chain to manage and reduce our Scope 3 carbon emissions

**Contract Environmental Management Measures**

Contract Management carbon reduction processes are measured where variables exist these being centered on materials and emissions utilized in execution of the works these statistics are automatically recorded by our systems to collate materials and mileage undertaken.

# 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 standard[1](#_bookmark0) and uses the appropriate [Government emission conversion factors for greenhouse gas](https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting) [company reporting](https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting)[2](#_bookmark1).

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) Standard[3](#_bookmark2).

This Carbon Reduction Plan has been reviewed and signed off by the board of directors on 22nd January 2024.

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**Signed on behalf of Bardon Environmental Limited**:

Graeme Parkin

Date: 22nd January 2024

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>