

Carbon Reduction Plan

Supplier name: Actiform Limited
Publication date: 22nd April 2025

Commitment to achieving Net Zero

Actiform Limited is committed to achieving Net Zero carbon 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: 2021	
Additional Details relating to the Baseline Emissions calculations.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	92.32 tCO₂e
Scope 2	26.65 tCO₂e
Scope 3 (Included Sources)	Purchased Goods 5.69 tCO ₂ e Waste Generated in operations 0.89 tCO ₂ e Employee Commuting 4.66 tCO ₂ e Total Emissions 11.23 tCO₂e
Total Emissions	130.20 tCO₂e

Current Emissions Reporting

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	96.70 tCO₂e
Scope 2	3.46 tCO₂e
Scope 3 (Included Sources)	Purchased Goods 3.53 tCO ₂ e Waste Generated in operations 0.88 tCO ₂ e Employee Commuting 11.77 tCO ₂ e Total Emissions 16.18tCO₂e
Total Emissions	116.34 tCO₂e

Emissions reduction targets

In order to continue our progress to achieving Net Zero by 2050, we have adopted the following carbon reduction targets. We have started changing our company vehicles to Hybrid/Fully Electric, replaced all sodium lighting in our factory to dimmable LED and replaced Gas heating in the factory with a Biomass heater fuelled by our timber offcuts. Additionally, all the lighting in the office has been changed to LED. We have also switched to a Zero Carbon Energy Tariff for our grid electricity supply in June 2024, which is a 90% nuclear and 10% renewable energy mix with reported carbon emissions of 0g/kWh.

We have now included the values for waste generated in operations and are working with a waste management contractor who reports that all the waste is diverted from landfills and is being for reused for fuel production. Additionally, due to the growth of the company over the years, the number of projects has increased leading to a corresponding increase in the number of employees, hence the increase in emissions for Employee commuting this year compared to the baseline.

There is an 11% decrease in the total emissions reported this year compared to the baseline year. We project that the carbon emissions will further decrease over the next five years to 99 tCO₂e by 2029, which is a 15% reduction of the current total.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emissions reduction achieved by these schemes equate to 13.86 tCO₂e, an 11% reduction against the 2021 baseline and the measures will be in effect when performing the contract.

Over the last 4 years we have changed all sodium lighting in our factory to dimmable LED lighting and installed LED lighting externally which are fitted with PIR Motion Sensors. All the lighting in the office has also been changed from fluorescent to LED. The Gas heating in the factory has been replaced with a Biomass heater which is fuelled by our timber offcuts. We have also conducted a Resource and Circular Economy audit with the West Yorkshire Combined Authority (WYCA) and identified areas for further improvement.

We will continue changing our company vehicles to Hybrid/Fully Electric and currently have 3 Hybrid vehicles and 3 Fully Electric vehicles, a 50% increase compared to the previous year. This has also impacted our annual energy consumption although the total is much lower than the baseline figure. To improve our annual energy consumption and carbon emissions, we have started the installation of a Solar photovoltaic system to generate on-site renewable energy for our operations, and once fully commissioned we would be able to offset up to 40% of our current energy use.

We are also ISO 14001 accredited.

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

- Reduction of miles covered by company vehicles (consider vehicle sharing).
- Reduction of delivery journeys to the factory and site where possible.
- Consider the possibility of Hydrogen-powered vans for delivery.
- Transition to a 100% Renewable Energy tariff for grid electricity supply to support our on-site solar generation.
- Transition from mix of natural gas and electricity for the HVAC systems in the office to fully electricity-powered HVAC systems.

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 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 board of directors (or equivalent management body).

Signed on behalf of the Supplier:


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Stefan Dransfield, Managing Director of Actiform Ltd

Date: 22nd April 2025

¹ <https://www.gov.uk/government/publications/environmental-reporting-guidelines-including-mandatory-greenhouse-gas-emissions-reporting-guidance>

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

³ <https://ghgprotocol.org/corporate-value-chain-scope-3-standard#supporting-document>