

Carbon Reduction Plan

Dawsongroup plc

Publication date: 19/06/2023

Commitment to achieving Net Zero

Dawsongroup is committed to achieving Net Zero greenhouse gas emissions by 2050.

The commitment to achieving net zero by 2050 is supported and adopted by:
Dawsongroup | energy solutions - A wholly owned subsidiary of Dawsongroup plc.

Baseline Emissions Footprint

Baseline and Current Reporting Year: 2022 (Jan – Dec)	
Additional Details relating to the Baseline Emissions calculations.	
Our carbon emissions are calculated using an operational control accounting approach as described in the GHG Protocol.	
* Work has commenced on scope 3 accounting by the employment of a specialist to oversee and manage this process. We anticipate that we will report on a significant portion of our scope 3 emissions in our revised CRP in 2024.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	2665.97
Scope 2	512.91
Scope 3 *	0
Total Emissions	3178.88

Emissions reduction targets

In order to continue our progress towards achieving Net Zero, we are moving ahead with plans to reduce our carbon footprint as fast as possible and are adopting the following carbon reduction targets:

- Net Zero by 2040 for emissions we directly control
- Net zero by 2050 for emissions we can externally influence

Carbon Reduction Projects

Dawsongroup has implemented numerous carbon emissions reduction projects since the baseline year and has recently hired a specialist to oversee and manage this process further by supervising the introduction of data collection and carbon reduction projects to ensure our progress to net zero can be made rapidly.

The following environmental management measures and projects have commenced since the 2020 baseline and are ongoing. The carbon emissions reductions that have currently been assessed below equate to a carbon saving of approximately **118 tCO₂e**, a 5.9% reduction against the 2020 baseline.

The measures set out in this Carbon Reduction Plan are able to be applied by Dawsongroup | energy solutions when performing the relevant contract.

Head Office Redevelopment

We are in the pre-construction phase of redeveloping our head office site for greater energy efficiency and environmental performance. Our new building, due to be completed in 2025, is being designed by industry leaders in sustainable development, will adhere to strict passivhaus standards and will be powered entirely by electricity.

It will dramatically reduce our total energy consumption at this site from an estimated consumption of 659827kwh/yr (gas and electricity) down to 182250kwh/yr, of which approximately 30,000kwh/yr will be produced from solar PV. An energy saving of 72% is predicted, featuring a reduction in grid sourced energy totalling 77%.

This project represents an estimated saving of **95 tCO₂e/yr**.

Site Consolidation

In addition to the redevelopment of our Head Office site, as of 2021 we have consolidated three distinct sites, home to four Dawsongroup businesses, to a purpose-built facility in Avonmouth, Bristol. This site has been built with sustainability at the forefront and features a solar PV system, a water recycling system for reuse of water used to wash vehicles, and a full recycling station for organising all types of recyclable materials for collection.

With LED lighting throughout the site and the latest air conditioning system comprising air source heating and cooling, the site provides the highest level of comfort to employees. An

assessment of our annual emissions reduction since the move is being undertaken.

Renewable Energy Generation at Dawsongroup sites

We are investigating the potential for renewable energy across the Dawsongroup estate and are currently moving forwards with solar PV installations at two sites which are expected to produce 105,000kwh/yr.

We plan on expanding our solar PV system at our Avonmouth site. The expanded installation represents further emissions savings of approximately **12.6 tCO_{2e}/yr.**

Furthermore, we are planning to install solar PV at our Feltham site. This installation represents a saving of **6.6 tCO_{2e}/yr.** We will be learning from these experiences when assessing the renewable energy potential of our other sites.

Upgraded Lighting

We are replacing lighting to energy efficient LEDs. This initiative commenced in 2020 and is ongoing. We have changed approximately 70% of the lightbulbs at our head office saving an estimated 24,000 kwh annually. This represents a saving of approximately **4.64 tCO_{2e}/yr.**

We have also replaced approximately 60% of the lighting across our estate. The carbon savings from these actions are being calculated.

Staff Company Car and Fleet Vehicle Upgrade

The majority (approximately 75%) of our carbon emissions result from the use of company cars and fleet vehicles. To combat this we are switching all staff company vehicles to PHEVs and BEVs and installing electric vehicle charging ports across all our sites to make this transition as smooth as possible for our employees.

We are also transitioning our fleet vehicles to electric where practicable. For instance, we have a range of electric minibuses that we use to bring our drivers back to base upon delivering a fleet of vehicles to a customer, remaining conscious of our own carbon footprint as well as theirs.

We are also investing in the latest alternative fuel technologies to ensure that, when they are ready, our customers will find best-in-class low and zero emissions vehicle technology at Dawsongroup. For instance, we have a range of electric road sweepers and electric refrigerated trailers available for our customers to make the switch to low carbon.

To supplement this we have net-zero specialist advisors to further assist our customers' understanding of how these new technologies will benefit their businesses without the need to commit to additional upfront capital expense.

Declaration and Sign Off

The commitment to achieving net zero by 2050 is supported and adopted by Dawsongroup | energy solutions, a wholly owned subsidiary of Dawsongroup plc. The measures set out in this Carbon Reduction Plan are able to be applied by Dawsongroup | energy solutions when performing the relevant contract.

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and the associated guidance and reporting standards 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.



Steve Miller

Group Chief Executive

For and on behalf of the board of directors

Date: 19th June 2023