# Carbon Reduction Plan

**Company Name:** AW Bent Limited

**Company Registration Number:** 13147401

**Published date:** April 2025

## Commitment to achieving Net Zero

AWB is committed to achieving Net Zero emissions by 2040.

## Baseline Emissions

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.

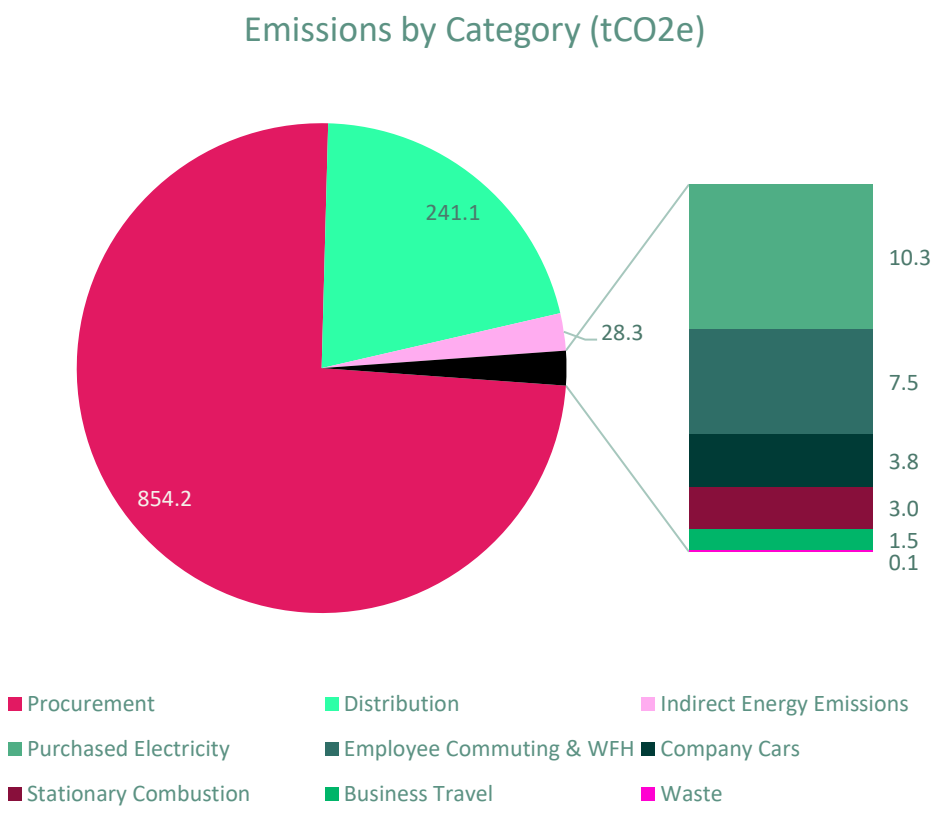
Following a review of data available in the calculation of AWB's emissions a move away from spend-based data to estimate garment production emissions means previous measurements are not comparable with the most recent, increased reliability measurement. AWB has therefore taken the decision to set our baseline emissions measurement for our most recent financial year - 01/11/23 - 31/10/24.

| **Baseline Emissions: FYE 2024** | |
|---|---|
| The emissions inventory covers all relevant scope 1 and 2 activities, in addition to the following scope 3 categories outlined below. Baseline emissions will be restated where required to apply updated methodologies or account for any significant organisational changes. | |
| **EMISSIONS** | **TOTAL ($tCO_2e$)** |
| Scope 1 | 6.78 |
| Scope 2* | Market-based: 10.31<br>Location-based: 9.63 |

| | |
|---|---|
| Scope 3<br>• Purchased Goods & Services<br>• Capital Goods<br>• Fuel & Energy Related Services<br>• Business Travel<br>• Transportation & Distribution (Upstream & Downstream)<br>• Employee Commuting & Homeworking<br>• Operational Waste & Water | 1,132.72 |
| **Total Emissions** | **Market-based: 1,149.81**<br>Location-based: 1,149.14 |

**Purchased electricity can be measured in two ways. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice). A market-based method therefore takes into account the purchase of electricity via a verified renewable energy tariff. We have chosen to base our Net Zero target on a market-based methodology.*

Our total emissions equate to a carbon intensity metric of 89.83 $tCO_2e$ per FTE and 479.09 $tCO_2e$ per £million during the measurement period (using market-based emissions).



## Emissions reduction targets

To achieve Net Zero we will need to reduce our absolute emissions by 90% for scope 1 and 2 and our scope 3 employee or financial intensity by 97% overall. To track our progress towards our long-term Net Zero target, we have also set some near-term targets to 2030.

- Reduce our scope 1 & 2 emissions to zero by 2030.
- Reduce measured scope 3 per employee or £ revenue intensity by 7% per annum in compound terms. Achieving 65% overall contraction by 2030.

Progress against these targets will be displayed in graphical format in future reporting years. As the most recent measurement is our baseline there is no progress to consider.

## Carbon Reduction Projects

*Completed Carbon Reduction Initiatives*

The following environmental management measures and projects have been completed or implemented since the establishing our baseline.

| Activity | Completion Date | Scope |
|---|---|---|
| Commit to measuring carbon footprint of business activities year on year to gain an understanding of pinch points and regularly be making efficient and direct improvements to reduce these emissions.<br>Appointed Positive Planet to support with calculating baseline carbon footprint and reduction recommendations. | 2022 | 1, 2, 3 |
| Created a Green Team to lead initiatives. This team has been made up of senior members to support the roll out of initiatives and management of data, this includes sharing and collaborating throughout the organisation. | 2022 | 1, 2, 3 |
| Sought external support to seek further guidance around energy pinch points in current premises. Resulting in a phased replacement of all doors and windows with more thermal efficient fittings. | 2022 | 1, 2 |

| | | |
|---|---|---|
| Considered areas where we could procure more locally and deep dove into distribution strategy. As a result of this investigation, we have identified a method to reduce our reliance on transatlantic distribution, see below for more details. | 2023-2024 | 3 |
| To reduce paper use and waste we have digitalised order filing, adopted 2-sided printing where unavoidable and reduced the number of printers in business (50% reduction since 2023). | 2023 onward | 2, 3 |
| Replaced ordered bottled water by attaching water filters to taps. | 2024 | 3 |
| Actively transitioning to recycled and recyclable packaging, including move to paper-based tape. | 2024 | 3 |
| Purchased second-hand furniture when recently replaced furnishings reached end of life. | 2024 | 3 |
| Started incorporating hybrid (1) and electric (1) vehicles into company fleet when current combustion engine vehicles reach end of life. | 2024 & ongoing | 1, 2, 3 |
| Ongoing phased replacement of neon lighting with LEDs. Currently 100% of office and canteen have been fitted, with 70% of warehouse remaining. We have also installed PIR lighting in low traffic warehouse areas. | ongoing | 2, 3 |
| Structural survey of roof to assess feasibility of solar and battery systems has been completed. With consideration of capital cost underway | 2024 & on-going | - |
| Removed gas fired oven. | 2024 | 1 |

*Future Carbon Reduction Plans*

In the future we plan to implement the below initiatives to further address emissions:

| Scope 1 & Scope 2 | | | |
|---|---|---|---|
| **Activity No.** | **Activity** | **Target Date** | **Category** |
| 1 | Continue to maintain achieved low-cost options such as reducing the boiler temperature, consider monitoring of these in a formal manner. Consider adding heat & solar control reflective window sheets. | *ongoing* | Stationary Combustion |
| 2 | Our boiler was maintained in 2024 to improve efficiency.<br>We will continue to monitor options for larger cost management down the line (where appropriate). Such as the replacement of the gas boiler with electric boiler/heaters, heat pumps or alternative systems. Where installation of a heat pump may not be currently viable, we will explore options for improving the efficiency of the boiler system in the meantime. | 2030 | Stationary Combustion |
| 3 | Our current energy contract ends in March 2025, from April 2025 we will procure 100% renewable energy. This change will reduce market-based emissions to 0 tCO2e. | 2025 | Purchased Electricity |
| 4 | Total market-based electricity emissions are currently higher than location-based (National Grid energy mix) due to our energy provider relying heavily on non-renewable fuel sources. While we will switch to a renewable tariff this year there remain opportunities to reduce energy use and associated stress on the national grid. This will also result in savings for the business and reduce reliance on grid sourced energy if/when solar panels are installed.<br><br>We will implement behaviour change initiatives within the workplace for reduction of emissions, including clear messaging for turning off lights, monitors, computers, and other electrical appliances where appropriate. We will assign roles and responsibilities to Green Team members. | *ongoing* | Purchased Electricity |

| | | | |
|---|---|---|---|
| 5 | To further reduce electricity demand we will also implement energy efficiency measures by optimising operational procedures and implementing energy management systems (such as ISO 14001). LED lighting retrofit is due for completion in 2026 and PIR systems are in place in low traffic areas.<br><br>Further opportunities to reduce energy demand include increasing the cover of PIR systems and aligning these with working patterns, installing timers on sockets/equipment that is not required to be on 24/7.<br><br>We will also continually review and renew inefficient equipment (when at end of life) and actively consider the energy efficiency of equipment when new purchases are required (e.g. laptops, fridges, dishwashers). | 2026 | Purchased Electricity |
| 6 | Following review of the structural survey we are assessing the capital feasibility of installing solar panels and a supporting storage battery on-site. | 2026 | Purchased Electricity |
| 7 | Continue to roll out the replacement (at end of life) of company owned internal combustion engine vehicles with fully electric and/or hybrids. Prioritise fully electric vehicles where viable. | *ongoing* | Mobile Combustion |

Based upon the above completed and planned initiatives, it is projected that scope 1 & 2 carbon emissions will decrease to 0 $tCO_2e$ by 2030.

We also aim to implement the initiatives below to address our scope 3 emissions:

| REDUCTION PLANS – Scope 3 | | | |
|---|---|---|---|
| **Activity No.** | **Activity** | **Target Date** | **Category** |
| 1 | Consider training and engagement for the Green Team, leadership, and the wider employee base. Including and not limited to engaging with existing health and safety education provider, creating spaces for environmental positive conversations (internal comms, newsletters, slack, Teams etc). | 2025 | Commuting & Home Working, Business Travel |
| 2 | Develpp and implement a Sustainable Procurement Policy with a focus on low-emission materials/products/service providers.<br><br>This policy should encourage current suppliers to adopt sustainable practices and improve their own carbon footprint through supplier engagement, sustainable procurement policies, contract KPIs and reporting mechanisms. | 2026 | Purchased Goods & Services |
| 3 | Commit to annual supply chain surveying, initially starting with garment manufacturers as a priority and expanding the scope of outreach in line with reporting maturity. This data collection will support reduction journey by gathering important data for future measurements & encourage supply chain integration towards Net Zero. | 2027 & onward | Purchased Goods & Services |
| 4 | Where viable, in line with the above Sustainable Procurement Policy, consider offering a low-emission alternative to current product ranges and gradually introducing these until offering solely low-emission products. To achieve this explore purchasing alternative materials/products with lower carbon intensities (recycled over virgin materials/low emission fabrics) than those currently used in offered products, this will require engagement with prospective suppliers to provide carbon intensities for products and ensure they can substantiate claims of reduced carbon intensity. To date we have begun exploring the use of recycled materials within manufactured garments and are openly discussing this with other product providers. | 2030 | Purchased Goods & Services |
| 5 | Review logistics partners/couriers and utilise the above Sustainable Procurement Policy. Work with providers to gather their emissions data, and prioritise using lower-carbon providers with demonstrable fleet decarbonisation plans. | 2025 & onward | Upstream Distribution |

| | | | |
|---|---|---|---|
| | One of our major suppliers, Careismatic brands, has DC's in both the US and NL and we have access to both. They are increasing the scope of the ranges available from the Dutch DC which is reducing the need for goods to be drawn from the US.<br><br>Where viable prioritise purchasing from local suppliers to limit delivery mileage. For international purchasers engage with companies to determine their decarbonisation efforts and get primary emissions data. | | |
| 6 | Develop and implement a Sustainable Travel Policy to support low-impact choices when travelling, staying in hotels and commuting. The priorities within this policy will support active travel and low emission travel options where appropriate.<br><br>Monitor and consider alternatives to air-based travel as a priority and commit to offering support to workforce with options for active travel schemes; such as cycle to work or car sharing opportunities.<br>Utilise the emissions travel hierarchy when considering traveling:<br>1. Digital communication<br>2. Walking & wellbeing<br>3. Cycling<br>4. Public and shared transport<br>5. Public and shared EV's and car sharing<br>6. ICE vehicles and car sharing<br>7. Air Travel | 2025 | Business Travel, Commuting |

Based upon the above completed and planned initiatives, it is projected that scope 3 emissions will decrease by a minimum of 45% in per employee or economic intensity terms by 2030 compared to our baseline year.

## 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 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 Management Plan has been reviewed and approved by AWB's Executive Team.

**Signed on behalf of AWB:**

Name: James Cook

Position: Director

Date: 03.04.2025

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

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

3 https://ghgprotocol.org/corporate-value-chain-scope-3-standard