



# Carbon Reduction Plan 2023



PROC-ENV-001

## Version Control

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<b>Approved by:</b>	Innes Murray, Duncan Golding
<b>Date effective from:</b>	31/12/2023
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## Revision History

Version Number	Date	Summary of Changes
V1.0	31/03/2022	Carbon reduction plan 01 April 21 – 31 March 22
V2.0	31/12/2023	Carbon reduction plan 01 January 22 – 31 December 23

	Name and Role	Signature
<b>Written by:</b>	Liam Kilkenny Senior Consultant / Environmental Lead	 <u>Liam Kilkenny (Aug 28, 2024 16:37 GMT+1)</u>
<b>Approved by:</b>	Duncan Golding Director / CSR Steering Group Sponsor	

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**Supplier name:** BTTC

**Publication date:** 31/12/23

## 1. Introduction

BTTC is a high-performance infrastructure project consultancy founded on the principle that our industry can deliver projects 'better through total collaboration'. We are committed to the local communities we serve in our locations around the globe, and we are proud of the difference we can make to these communities through our work on projects.

At BTTC, we are committed to the future of our planet as part of our goal of 'leaving a lasting legacy'. As part of this, we have made the following commitments:

- ◆ We will be carbon neutral by 2026, and
- ◆ We will achieve net zero carbon emissions by 2050.
- ◆ 100% of our turnover is from markets which contribute to social value or carbon reduction.

Our approach to delivering on our environmental responsibility will be in line with our Environmental Policy: POL-ENV-001.

## 2. 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.

Reporting Year: Financial Year 2022	
Emissions	Total (tCO <sub>2</sub> e)
Scope 1:	0
Scope 2:	5.84
Scope 3:	126
Total:	132
Per employee:	4.26

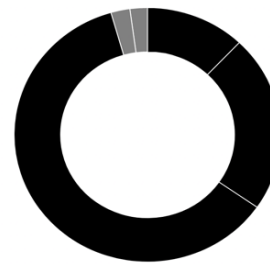
Estimated total emissions

tonnes CO<sub>2</sub>e ⓘ

132

Your emissions estimate is only based on the expenses and activities you provide. Missing expenses or activities would mean your full carbon footprint is not covered. Check out the [Business Carbon Calculator methodology](#) to better understand how we estimate your emissions.

Your scope overview

tonnes CO<sub>2</sub>e ⓘ

Scope 1 - Direct emissions

0

Scope 2 - Indirect emissions

5.84

Scope 3 - Supply chain emissions

126

Expense coverage (scope 3)

Great

### What are scopes?

#### Scope 1

Direct emissions from the combustion of fuel in assets that a company operates, such as fuel emissions from company-owned cars, diesel generators, gas boilers and air-conditioning leaks.

#### Scope 2

Indirect emissions from the generation of energy purchased from a utility provider, such as heating, cooling, steam, and electricity.

#### Scope 3

All indirect greenhouse gas emissions that do not fall under scope 2 - upstream and downstream. This calculator includes upstream emissions from purchased goods and services, capital goods, upstream transport and distribution, and business travel, calculated from your expenses.

## 3. Current emissions reporting

### Reporting Year: Financial Year 2023

Emissions	Total (tCO <sub>2</sub> e)
Scope 1:	2.7
Scope 2:	6.2
Scope 3:	666.1
Total:	675.1
Per employee:	22.6
Emissions Offset (See 4.1 Offset certificates)	210.48

\*Please note the above are the total global emissions.

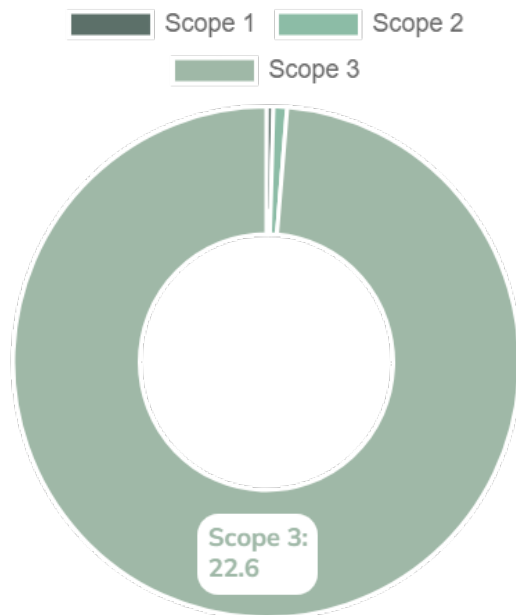


Figure 1 - Emissions per employee in 2023

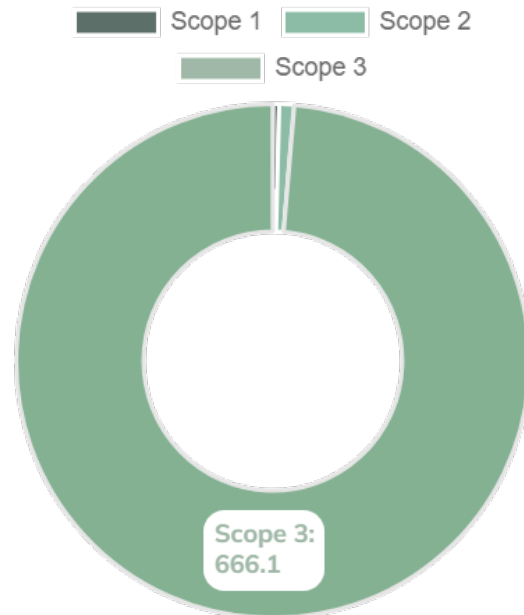


Figure 2 - Global emissions in 2023

## 4. Emissions reduction targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets as per our environmental policy.

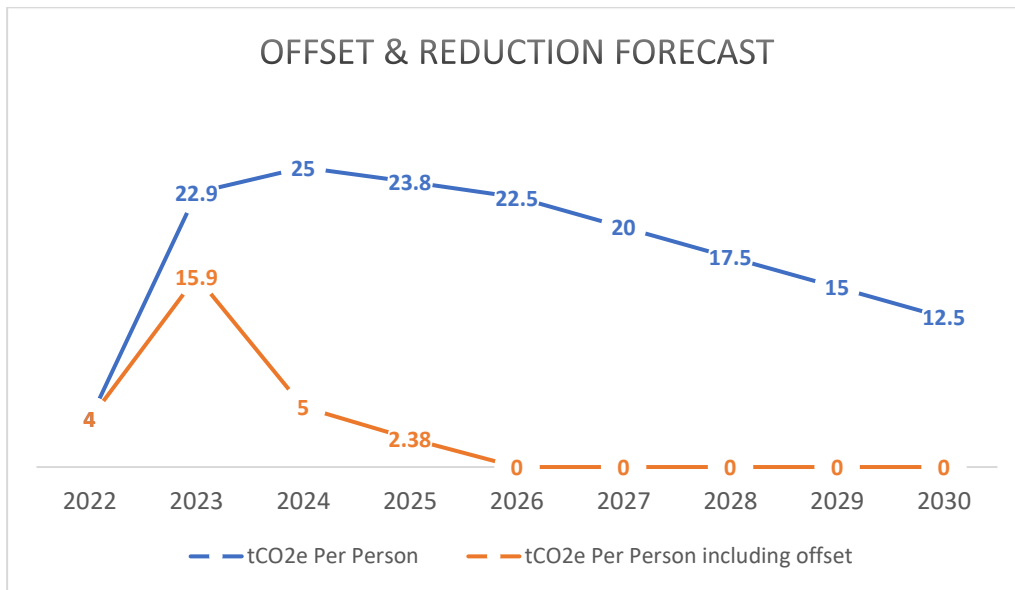
### 4.1 Carbon reduction plan statement 31/03/2022

In March 2022, we projected that our carbon emissions would decrease over the preceding five years to 38 tCO<sub>2</sub>e by 2027. This would have been a reduction of 71%.

### 4.2 Carbon reduction plan updated target

Since our original baseline exercise was completed in 2022, we have undergone a significant overseas expansion of our operations resulting in an overall increase of our carbon emissions. We have accordingly planned reduction initiatives to counteract this, which will see a fall in our emissions from 2025 onwards.

We project that we will be carbon neutral, through offsetting by 2027, and project that our Greenhouse gas emissions will reduce by 50% by 2030. By 2030, we project that our carbon emissions, per person, will have reduced to below 13 tCO<sub>2</sub>e.



## 4.3 Carbon reduction projects

### 4.3.1 Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline.

- ◆ The Board of Directors has established a corporate and social responsibility steering group to manage and deliver the business' goals and objectives for corporate and social responsibility. This steering group is responsible for delivering BTTC's environmental goals.
- ◆ We launched Vision 27, our five-year strategic plan which sets out our vision, goals and objectives for our business. This plan has set our goal to be carbon neutral by 2026 and be Net Zero by 2050.
- ◆ We have developed an environmental policy to set and manage the company's environmental goals, in accordance with ISO 14001.
- ◆ We have partnered with travel management company to offset 101% of travel-related carbon emissions.
- ◆ We have joined professional organisations to support the development of company knowledge on carbon recording and reduction, including:
  - ◆ the Supply Chain Sustainability School.
  - ◆ the Science Based Targets initiative.
  - ◆ the SME Climate Hub.
- ◆ We have implemented carbon accounting software and sought expert advice on the development of a route to Net Zero.

The carbon emission reduction achieved by these schemes equate to 240.486 tCO<sub>2</sub>e.

### 4.3.2 Future carbon reduction initiatives

Across our business, supported by the corporate and social responsibility steering group, we have planned initiatives to reduce our carbon emissions in line with our Vision 27 objectives and goals. These initiatives include:

- ◆ A change in recruitment and operational strategies to transition away from utilising offshore resources to a more in country-focussed approach. This will significantly reduce air travel, resulting in an estimated reduction of 40% our Scope 3 emissions by 2027.

- ◆ Offering a salary sacrifice electric car scheme to reduce carbon emissions relating to commuting. We estimate that this will reduce our carbon emissions by 1%.
- ◆ The implementation of a programme of education for our employees led by sustainability experts, giving them the skills and knowledge to reduce personal and company carbon emissions.
- ◆ The launch of company-wide initiatives to build employee engagement in carbon reduction measures, including the introduction of annual 'cycle to work' and 'no car' days.
- ◆ The introduction of sustainable procurement processes to reduce the carbon impact of purchasing, which we estimate will reduce our carbon emissions by 2%.
- ◆ Mandating all our directors to have personal footprint targets to reduce their own carbon emissions

## 5. Declaration

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 approved by the Executive Team.

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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>








# Carbon Reduction Plan 2023

Final Audit Report

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