

# Andromeda Solutions: Carbon Reduction Plan

## Introduction

Andromeda Solutions, based in Middlesbrough with offices in York and Gateshead, is committed to achieving Net Zero carbon emissions by 2050. Our carbon reduction plan outlines the steps we will take to minimize our carbon footprint, in line with Science-Based Targets Initiatives (SBTi), ensuring our actions align with the latest climate science. This document details our strategies, timelines, and monitoring processes to achieve our Net Zero goal.

## Net Zero Commitment

### Net Zero Commitment Year: 2050

Our Net Zero commitment is an integral part of our corporate responsibility and sustainability efforts. We understand the importance of addressing climate change and are dedicated to reducing our carbon emissions to Net Zero by 2050.

## Submission Year

### Submission Year: January to December Calendar Year

We will follow a January to December calendar year for our carbon reduction plan submissions, allowing for consistent annual tracking and reporting of our progress.

## Baseline and Current Emissions

Baseline Year: 2023

Current Year: 2023

Our carbon footprint for the baseline year 2023 is detailed below:

### Scope 1 Emissions:

- Zero – Our business activities do not contribute to Scope 1

### Scope 2 Emissions:

- UK Electricity
- Total Emissions: 1.130626 tCO<sub>2</sub>e

### Scope 3 Emissions:

- Diesel (Medium car, 7200 miles): 1.9369 tCO<sub>2</sub>e

- Petrol (Medium car, 14400 miles): 4.1293 tCO<sub>2</sub>e

## Strategies for Achieving Net Zero

### 1. Energy Efficiency

**Objective: Reduce energy consumption and transition to renewable energy sources.**

- **Upgrade Infrastructure:**
  - Replace traditional lighting with energy-efficient LED lighting.
  - Upgrade to energy-efficient HVAC systems and appliances.
  - Install smart meters and energy management systems to monitor and control energy usage.
- **Renewable Energy:**
  - Transition to 100% renewable energy sources for all operations.
  - Install solar panels on office buildings where feasible.
  - Purchase renewable energy certificates (RECs) to offset remaining non-renewable energy usage.

### 2. Sustainable Transportation

**Objective: Minimize emissions from transportation and promote sustainable travel options.**

- **Electric Vehicles:**
  - Transition company fleet to electric vehicles (EVs).
  - Install EV charging stations at all office locations.
- **Employee Travel:**
  - Promote remote working and virtual meetings to reduce business travel.
  - Encourage carpooling and the use of public transportation.
  - Offer incentives for employees who use bicycles or other sustainable modes of transportation.

### 3. Waste Management

**Objective: Reduce waste generation and promote recycling and reuse.**

- **Recycling Programs:**
  - Implement comprehensive recycling programs in all offices.

- Educate employees on proper recycling practices.
- **Waste Reduction:**
  - Promote digital documentation and communication to reduce paper usage.
  - Implement a waste reduction policy that includes targets for reducing plastic and other non-recyclable materials.
- **Supplier Engagement:**
  - Work with suppliers to reduce packaging and promote the use of recycled materials.

#### 4. Supply Chain Management

**Objective: Ensure our supply chain is sustainable and has a minimal carbon footprint.**

- **Supplier Assessment:**
  - Conduct sustainability assessments of our key suppliers.
  - Prioritize partnerships with suppliers who have strong environmental and carbon reduction practices.
- **Sustainable Procurement:**
  - Develop and implement a sustainable procurement policy.
  - Promote the purchase of recycled, low-carbon, and sustainably sourced products.

#### 5. Employee Engagement

**Objective: Foster a culture of sustainability within the organisation.**

- **Education and Training:**
  - Provide regular training on sustainability practices and carbon reduction strategies.
  - Organise workshops and seminars to increase awareness of environmental issues.
- **Incentives:**
  - Create incentives for employees to adopt sustainable practices, such as rewards for using public transportation or participating in company recycling programs.
- **Sustainability Champions:**

- Establish a network of sustainability champions across all departments to promote and lead green initiatives.

## 6. Monitoring and Reporting

**Objective: Track progress and ensure transparency in our carbon reduction efforts.**

- **Tracking Systems:**
  - Implement a robust system for tracking carbon emissions across all scopes.
  - Use carbon accounting software to monitor and report emissions.
- **Annual Reporting:**
  - Publish annual carbon reduction progress reports.
  - Review and update the carbon reduction plan annually to incorporate new technologies and practices.
- **Third-Party Verification:**
  - Engage third-party auditors to verify our carbon footprint and reduction efforts.

## Conclusion

Andromeda Solutions is dedicated to achieving Net Zero by 2050 through a comprehensive and science-based carbon reduction plan. By focusing on energy efficiency, sustainable transportation, waste management, responsible supply chain practices, and employee engagement, we are committed to significantly reducing our carbon footprint. Our commitment to transparent monitoring and reporting ensures accountability and continuous improvement in our journey towards Net Zero.

## 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>.

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

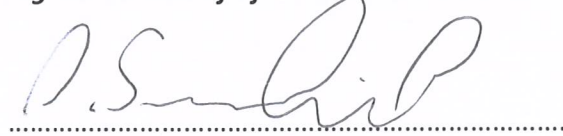
<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>



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).

***Signed on behalf of Andromeda Solutions:***



PETER SUMMERHILL

Date: 18/10/2024

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<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>