

**Carbon Reduction Plan**

**Supplier name:** Plowman Craven Limited

**Publication date:** 21<sup>st</sup> July 2023

**Commitment to achieving Net Zero**

**Plowman Craven** 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 2022	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
An initial set of baseline data was created in 2021 however, the earliest point in which we could obtain reliable collated data that didn't comprise a period where company operations were taking place in an abnormal/untypical way, (COVID-19 issues), is better reflected from our 2022 data.	
This is a revised version of reporting and creating a carbon reduction plan for Plowman Craven Limited however, as an organisation, we have been continually reducing our environmental impact over the years. We are accredited to ISO 14001 and have installed PIR lighting at both office locations. Solar panels are installed at our Harpenden office, as well as increased staff awareness of environmental issues and how our business activities impact them. Activities already undertaken to reduce carbon emissions within our organisation are reflected within this baseline figure which we had to consider when planning how we can further bring about reductions to help us meet our commitment to reach net zero by 2050.	
We remain committed to reaching net zero, although our progress at first may be hesitant until normal operational levels return, at which point we may adopt a period of more typical operation and calculate a revised baseline and target progress.	
<b>Baseline Year Emissions</b>	
Emissions	<b>TOTAL (tCO2e)</b>
Scope 1	53.2
Scope 2	50.3
Scope 3	1.4
Total Emissions	<b>104.9</b>

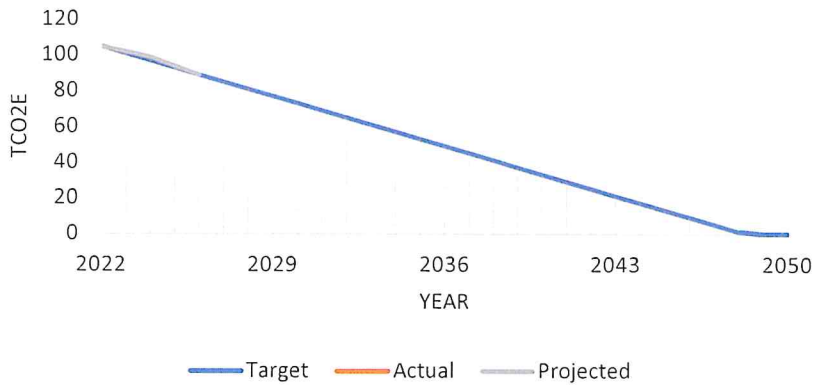
**Emissions reduction targets**

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

- Achieve a 100% reduction of carbon dioxide equivalent (CO2e) emissions by 2050
- We project that carbon emissions will decrease over the next four years to **88.9** tCO2e by 2027. This is a reduction of **15%**.

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

Carbon Reduction: Projected vs Actual



**Carbon Reduction Projects**

**Completed Carbon Reduction Initiatives**

The following environmental management measures and projects have been completed prior to our baseline figures but will continue to assist in our overall move to net zero:

- Accreditation to ISO 14001
- Installation of PIR lighting at Harpenden and London Offices
- Installation of solar panels at Harpenden office
- Creation of an “Eco Team” made up of employees championing reduction of the companies environmental impact
- “Zero” waste to landfill
  - Recycling of organic office waste

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

- The inclusion of hybrid vehicles to the operational fleet (initial vehicle purchased and charging points already installed)
- Internal reflective film on windows to improve heat retention and cooling
- Reduction in the generation of waste and increased reuse and recycling of waste that remains “initiatives”

**Declaration and Sign Off**

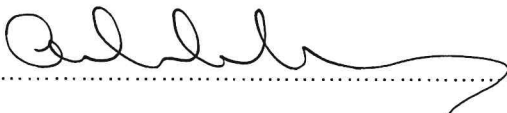
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard 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 board of directors (or equivalent management body).

**Signed on behalf of Plowman Craven Limited:**

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Date: 24 July 2023