

Carbon Reduction Plan

May 2025



Commitment to achieving Net Zero

Waracle is committed to achieving Net Zero emissions by 2050.

Baseline Year: 2024

As this is our first year of comprehensive carbon footprint reporting in accordance with PPN 06/21, the data in this document represents our current emissions for the reporting year. This will serve as our baseline for future comparisons and tracking of our reduction targets.



Current Emissions Reporting

Reporting Year 2024

This section details our current emissions for the reporting year 2024, which serves as our baseline for future comparisons and tracking of our reduction targets. This is our first comprehensive assessment of our carbon footprint, including Scope 3 emissions as required by PPN 06/21. For Scope 3, we have included Category 1 (Purchased Goods and Services), Category 4 (Upstream Transportation and Distribution), Category 5 (Waste Generated in Operations), Category 6 (Business Travel), and Category 7 (Employee Commuting).

Category 1:

Category 1 emissions have been calculated using the spend-based method. Expenditure data from our financial records for purchases excluding costs covered by Scopes 1 & 2 and Scope 3 Categories 4, 5, 6, 7, and 9 has been multiplied by relevant emission factors. These factors represent an average emission intensity per pound sterling (£) spent on various goods and service categories, including (but not limited to): Marketing, Business Services, Financial Services, Software, Property Management, Recruitment Services, Training Services, Digital Services, and Telecommunications.

Category 4:

Calculated using the spend-based method, broken down into direct costs for postage and delivery plus an estimated proportion of our spend on other purchases where delivery charges are not separately itemised on supplier invoices.

Category 5:

Estimated based on the proportion of property service charges attributable to waste disposal as this cost is not separately detailed.

Category 6:

Emissions from business travel (Scope 3, Category 6) have been calculated using a distance-based method. Staff provided details on the modes of transport used for business travel and the estimated distances travelled for each mode (e.g., miles by car, train, air). These distances were then multiplied by the relevant emission factors for each mode of transport, considering fuel type as applicable.

Category 7:

Emissions from employee commuting (Scope 3, Category 7) have been estimated using a distance-based method based on data collected directly from our staff through a questionnaire. This survey gathered information on the primary modes of transport used for commuting to the office and the estimated distances travelled for each mode. The responses were then multiplied by the relevant emission factors for each mode of transport. In addition, our assessment of Category 7 includes emissions from homeworking. To estimate these emissions, the staff questionnaire also collected data on the number of days worked from home. For the energy use associated with homeworking (specifically heating), an activity-based method was utilised, applying relevant emission factors to estimated energy consumption based on typical usage patterns and the number of homeworking days.

Category 9:

Determined to be not applicable to our business model due to our primarily professional services in software development activities and the absence of physical product distribution to end customers.

All emissions factors sourced from the UK Government GHG Conversion Factors for Company Reporting (2024).

Emissions

Scope 1		11.0		255.2
Scope 2		18.7		
Scope 3	Category 1	174.2	225.5	
	Category 4	1.3		
	Category 5	6.95		
	Category 6	3.33		
	Category 7	9.7		

TOTAL (tCO2e): 255.2

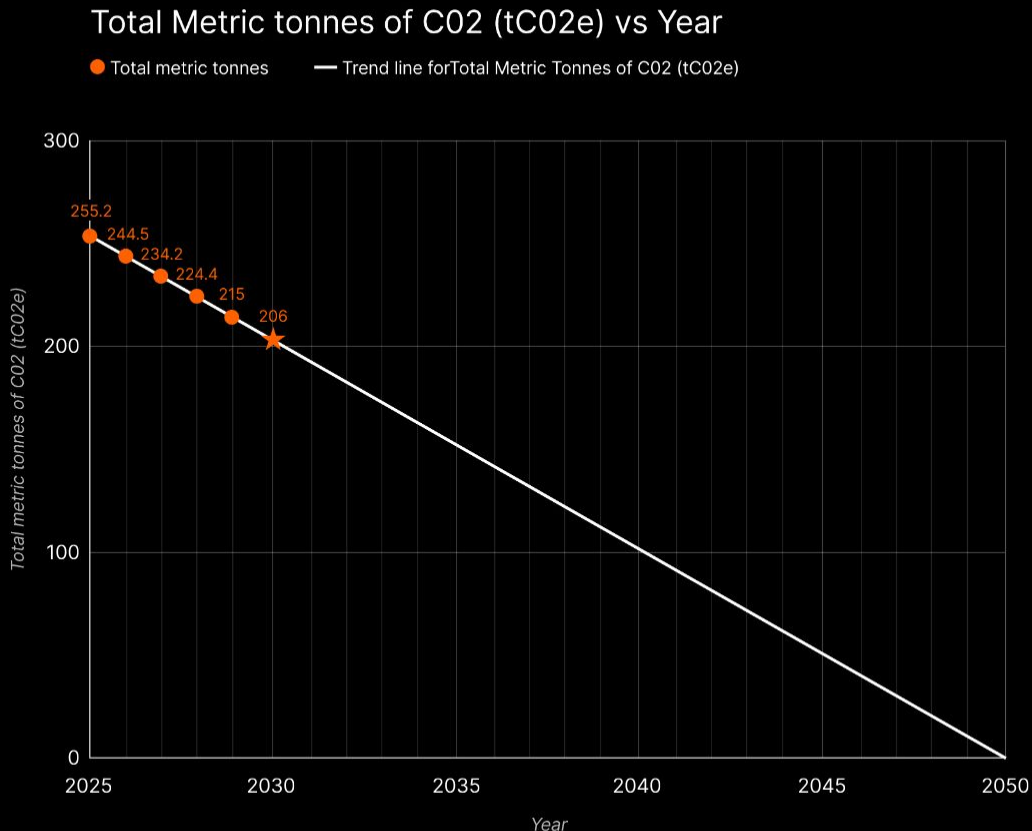
Emissions Reduction Targets

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

Utilising the Science-based Target Initiative Framework (SBTi) that recommends SME's achieve a 4.2% year on year reduction to align with 1.50C climate goals we are projecting a total decrease of 19.4% (compounded).

We project that our carbon emissions will decrease over the next five years to 206.0 tCO₂e by 2030. We will establish interim targets and regularly review our progress to align with a Net Zero trajectory by 2050.

Progress against these targets can be seen in the graph:



Carbon Reduction Projects



Completed Carbon Reduction Initiatives

As this is our first year of comprehensive reporting, we are currently implementing the foundational processes for carbon accounting and target setting. However, we have already undertaken initiatives that contribute to emissions reduction, such as:

- Waracle adopts a Hybrid Working policy that fully enables remote working for all functions of the business in order to limit the requirement for travel and greater office footprints.
- Waracle routinely offers the cycle-to-work scheme as a benefit to its employees
- Waracle operates paperless processes to reduce on demand and disposal/recycling costs



Future Carbon Reduction Initiatives

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

- Prioritising Suppliers taking active steps to reduce their carbon emissions with Published environmental declarations and those with ISO 14001 certification. (Scope 3 Category 1)
- Implement virtual meeting justifications for all short-haul flights
- Utilising majority Mac hardware across the business to reduce our hardware lifecycle emissions
- Prioritising locally sourced products for use in our offices

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 board of directors (or equivalent management body).

Signed on behalf of the Supplier:

Sharon Dickie

Date: 21/05/2025

SHARON DICKIE
Chief Operating Officer