

Carbon Reduction Plan

Supplier Name: Automated Building & Energy Controls (Group) Ltd

Publication Date:01.12.2024.....

Commitment to Achieving Net Zero

ABEC 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: 2024

Additional Details relating to the Baseline Emissions calculations.

This baseline has been chosen as it is the first full scope 1, 2 and 3 emissions report for all operational and organisational activities.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	173.47
Scope 2	-
Scope 3	Business Travel – 448.94 Commuting + Homeworking – 241.74 Waste – 3.72 Water - 0.03 Downstream Deliveries – 98.35 Total WTT – 93.79 Purchased Goods and Services – 409.88

Total Emissions	1,469.92
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Current Emissions Reporting

Reporting Year: 2024

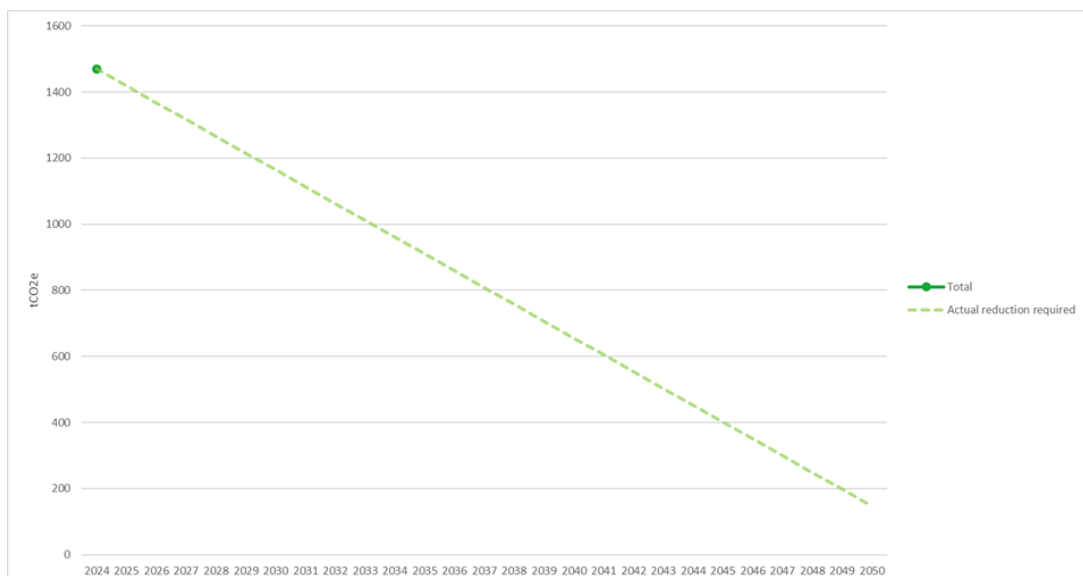
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	173.47
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Scope 3	Business Travel – 448.94
(Included Sources)	Commuting + Homeworking – 241.74
	Waste – 3.72
	Water – 0.03
	Downstream Deliveries – 98.35
	Total WTT – 93.79
	Purchased Goods and Services – 409.88
Total Emissions	1,469.92

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 26 years to 146.99tCO₂e by 2050. This is a reduction of 90%

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023-24 baseline. These measures will be in effect when performing the contract

- Full Scope 1, 2 and 3 footprint measurement through the achievement and maintenance of the Neutral Carbon Zone Gold Certification.
- Maintenance and improvement of EMS (ISO certification 14001).

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

- Continued development of internal policies to encourage sustainable practices not only in office operations but also on all sites.
- ABEC Ltd will review fleet vehicles with the option to change all to electric. This could reduce emissions up to 35.68tCO₂e in Scope 3.
- A review of water use and energy practices to help identify areas of unnecessary consumption.
- A recycling commitment to be put in place to ensure that all waste is diverted from landfill by encouraging less waste and recycling wherever possible (paper, uniform, equipment).
- A sustainable transport scheme to be implemented to encourage employees to use public transport wherever possible and to review where travel is essential. This can include car-share schemes, cycling, EVs etc. wherever possible.
- Public transport is used whenever feasible for business travel, and carpooling, park and ride, and walking to work are actively encouraged to reduce the number of vehicles used for travel. Also, if applicable, meetings via Teams to be prioritised over in-person meetings, reducing the need for travel.
- ABEC Ltd will look to implement training programmes for its staff on carbon literacy.
- The implementation of a full supply chain compliance programme to engage, monitor and ultimately influence the reduction of emissions within this category establishing supplier by supplier scoring.
- To review offsetting emissions for 2024 through Gold Standard or equivalent offsets.

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⁽¹⁾ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁽²⁾.

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⁽³⁾.

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:



Date: 11.10.2024

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>