Carbon Reduction Plan

Supplier name: ……AJS Ltd……

Publication date: ……November 2024……

Commitment to achieving Net Zero

AJS Ltd 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: 2023	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	722.5
Scope 2	129
Scope 3 **(Included Sources)**	12.8 (Commuting and Expensed fuel)
Total Emissions	864.3

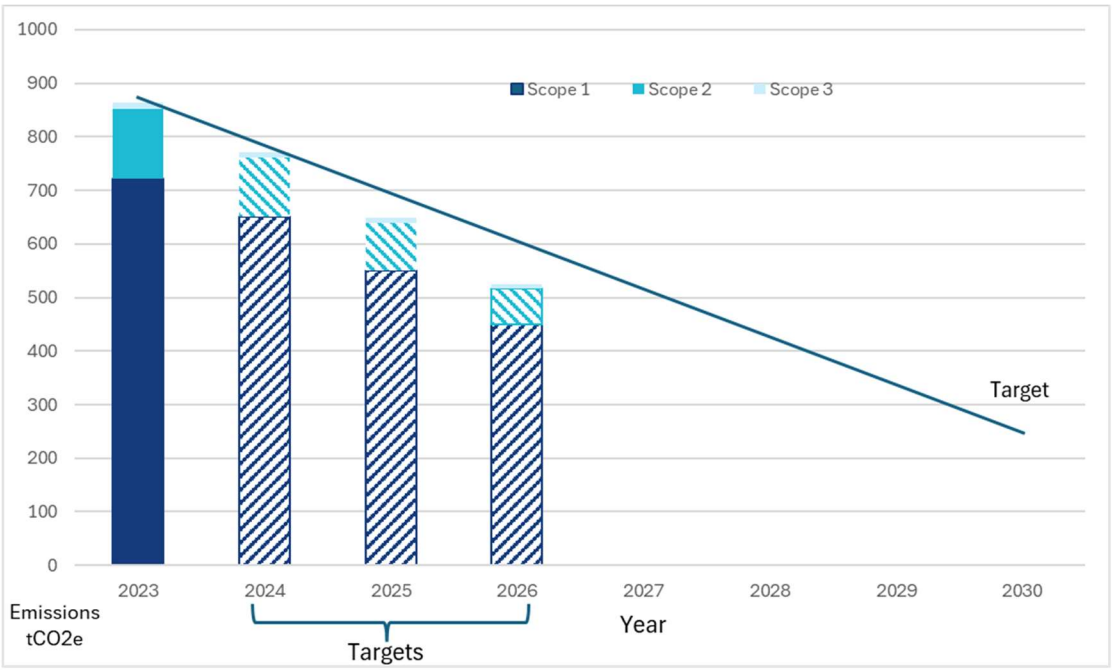
Emissions reduction targets

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 three years to 525.5 tCO_2e by 2027. This is a reduction of 64%.

EMISSIONS	Target 2024	Target 2025	Target 2026
Scope 1 - emissions are direct greenhouse gas emissions	650	550	450
Scope 2 - emissions are indirect greenhouse gas emissions	111	89	67
Scope 3 - emissions include all sources not within an organisation's scope 1 and 2 boundary.	11	10	8.5
Total Emissions	**772**	**649**	**525.5**

Progress against targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following shows the measures we are committed to, to reduce our carbon emissions and the initiatives that we have already undertaken.

Measures we are Committing to

- By end of 2024, 50% of the vehicles on contract will be electric – by year end 2025, 85% - year 2030 100%
- 9 EV charging units at office -
- Solar PV at our office - will support direct administration of contracts
- Utilise dynamic scheduling to minimise journeys
- Van stock bespoke to client installations and servicing
- Use products with minimal carbon impact
- Utilise MS Teams for meetings - reducing travel
- Produce a monthly CO^2 report detailing performance against targets - using trackers to measure distance and fuel consumption

Initiatives we have Already Undertaken

Energy Efficient Equipment and Materials

Working with our key supply chain partners and manufacturers we identify and use energy efficient equipment and materials wherever possible, for example:

- LED's energy efficient lighting technology reduces energy costs by up to 70% - AJS replaced Emergency Lighting systems with LED – longer life/less energy usage
- Light sensors can turn off lights in areas not being used – i.e. corridors, toilets etc.
- Ensuring heating temperatures are maintained (19- 22°C) – significant savings - 20%
- Utilising wireless products – Zerio detectors
- Door guards – that utilize battery life – no need for cables, trunking or electricity supply
- Installation of AOV systems with environmental controls – when buildings reach a max temperature the AOV systems open to release heat avoiding the use of air conditioning
- Working in partnership with manufacturers – to understand existence of more sustainable parts and equipment that - generate less heat, less energy usage, less cost etc.
- Wider use of automated services – including electronic logbooks – with scanning facilities
- Advising clients to create 'zones' with different temperature controls – unoccupied areas

Managing Waste and supporting the circular economy

Reduce - we produce a Site Waste Management Plan (SWMP) for each project to reduce waste through intelligent programme design – designing in waste reduction on materials, energy, carbon, water, COSHH and WEEE products.

Reuse – we use the SWMP to identify opportunities to reuse materials – i.e. using Ecoseal sealant cartridge sleeve which can be re-used up to 75 times and fits all standard sealant guns – in 6 months we saved more than 6,000 cartridges going to landfill.

Example - when we upgrade and or replace obsolete installations, we will store obsolete components and use them for repairs on existing client systems, reusing parts and cost reductions on purchasing and lifecycle.

Landfill – currently AJS divert more than 99% of our waste from landfill

Sustainable procurement

- AJS has adopted the principals and guidelines of ISO20400

- We consider Chain of Custody – where possible
- We only use materials and products that minimize environmental impact
- We engage supply chain and manufacturers to make sustainable purchasing decisions

Environmental benefits through the Supply Chain

AJS considers:

- Energy usage of materials – ensuring we use more sustainable and environmental products
- Ensuring raw materials used – are always from sustainable sources
- Manufacturing processes – based on more environmental and sustainable parts
- Transport of equipment and materials - based on smart travel - domestic where possible
- Installation of equipment and Materials – ensuring sustainable practices are used
- Maintenance – of systems is always in compliance with manufacturers recommendation
- Disposal of materials – in compliance with waste regulations

Reduction initiatives

AJS:

- Regularly meets with supply chain and manufacturers to discuss the latest innovations
- Attends manufacturing training
- Participates in climate change surveys and forums
- As active core group members - we regularly invite key supply chain partners and manufacturers to attend meetings – to discuss market leading initiatives - such as future proofing systems etc.
- Participates in collective carbon offsetting initiatives – planting trees etc.

Supply Chain Selection

AJS only works with those suppliers who are working to:

- Reduce fuel, gas, electricity consumption to reduce CO^2 emissions
- Undertake inspections to ensure compliance with projects Environmental objectives
- Demonstrate compliant procedures and continued best practice

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 the Supplier:

……P.J. O'Connor…(MD)……..

Date: …11th November 2024……..…….