



Cabinet Office

# Carbon Reduction Plan

Supplier name: GJ Beckett and Associates Limited

Publication date: September 2023

## Commitment to achieving Net Zero

**GJ Beckett and Associates Limited** is committed to achieving Net Zero emissions by 2035.

## 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: 2019-2020 (1 April 2019 to 31 March 2020).**

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

Emissions data had not been published in prior years therefore we selected 2019/20 as our base year. The methodology for measuring our carbon footprint is in line with the Greenhouse Gas protocol and the BEIS Environmental Reporting Guidelines. The calculations were completed on the Carbon footprint Calculator using the UK Government emissions factors

### Baseline year emissions:

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	3.1
Scope 2	4.1

<b>Scope 3 (Included Sources*)</b>	Purchased Goods and Services:	2898
	Capital Goods	0
	Fuel and energy Related Activities	0
	Upstream Transportation and Distribution	3.22
	Waste Generated in Operations	0.44
	Business travel:	3.47
	Employee commuting:	18.09
	Downstream transportation:	4.91
	Processing of Sold Products	10.5
	Other Scope 3 Emissions	1849.24
	End-of-Life Treatment of Sold Products	90
	Downstream Leased Assets	0
	Franchises	0
	Investments	0
Calculations use the Average-data method		
Scope 3 Total:	4877.47	
<b>Total Emissions</b>	<b>4885.37</b>	

## Current Emissions Reporting

<b>Reporting Year: 2022-2023 (1 April 2022 to 31 March 2023).</b>		
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	
<b>Scope 1</b>	<b>3.11</b>	
<b>Scope 2</b>	<b>4.1</b>	
<b>Scope 3 (Included Sources)</b>	Purchased Goods and Services:	276.4
	Capital Goods	0
	Fuel and energy Related Activities	0
	Upstream Transportation and Distribution	0.320
	Waste Generated in Operations	4.44
	Business travel:	0.18
	Employee commuting:	16.80
	Downstream transportation:	0.46

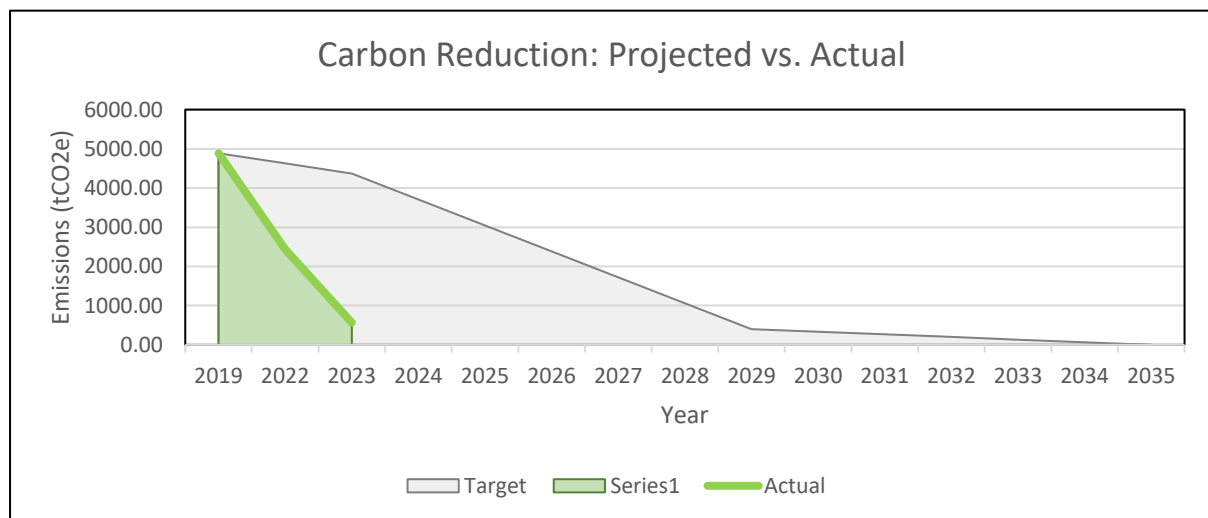
	Processing of Sold Products	0.64
	Use of Sold Products	184.29
	End-of-Life Treatment of Sold Products	75.48
	Downstream Leased Assets	0
	Franchises	0
	Investments	0
	Calculations use the Average-data method	
	Scope 3 Total:	<b>559.01</b>
<b>Total Emissions</b>	<b>566.22</b>	

## 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 400 tCO<sub>2</sub>e by 2029. This is an overall reduction of 92% from our baseline figure.

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



## Progress to date.

### Carbon Reduction Projects

#### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline.

The carbon emission reduction achieved by these schemes equate to 4319tCO<sub>2</sub>e, a 88% reduction against the 2019-2020 baseline. In effect at the time of publishing. Significant changes in the goods and services provided by the organisation has had a dramatic impact on the Scope 3 total of our

emissions and the flow down effects has therefore proportionally diminished in most areas. With such significant reductions in 2022-2023 it is certain that the rate of improvement will slow significantly and this needs to be considered when taking or making short term comparisons.

### **Carbon reduction projects to date include:**

- Replacement of Florescent and Incandescent/filament bulbs business wide for low power LED alternatives.
- 50% reduction in gas powered heaters replaced with Heat Pump units.
- Significant reduction in the provision, supply and support of power intensive hardware (including manufacturer process, in use, and End of life Treatment. Disposal)
- Transition of services to Cloud based virtual servers from less efficient separate location individual Telephony solutions.
- Increase of Remote interrogation of System reducing physical engineer site visits.
- Reduced commuting and business travel making use of teleworking and video conferencing where applicable.
- Reduction in the total provision of hardware as business and industry consolidate individual stand-alone hardware (such as proprietary handsets, servers and circuits boards) into pre-existing devices such as Laptops Server Farms and Cloud computing)

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

100% renewable electricity

Investigating options for 100% renewable energy for purchased hardware

Use of repurposing existing hardware rather than replacing with new to reduce purchased goods and services.

Continuing where feasible to further decrease employee commuting footprint by increased use of electric vehicles and teleworking

Smart implementation programmes to reduce engineer footprint

Increased engagement with our supply chain to identify areas where we can reduce carbon impact along the whole chain

Investigating the value of ISO 14001 to add to our existing ISO accreditations.

Replacement of Single Glazed Windows to energy efficient double-glazed units.

Significant reduction in use of paper products specifically where the resulting waste cannot be recycled.

## **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).

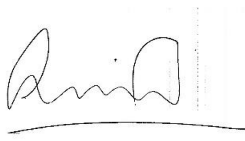
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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<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>

Signed on behalf of the GJ Beckett and Associates Limited:

A handwritten signature in black ink, appearing to read 'Chris Davis', is written over a horizontal line. The signature is stylized and cursive.

**Christopher Davis**

Managing Director GJ Beckett and Associates Limited

Date: 13<sup>th</sup> September 2023.