

Carbon Reduction Plan - PPN 06/21 Compliant



Our Company has pledged to achieve Net Zero status by the year 2050, aligning our carbon reduction efforts with the roadmap outlined by the Intergovernmental Panel on Climate Change (IPCC), and adhering to the principles of the Science-Based Target Initiative (SBTi).

V3: 30/06/2024

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1. Commitment to Achieving Net Zero

Asbestos Control & Treatment Limited is committed to achieving Net Zero emissions by 2050.

At ACT, environmental considerations are an integral part of our decision-making process, and all activities performed by our business, whether directly or on behalf of others, actively support the environmental and Net Zero Carbon objectives of both our organisation and those of our clients.

The management of raw materials, energy resources, and waste products is conducted with consideration of their sustainability carbon footprint.

Waste products are managed in strict accordance with established best practices, with recycling rates consistently exceeding 97%.

To promote the use of best practice in all of our operations, we conduct regular environmental audits and use the findings to evaluate our performance alongside continuous improvement.

2. 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	
Additional Details relating to the Baseline Emissions calculations.	
Due to changes in organisation, structure and approach we are using 2023 data as a new baseline for the organisation.	
Baseline year emissions: 2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	111.75
Scope 2	1.97
Scope 3 (Included Sources)	28.4
Total Emissions	142.13

3. Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	111.75
Scope 2	1.97
Scope 3 (Included Sources)	28.4
Total Emissions	142.13

4. Emissions Reduction Targets

To achieve carbon zero by 2050, we will continuously identify and embed a range of low-zero carbon/sustainable practices into the delivery of all projects. To measure this impact, we are committed to our journey toward achieving carbon neutrality by 2050 and have set the target date for baselining our Scope 1 and 2 emissions in 2023, with Scope 3 (supply chain) to follow.

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 five years to 115tCO₂e by 2029. This will represent a reduction of 19%.

5. Carbon Reduction Projects - 2024

Fleet and Transport: To reduce carbon emissions through the efficient management of our fleet, for 2024 we will implement:

- Green Travel Plans to strategically plan routes to/from site and reduce emissions from unnecessary journeys. KPIs are used to measure journey time and transportation modes of which is captured on our site registers and incorporated into each project's Carbon Reduction Plan.
- We employ a fleet of low-emission vehicles as well as hybrid vehicles, our fleet also features an automatic shut-off function to reduce emissions when stationary.
- Internal Driving Efficiency Toolbox talks that includes topics such as: Reducing Fuel Consumption, Vehicle Maintenance and Inspection and Route Planning
- Car sharing and cycling is encouraged amongst our teams in addition to use of public transport where feasible.

CO2 Savings arising from Energy Efficiency Measures:

- Switching from lower efficiency T12 and T8 lamps to higher efficiency T5 or even better, LED lamps to reduce energy consumption and lead to economic savings.
- Installation of motion and daylight sensors will reduce energy consumption by automatically turning lights off when they are not needed. Initial focus to be on less commonly used areas such as corridors or store cupboards.
- Continued engagement with staff regarding the importance of turning off unnecessary lighting is important in reducing energy consumption.
- Sub-metering of all permanent utilities, including water and electricity. Check meters will be installed on all site supplies to monitor energy usage, facilitating the promotion of energy-saving measures and consumption reduction.
- Deployment of energy-efficient and off-grid site cabin and welfare solutions, including: low-energy lighting, timer switches, and LED fixtures. For instance, site offices and facilities will be net zero, retrofitted with motion sensors and timers to control lighting and thermostats in addition to the use of solar panels. Lights, water taps, and electrical equipment will be automatically switched off when not in use, thanks to percussion taps and motion sensors. Heating adjustments will be made with energy consumption in mind.
- Utilisation of a site energy and carbon reduction checklist, complemented by toolbox talks to inform and encourage site operatives about carbon and energy efficiency best practices.
- To avoid unnecessary journeys, where possible, we will use video conferencing including Teams and Zoom
- Conduct regular toolbox talks for our teams and members of our supply chain, focusing on strategies for optimising energy utilisation and minimizing emissions. This includes our 'EcoWise Practices' initiative that promotes responsible energy consumption, waste reduction, and sustainable habits.

Training and Innovation: To promote the understanding and implementation of our carbon reduction and offsetting strategies across our company, conduct comprehensive training sessions with both our in-house team and relevant members of our supply chain.

This will include:

- For each project we undertake, our operatives and subcontractors must also attend project-specific training tailored to the individual requirement of the design, build, client expectations and the surrounding environment.
- To invest in innovative training programs for our staff, keeping them aware of the latest sustainable methodologies in addition to monthly toolbox talks on industry 'hot topics'
- Delivery of E-Learning modules surrounding sustainability including: Carbon Reporting; Carbon Reduction, Offsetting and Net Zero and The Circular Economy.

6. Completed Carbon Reduction Initiatives

- Staff training, toolbox talks and signage regarding switching off lights.
- Reduction in usage of dishwasher facility to only when full.
- Research into the most sustainable options for upcoming vehicle purchases.

7. Instructions to Supply Chain

At ACT, we believe our suppliers play a crucial role in this journey. We encourage all our suppliers to develop and implement carbon reduction plans in alignment with our sustainability goals.

Objectives:

- To provide a clear framework for suppliers to develop and implement effective carbon reduction plans.
- To encourage collaboration and shared learning towards achieving our combined sustainability goals.
- To promote transparency and accountability in our supply chain.

These instructions are intended for all ACT Supply Partners, regardless of size or industry.

Key Requirements:

- **Develop a Carbon Reduction Plan**
 - ✓ **Scope:** Include emissions from your operations that are relevant to your role in our supply chain (e.g., Scope 1 and 2 emissions from your facilities, Scope 3 emissions from transportation and purchased goods/services).
 - ✓ **Baseline Assessment:** Conduct a carbon footprint assessment to quantify your current emissions.
 - ✓ **Targets:** Set ambitious yet achievable emission reduction targets aligned with our net-zero goal.
 - ✓ **Strategies and Actions:** Develop a set of strategies and actions to achieve your targets, focusing on areas with the highest impact.
 - ✓ **Implementation and Monitoring:** Establish a plan for implementing your strategies and actions, and monitor your progress regularly.
 - ✓ **Reporting:** Submit your Carbon Reduction Plan and annual progress reports to ACT, through the designated portal.
- **Demonstrate Commitment:**
 - Make a public commitment to achieving net-zero emissions by 2050.
 - Consider joining sustainability initiatives aligned with our goals.
 - Integrate sustainability principles into your overall business strategy.

Failure to submit a Carbon Reduction Plan or meet agreed-upon targets may impact your standing as a supplier with ACT.

We may request independent verification of your carbon footprint and progress reports.

8. Declaration & 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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the Managing Director.

This Plan will be reviewed quarterly, with the first review being no later than 3 months from the date below.

Report Date: 30/06/2024 **Review Date:** 31/12/2024

Asbestos Control and Treatment Ltd



S Williams
Managing Director

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

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

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