



# Carbon Reduction Plan

Supplier name: Acusensus UK Ltd

Publication date: 19/05/2025

## Introduction



As the reality of climate change becomes ever more evident, the pursuit of net zero emissions has become an essential goal for Acusensus UK Ltd. This Net Zero Plan details our approach to cutting greenhouse gas emissions, mitigating our environmental impact, and promoting a sustainable future. Acusensus is a socially responsible business, with our day to day focus already aiming to make roads and communities safer for everyone.

Understanding the urgency of the climate crisis, this plan sets ambitious yet realistic targets to balance the greenhouse gases we produce with those we remove from the atmosphere.

The Net Zero Plan underscores the necessity of engaging a diverse group of stakeholders. It highlights the collaborative effort required from individuals, businesses, governments, and communities. Our commitment is guided by the principles of transparency, accountability, and continuous improvement.

Although the path to net zero faces many challenges, our commitment and shared sense of responsibility will help us to achieve a resilient and sustainable future for generations to come. This introduction marks the beginning of our comprehensive and determined effort to tackle climate change and secure a healthier planet.

This Net Zero Plan is based on the development and understanding of our Baseline Carbon Footprint during the calendar year 2025, and ongoing carbon monitoring. It also reflects our commitment to decarbonisation, as demonstrated through our efforts to implement our Carbon Management System.

## Commitment to achieving Net Zero

**Acusensus UK Ltd** is committed to achieving Net Zero emissions by 2050.

This Net Zero Plan will be reviewed annually as a minimum, and as required due to any changes in industry changes, availability of emerging technologies, improvements to infrastructure, or at the request of our clients.

## 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. Establishing a baseline is crucial for understanding the current carbon footprint and setting meaningful targets for reduction. It serves as a reference against which future emissions reductions can be measured, allowing organisations to track progress and evaluate the effectiveness of their carbon reduction strategies.

<b>Baseline Year: 2025 (calendar year)</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<i>Acusensus UK Ltd is committed to calculating and publishing its emissions using the calendar year 2025 as its baseline emissions year. Acusensus are already in the process of gathering this data and creating our Baseline Emissions Footprint and commit to publishing our Baseline Emissions Footprint within the first 12 months of the contract. Our proposed publication date is 6<sup>th</sup> April 2026. The Scope of our Baseline will include all appropriate areas of Scopes 1, 2 and 3 with a boundary including: Fuel, Heat, Electricity, Materials, Waste, Water, WTT, T&amp;D, Business Travel, employee commuting.</i>	
<b>Baseline year emissions:</b> <i>TBC as above</i>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	
<b>Scope 2</b>	
<b>Scope 3 (Included Sources)</b>	
<b>Total Emissions</b>	<i>TBC as above</i>

## Current Emissions Reporting

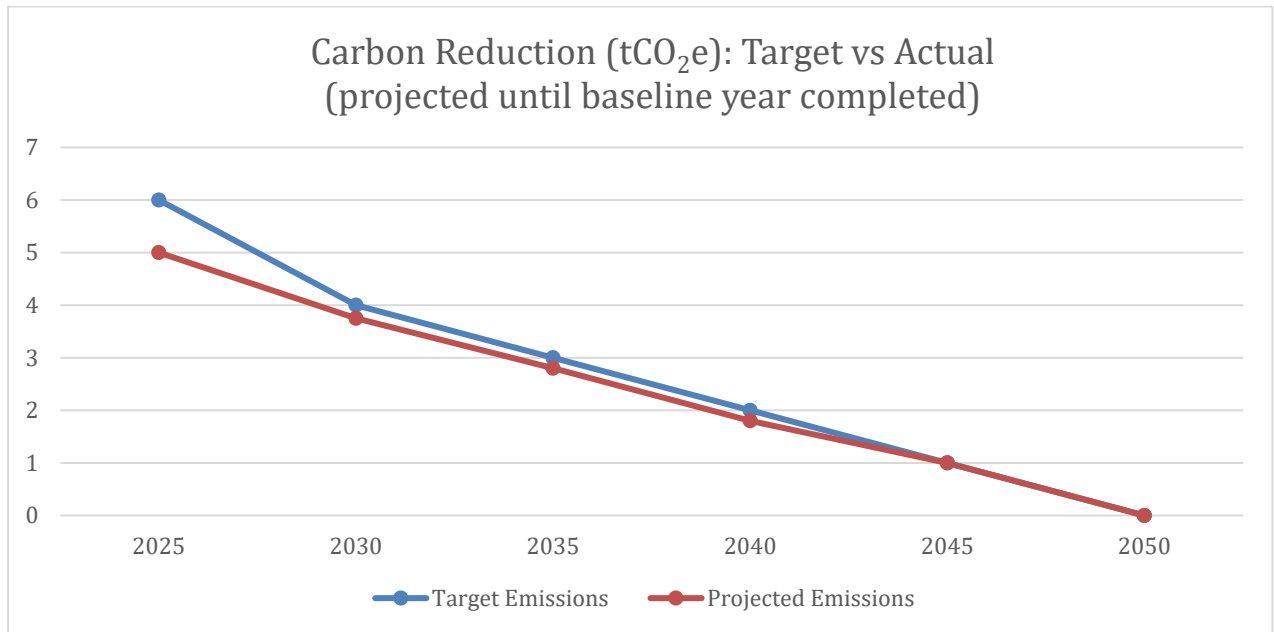
<b>Reporting Year:</b> <i>TBC upon completion of baseline year and first reporting period</i>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	
<b>Scope 2</b>	
<b>Scope 3 (Included Sources)</b>	
<b>Total Emissions</b>	<i>TBC as above</i>

## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have begun to consider the following carbon reduction targets:

Whilst we are awaiting our finalised Baseline year figures, taking an estimated start point of 5 tCO<sub>2</sub>e, we project that carbon emissions will decrease over the next five years to 3.75 tCO<sub>2</sub>e by 2030. This is a reduction of 25% and is based on our educated assumption that significant reductions can be made in the early phases of our reduction plan, due to improvements we are able to make within a quick time frame. We further believe that new and emerging technologies will allow for further reductions in the 2040-50 phase. Please note, at present these figures are targets and may be reviewed / adjusted on completion of the Baseline Emissions Footprint 2025 publication due in April 2026. Targets and objectives will be reviewed as a minimum annually.

Aspirational progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed / Implemented Carbon Reduction Initiatives

The following environmental management measures and projects are being implemented during our 2025 baseline year. The carbon emissions reduction achieved by these schemes will be quantified during the Baseline Emissions Year when compared to the available data from prior to implementation, and the measures will be in effect when performing the contract.

- Doubling battery capacity for each roadside unit, linked to solar panels.

## Future carbon reduction initiatives

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

- Exploration of more sustainable fuel sources for trailer units including: alternative fuel sources (such as HVO where possible) / high efficiency generators where necessary and exploration of emerging technologies such as hydrogen fuel cells when available.
- When contracts expire, consider replacing existing diesel powered vehicles with EVs, thus reduction the emissions associated with moving trailers between operational sites.
- Collaboration with Value / Supply Chain and exploration of strategies to reduce Scope 3 emissions broadly in line with the requirements of PAS 2080.
- Collaborative exploration of Sustainable Power options for our workshop with landlord at renewal point, using Ofgem tools such as Fuel Mix Disclosure (FMD) and Renewable Energy Guarantees of Origin certificates (REGOs).

- Obtain external 3<sup>rd</sup> party certification for ISO 14001:2015 to ensure that our environmental aspects and impacts are identified and targets / objectives set against reduction of significant impacts is independently audited.
- Continue to develop our Carbon Management Systems broadly in line with the requirements of PAS 2080:2023 Carbon Management in Infrastructure and Built Environment.
- Ensure robust policy / procedure and education is available to all employees around environmental sustainability (such as anti-idling policies, sustainable driving behaviours, no supply of single-use plastics within the work environment, recycling processes within work environment that exceed current regulatory requirements etc).
- Investigate the use of less 'power hungry' components and subsystems, allowing for wider use of renewable energy as the primary power source.

## **Monitoring, Audit and Communication**

This Net Zero Plan, along with associated documentation, performance and any identified NCR will be audited for effectivity, initially every 6 months by both the Senior Leadership Team and external consultant. This review will identify additional resource, strategy change and general performance of the Plan.

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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).

### Signed on behalf of the Acusensus UK Ltd:

Alexander Jannink, Managing Director.

Date: 23<sup>rd</sup> May 2025

Issue Date	Revision Number	Changes	Date of next SLT audit
May 2025	1	Issued for Use	Nov 2025

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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>2</sup> <https://ghgprotocol.org/standards/scope-3-standard>