

# Carbon Reduction Plan

**Supplier name:** Vivid Block Limited / VividTech for Good CIC

**Publication date:** 23rd December 2024

*This plan has been produced in accordance with the Technical Standard for Completion of Carbon Reduction Plans and in line with the Cabinet Office Procurement Policy Note (PPN) 06/21*

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## Commitment to Achieving Net Zero

Vivid Block Limited and VividTech for Good CIC are committed to achieving Net Zero emissions by 2050. This commitment is embedded within our organisational values and strategic objectives, reflecting our mission to be a partner for secure digital enablement while contributing to a sustainable future. Our leadership team actively champions sustainability principles, integrating them into all facets of our operations, service delivery, and community support initiatives in alignment with the Welsh Government's decarbonisation agenda.

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## 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 Year:** 2024

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

Vivid Block Limited was established in 2016 and operated from multiple temporary locations until securing our permanent office at 53A The Kingsway, Swansea in 2023. VividTech for Good CIC was incorporated on 17 December 2024, with operations commencing immediately to formalize existing community support activities.

The 2024 baseline primarily reflects Vivid Block Limited's full-year operations, with VividTech for Good CIC's initial activities included from 17 December 2024. This represents our first complete operational year in a stable location with comprehensive data collection capabilities through our Environmental Management System.

As a digital-first organisation with 100% renewable electricity and cloud-hosted infrastructure, our emissions profile is characterised by minimal direct emissions and a focus on Scope 3 reduction. Our calculations follow the GHG Protocol Corporate Standard using UK Government emission conversion factors (2024 Edition).

**Baseline year emissions:**

| <b>EMISSIONS</b>           | <b>TOTAL (tCO<sub>2</sub>e)</b>           |
|----------------------------|---|
| Scope 1                    | 0.000                                     |
| Scope 2                    | 0.000 (100% renewable via Octopus Energy) |
| Scope 3 (Included Sources) | 2.404                                     |
| <b>Total Emissions</b>     | <b>2.404</b>                              |

**Scope 3 breakdown:** Business travel (1.2 tCO<sub>2</sub>e), cloud computing infrastructure (0.8 tCO<sub>2</sub>e), employee commuting (0.404 tCO<sub>2</sub>e).

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## Current Emissions Reporting

**Reporting Year:** 2024

| <b>EMISSIONS</b>           | <b>TOTAL (tCO<sub>2</sub>e)</b> |
|----------------------------|---------------------------------|
| Scope 1                    | 0.000                           |
| Scope 2                    | 0.000                           |
| Scope 3 (Included Sources) | 2.404                           |
| <b>Total Emissions</b>     | <b>2.404</b>                    |

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## Emissions Reduction Targets

We project that carbon emissions will decrease over the next five years to 2.0 tCO<sub>2</sub>e by 2029, representing a 17% reduction. Our overarching goal is to reduce Scope 3 emissions by 50% by 2030 and achieve Net Zero across all scopes by 2050.

**Key Milestones:**

- 2028: Reduce total emissions to 2.0 tCO<sub>2</sub>e or less
- 2030: 50% reduction in Scope 3 emissions
- 2035: Maintain carbon neutrality for Scope 1 & 2 emissions
- 2050: Achieve Net Zero across all scopes

# Carbon Reduction Projects

## Completed Carbon Reduction Initiatives

The following environmental management measures have been implemented since our 2024 baseline:

### Infrastructure Measures:

- 100% renewable electricity procurement (Octopus Energy) - *eliminates 1.2 tCO<sub>2</sub>e annually*
- Smart-enabled office with LED lighting and automated heating controls
- Energy monitoring and switch-off policies

### Operational Measures:

- Hybrid working policy (employees within 30 miles work remotely, all staff eligible for 2 days/week remote working) - *reduces commuting emissions by 0.8 tCO<sub>2</sub>e annually*
- Virtual-first meeting culture reducing business travel by 30% - *saves 0.36 tCO<sub>2</sub>e annually*
- Cloud optimisation programme with carbon-neutral providers
- IT asset lifecycle management with 5-year replacement cycles

### Community Initiatives:

- VividTech for Good CIC IT reuse, repair, and donation schemes promoting circular economy
- Cycle-to-work scheme (one employee achieved 441kg CO<sub>2</sub> savings)
- Monthly environmental awareness training for all staff

## Future Carbon Reduction Initiatives

### Launching in 2025:

- **Zero to Green Pledge Platform** (<https://zerotogreenpledge.com>) - A digital solution supporting organisations globally in their Net Zero journey through carbon tracking, target setting, and progress reporting
- On-site solar photovoltaic feasibility study and potential installation
- Enhanced cloud carbon management with migration to carbon-neutral regions

### 2025-2030 Initiatives:

- Expanded remote working programme (40-mile radius eligibility)
- Scope 3 commuting measurement and reduction programme with carbon budgets
- Sustainable procurement framework prioritising renewable-powered suppliers
- Carbon awareness training integration into VividTech for Good community programmes

# Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

This Carbon Reduction Plan has been reviewed and signed off by the senior management team.

## Signed on behalf of the Supplier:

### Vivid Block Limited:

Name: Taiwo Okeneye 

Position: Director

Date: 23/12/2024

### VividTech for Good CIC:

Name: Eloise Davies 

Position: Director

Date: 23/12/2024