

Carbon Reduction Plan

Supplier Name: Arrow County Supplies

Publication Date: January 2024

Commitment To Achieving Net Zero

Arrow County Supplies is committed to achieving Net Zero emissions by **2040**.

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: 2020/21 (01/01/2020 – 31/12/2020)	
Additional Details relating to the Baseline Emissions calculations.	
Notes: Our baseline emissions year includes all measurable Scope 1 and 2 emissions (including direct vehicle emissions, direct vehicle emissions, and indirect emissions from purchased energy) and all currently measurable Scope 3 emissions. All calculations have been made using the relevant greenhouse gas emission conversion factors, using metered source data (as recommended by the UK Government's Department for Business, Energy & Industrial Strategy).	
Baseline Year Emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	332.6
Scope 2	75.6
Scope 3 (Included Sources)	147.46
Upstream Transport & Distribution	N/A*
Waste Generated	N/A*
Business Travel	0.09
Employee Commuting	106
Downstream Transport & Distribution	41.37
Total Emissions	555.96

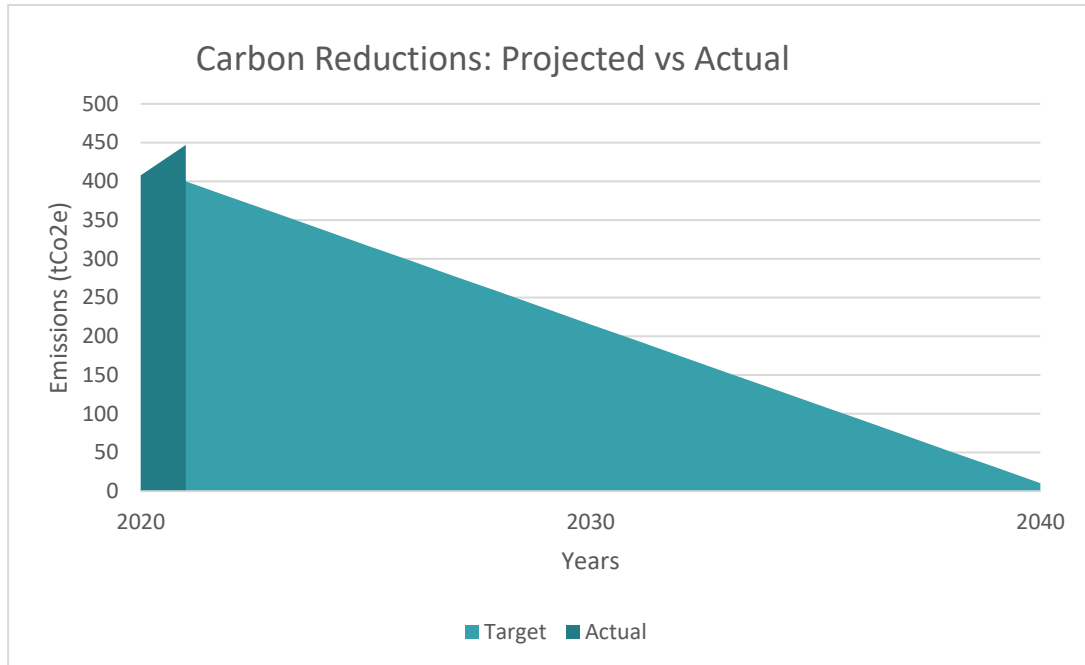
*We are in the process of collecting data where possible to provide an estimate for next year's report.

Current Emissions Reporting

Reporting Year: 2023/24 (01/01/2023 – 31/12/2023)	
<p>Notes: Our 2022 emissions report includes all measurable Scope 1 and 2 emissions, including direct vehicle emissions, indirect emissions from purchased energy, and all currently measurable Scope 3 value chain emissions. As part of our company carbon reduction plan, we are developing our Scope 3 emission reporting capabilities to include all sources included below. for Business, Energy & Industrial Strategy - from metered source data.</p> <p>The impact of the COVID-19 pandemic from 2020-2021 (the baseline year above), and the subsequent lockdown restrictions, led to a relative reduction in usual business activity. The resulting end of lockdown restrictions led to increased business operations and therefore increases to Scope 1 and 2 emissions. These increases, and their subsequent effect on Scope 3 emissions, were mitigated by company investments including implementing FuelActive technology, installing SMART LED lighting and introducing backhaul logistics.</p>	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	419
Scope 2	50
Scope 3 (Included Sources)	167.32
Upstream Transport & Distribution	N/A
Waste Generated	N/A
Business Travel	0.009
Employee Commuting	106
Downstream Transport & Distribution	41.36
Total Emissions	616.369

Emissions Reduction Targets

We are currently working with Sustainability West Midlands to formalize our 2023-2040 emission reduction targets for Scopes 1, 2 and 3, to continue our progress towards achieving Net Zero by 2040 (current progress illustrated in graph below):



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since our 2020 baseline. The carbon emissions reduction achieved by these schemes equates to an 11% reduction against our 2020 emissions intensity baseline (from 6.6 tCO₂e per employee to 5.9 tCO₂e per employee).

Carbon reduction projects have included:

- Achieving EcoVadis Gold Level accredited
- Successful ISO:14001 re-certification (maintained since 1991).
- Reducing emissions generated by company vehicles through installation of FuelActive technology, MaxOptra transport management system, and backhaul vehicle arrangements.
- Installing SMART LED lighting throughout our National Distribution Centre (NDC).
- Developing our hub-and-spoke distribution network, opening a new Scottish Regional Distribution Centre (RDC) in November 2023. This has allowed to operate local pick, pack, and delivery to our Scotland and North customers, reducing delivery distances and associated carbon impact.
- Transition to 100% SMART LED lighting throughout our main office building,

car park, and all distribution centers, including motion, light, and time sensors.

- Developing Arrow's 'For Humanity' sustainability programme, helping to build and implement our corporate sustainable strategy throughout our value chain, with Net Zero as the headline goal.
- Formalising our company-wide flexible working policy, resulting in a reduction to business travel and commuting.
- Expanding use of virtual meeting technology, e.g. Teams/Zoom, to support digital conferencing, reducing the need for business travel.

Supporting our proposed roadmap to Net Zero, the following carbon reduction initiatives are planned:

- Collaborating with Sustainability West Midlands to formalise our carbon reduction plan, including setting carbon budgets and improving our data collection process to aid reduction and progress measurement.
- Transition to 100% REGO (Renewable Energy Guarantee of Origin) certified electricity, classified by Ofgem as carbon neutral (**83% REGO-certified electricity**).
- Transition to a zero-emission vehicle fleet (**90% low, ultra-low or electric vehicles by 2035 and a net zero fleet by 2040**).
- Grow our national distribution infrastructure to reduce travel distances and support introduction of electric vehicles to key geographical areas (**opening 2 additional RDCs by 2025**).
- Enhance carbon data collection processes, using accredited emissions factor databases to gather average product level tCO₂e data and improve Scope 3 emissions reporting capability (**reporting on all Scope 3 emissions by 2025**).
- Engaging with suppliers to support our Net Zero goals, requiring suppliers to report their carbon footprint data to improve the accuracy of carbon measurement.
- Evaluating our entire product portfolio with specific plans to promote more efficient product sourcing/end-of-life disposal, such as reducing single use plastic and switching from disposable to reusable products (**100% sustainable 'Greenleaf' product sales by 2028**).
- Promote sustainable travel initiatives and supporting sustainable travel options for commuting and business travel, e.g. Cycle2Work, installing onsite EV charging points.
- Review offsetting opportunities that align with our business model, involving our suppliers to reduce indirect emissions and close the gap between actual and Net Zero carbon.

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 standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

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) Standard⁶.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body) of Arrow County Supplies Ltd (Registration No. 06355141).

Signed on behalf of the Supplier:



Bruce Blackledge, Managing Director

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Date: **31/01/2024**

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>