

# Carbon Reduction Plan

**Company Name:** AW Bent Textiles  
**Company Registration Number:** 13147401  
**Published date:** October 2023

## Commitment to achieving Net Zero

AW Bent Textiles is committed to achieving Net Zero emissions by 2040.

## Historic Emissions Measurements

We have previously measured our carbon emissions and set out baseline year as July 2021 - June 2022. This was our first attempt at measuring our emissions and was undertaken during the Covid-19 pandemic.

Historic Measurement: 2021 - 2022	
All Scope 1 & 2 emissions have been measured, plus the following Scope 3 Emissions: <ul style="list-style-type: none"> <li>● Purchased Goods &amp; Services</li> <li>● Capital Goods</li> <li>● Energy Related Services</li> <li>● Business Travel</li> <li>● Transportation &amp; Distribution (Upstream)</li> <li>● Employee Commuting &amp; Home Working</li> <li>● Operational Waste &amp; Water</li> <li>● Transportation &amp; Distribution (Downstream)</li> </ul>	
EMISSIONS	TOTAL (tCO <sub>2e</sub> )
Scope 1	6.824
Scope 2*	Market-based: 3.934 Location-based: 7.867
Scope 3	1,742.589
<b>Total Emissions</b>	<b>Market-based: 1,753.346</b> <b>Location-based: 1,757.280</b>

*\*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.*

### **Adjustment of 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. We had previously set July 2021 - June 2022 as our baseline year, however, upon measuring our emissions for 2022 it has come to light that errors and estimates made during data collection caused us to significantly overestimate our emissions for a normal operating year.

As a result of the above we have chosen to adjust our Baseline Year to July 2022 - June 2023, this is not deemed to be a negative decision as we are maintaining our Net Zero by 2040 target and are now confident our measured emissions are representative of our Scope 1, 2 and Upstream Scope 3 activities. Allowing us to focus on reducing our emissions and expanding the scope of our footprint.

## Baseline Emissions Footprint

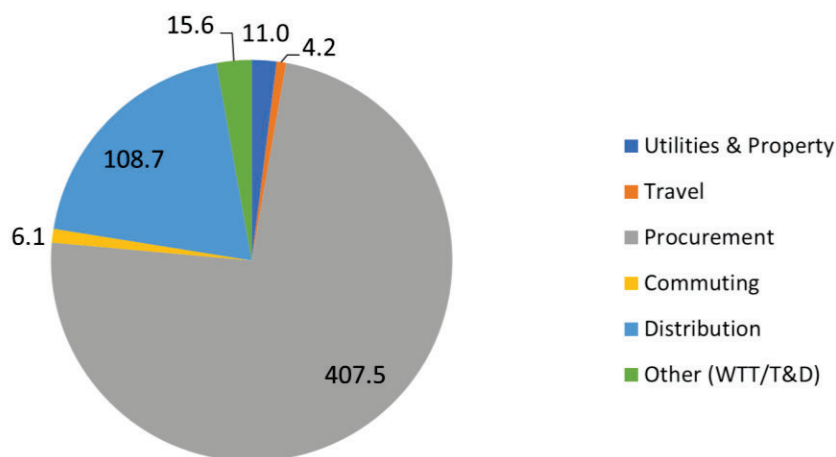
### Reporting Year: July 2022 - June 2023

All Scope 1 & 2 emissions have been measured, plus the following Scope 3 Emissions:

- Purchased Goods & Services
- Capital Goods
- Fuel & Energy Related Services
- Business Travel
- Transportation & Distribution (Upstream)
- Employee Commuting & Home Working
- Operational Waste & Water
- Transportation & Distribution (Downstream)

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	7.587
Scope 2	Market-based: 9.291 Location-based: 6.883
Scope 3	546.185
<b>Total Emissions</b>	<b>Market-based: 563.063 Location-based: 560.654</b>

Our total emissions equate to a Carbon Intensity Metric of **35.191 tCO<sub>2</sub>e per employee** based on **16 employees** during the measurement period (using market-based emissions).



## Emissions reduction targets

AW Bent Textiles is committed to achieving Net Zero by 2040.

To progress towards Net Zero, this plan sets carbon reduction targets for the 6-year period to 2030. During this time, targets will be set for the remaining period to ensure Net Zero will be achieved by 2040.

We are aiming to reduce our absolute carbon emissions by at least 90% from our baseline year, or achieve (and maintain) a carbon intensity metric of <1 tonne CO<sub>2</sub>e per employee, whichever comes soonest. This is in line with science-based Net Zero targets. To keep ourselves on track with these long-term targets, we have set the following near-term goals:

- Reduce our Scope 1 & 2 emissions to zero by 2030.
- Reduce our Scope 3 emissions by 20% from our baseline year by 2026.
- Reduce our Scope 3 emissions by 50% from our baseline year by 2030.

## Carbon Reduction Projects

### *Completed Carbon Reduction Initiatives*

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

<b>Activity</b>	<b>Completion Date</b>	<b>Scope</b>
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. 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. This resulted in the	2022	1, 2

replacement of all doors and windows with UPVC frames.		
Considered areas where we could procure more locally and deep dove in to 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

REDUCTION PLANS – 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.	2024	Stationary Combustion
2	Our boiler was maintained in 2020. We will continue to monitor options for larger cost management down the line (where appropriate). Such as the replacement of the gas boiler with a heat pump or alternative system. 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. We will procure a 100% renewable electricity tariff when our current contracts reaches maturation. This change will reduce market-based emissions (from chosen tariff) from the office (common areas) to 0 tCO <sub>2</sub> e.	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. We will encourage the directors to switch from this provider, however, in the meantime there is an opportunity to reduce energy use and reduce our emissions.  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.  High-level monitoring of energy use is key to understanding further pinch points.	2024	Purchased Electricity

5	<p>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).</p> <p>Examples of reduction measures include upgrading lighting, introducing more sensor lighting, installing timers on sockets/equipment. Also 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).</p>	2025	Purchased Electricity
6	<p>Continue to explore 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.</p>	2026	Mobile Combustion

Based upon the above completed and planned initiatives, it is projected that Scope 1 & 2 carbon emissions will decrease to **0 tCO<sub>2</sub>e** by 2030.

## 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, creating spaces for environmental positive conversations (internal comms, newsletters, slack, Teams etc), certified Carbon Literacy Training for all applicable to roll out to further workforce and share with externals where appropriate. On average, certified learners reduce their carbon footprints by 5-15%, of which ~50% are work-related.	2024	Commuting & Home Working, Business Travel
2	Implement a Sustainable Procurement Policy with a focus on low-emission materials/products/service providers. Explore alternative suppliers with in-place decarbonisation strategies or encourage current suppliers to adopt sustainable practices and improve their own carbon footprint through supplier engagement, sustainable procurement policies and contracts, and monitoring reporting mechanisms.	2024	Purchased Goods & Services
3	<p>Commit to a Sustainability Audit or Survey to request further information regarding credentials – Plan to send these to the Top 5/10 suppliers by spend. This data collection will support reduction journey by gathering important data for future measurements &amp; encourage supply chain integration towards Net Zero.</p> <p>Complete this audit within Two Phases:</p> <ol style="list-style-type: none"> <li>1. Identify suppliers for engagement.</li> <li>2. Formulate and collect data (survey/scoring)</li> </ol> <p>Once completed prioritise suppliers with lower carbon footprints as part of the above phased approach. This may also involve purchasing second hand/refurbished (furniture, IT equipment) and extending the lifespan of purchased items.</p> <p>Develop and monitor procurement policy for all new suppliers to align to Net Zero goals.</p>	2024 - 2030	Purchased Goods & Services



4	<p>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 we will explore purchasing alternative materials/products with lower carbon intensities than those currently used in offered products, this will require engagement with prospective suppliers to provide carbon intensities for products and ensure they can prove claims of reduced carbon intensity. Thus far we have begun exploring the use of recycled materials within garments.</p>	2030	Purchased Goods & Services
5	<p>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 demonstratable fleet decarbonisation plans.</p> <p>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.</p> <p>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.</p>	2024 - 2027	Upstream Distribution, Downstream Distribution
6	<p>Develop and implement a Sustainable Travel Policy to support environmental impact of choices when travelling, staying in hotels and commuting. The priorities within this policy will support active travel and low emission travel options where appropriate.</p> <p>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 bike to work or car sharing opportunities.</p> <p>Utilise the emissions travel hierarchy when considering traveling:</p> <ul style="list-style-type: none"> <li>Digital communication</li> <li>Walking &amp; wellbeing</li> <li>Cycling</li> <li>Public and shared transport</li> <li>Public and shared EV's and car sharing</li> <li>ICE vehicles and car sharing</li> <li>Air Travel</li> </ul>	2024	Business Travel, Commuting



Based upon the above completed and planned initiatives, it is projected that (as a minimum) Upstream Scope 3 carbon emissions will further decrease over the next six years. Resulting in a 50% reduction 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

This Carbon Management Plan has been reviewed and approved by AW Bent Textiles Executive Team.

### **Signed on behalf of AW Bent Textiles:**

Steve Salt

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Name: Steve Salt

Position: General Manager

Date: 31/10/2023

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

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

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