

# Carbon Reduction Plan

**Supplier name:** Blue Frontier IT Ltd

**Publication date:** October 2024

## Commitment to achieving Net Zero

Blue Frontier IT Ltd 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.

### Baseline Year: 2024

#### Additional Details relating to the Baseline Emissions calculations.

#### Baseline year emissions:

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	1.29 tCO <sub>2</sub> e (from diesel)
Scope 2	11.83 tCO <sub>2</sub> e (from electricity)
Scope 3 (Included Sources)	At present, Blue Frontier IT Ltd does not have significant business travel, and employee commuting emissions are minimal, and waste management is conducted by the local authority.  207,000 tCO <sub>2</sub> e (from AWS services)
Total Emissions	207,013.12 tCO <sub>2</sub> e

## Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	1.29 tCO <sub>2</sub> e (from diesel)
Scope 2	11.83 tCO <sub>2</sub> e (from electricity)
Scope 3 (Included Sources)	At present, Blue Frontier IT Ltd does not have significant business travel, and employee commuting emissions are minimal, and waste management is conducted by the local authority.  207,000 tCO <sub>2</sub> e (from AWS services)
<b>Total Emissions</b>	<b>207,013.12 tCO<sub>2</sub>e</b>

## Emissions reduction targets

In order to continue our progress toward achieving Net Zero, Blue Frontier IT Ltd has adopted the following carbon reduction targets.

We project that our carbon emissions will decrease over the next five years as follows:

Scope 1 (Diesel Usage): We aim to reduce emissions by 30%, lowering Scope 1 emissions to 0.90 tCO<sub>2</sub>e by 2029.

Scope 2 (Electricity Usage): We will transition to renewable energy sources, targeting a 50% reduction in emissions, resulting in Scope 2 emissions of 5.92 tCO<sub>2</sub>e by 2029.

Scope 3 (AWS Services): Through efficiency improvements and AWS's sustainability initiatives, we aim to reduce our Scope 3 emissions by 15%, bringing them down to 176,000 tCO<sub>2</sub>e by 2029.

Overall, we are targeting a total emissions reduction of approximately 15% over the next five years, resulting in total projected emissions of 176,006.82 tCO<sub>2</sub>e by 2029.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

As 2024 is our baseline year we have no initiatives that have completed since baseline. However, prior to 2024 we have implemented an ISO14001 management system. As part of this we are working on transitioning to LED lighting, reducing paper waste, reducing overnight electricity usage by powering machines off automatically, encouraging electric vehicle use with staff, encouraging car sharing, reducing commuting and controlling use of air conditioning. When we moved into the building we also had movement sensitive lighting installed in a number of parts of the building.

In the future we hope to implement further measures such as moving our electricity supply to a renewable only supplier, and leveraging energy efficient services in AWS to improve our Scope 3 emissions.

### 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of Blue Frontier IT Ltd

**Director:**



**Date:** 01/10/2024

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>