Carbon Reduction Plan

Client name: Canonbury Products
Company Registration Number:
Published date: 28/09/2023

Commitment to achieving Net Zero

Canonbury Products is committed to achieving Net Zero emissions by 2042

Baseline Emissions Footprint

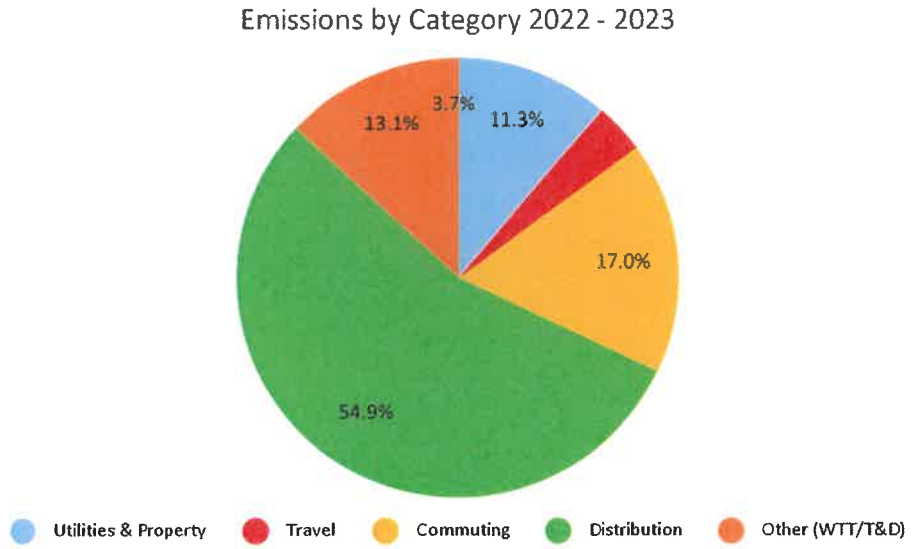
Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured. We have chosen our baseline year to be 30th June 2022 – 1st July 2023. This is also our current year of measurement.

Baseline Year & Current Emissions Reporting: 2022-2023	
The current measurement is the first measurement of Canonbury Products' carbon footprint, and acts as the Baseline Year.	
Baseline year emissions: 2022 – 2023	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	4.8
Scope 2	Market-based: 0.0 Location-based: 17.2
Scope 3 including: • Purchased Goods & Services • Capital Goods • Fuel & Energy Related Activities • Business Travel • Transportation & Distribution (Downstream) • Transportation & Distribution (Upstream)	146.0

• Employee Commuting & Home Working • Operational Waste & Water	
Total Emissions	**Market-based:** 150.8 **Location-based:** 168.0

**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 4.31tCO_2e per employee based on 35 employees during the measurement period (using market-based emissions).



Emissions reduction targets

Canonbury Products is committed to achieving Net Zero by 2042.

To progress towards Net Zero, this plan sets carbon reduction targets for the 7-year period to 2030. During this time, targets will be set for the remaining period to ensure Net Zero will be achieved by 2042.

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 CO2e 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 emissions to zero by 2035.
- Maintain Scope 2 (market-based) emissions at zero.
- Reduce our Scope 3 emissions by 30% from our baseline year by 2026.
- Reduce our Scope 3 emissions by 50% from our baseline year by 2030.

As this is Canonbury Products' first year of measurement, there is currently no progress to report.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022-2023 baseline. The carbon emission reduction achieved by these schemes will be represented in future carbon footprint measurements. The measures listed will be in effect when performing the contract.

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. Year 1: appointed Positive Planet to support with calculating baseline carbon footprint and reduction recommendations.	2023	1,2,3
Created a Green Team to lead initiatives. This team has been made up of members from different departments to support the roll out of initiatives and management of data, this includes sharing and collaborating throughout the organisation.	2023	1,2,3
ISO 9001 certification maintained since 2018. As part of this management system, the organisation recognises that the sustainable development goals are aligned.	2018	1,2,3
Reduction of mean transit distance by sourcing from local & UK-based suppliers.	2022	3

To reduce total energy consumption, lighting has been upgraded to LED in many areas of Canonbury's premises. Timers have been added to equipment and sockets.	2022	2
Canonbury no longer owns or operates a diesel van, which was used for some distribution.	2023	1

Future Carbon Reduction Plans

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

REDUCTION PLANS – Scope 1 & Scope 2			
Activity No.	**Activity**	**Target Date**	**Category**
1	Liaise with the landlord to consider low-cost options such as reducing the boiler temperature and adding heat & solar control reflective window sheets. Consider planning for larger cost management (where appropriate) such as an efficient boiler system.	2024	Stationary Combustion
2	Total location-based electricity emissions (National Grid energy mix) are 17.2tCO2e - this provides an opportunity to reduce energy use. Canonbury Products 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
3	Implement energy efficiency measures to reduce the overall amount of electricity consumed at sites. Optimise operational procedures and implement energy management systems (such as ISO 14001).	2025	Purchased Electricity

	Examples of reduction measures include introducing more sensor lighting. 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). Invite colleagues from different areas to openly explore challenges and barriers to collaboratively find solutions for reduction.		
4	To completely reduce market and location-based energy emissions to zero, work with the landlord to install on-site renewable energy generation technologies such as solar PV panels, solar heating, heat pumps (following an energy audit to assess feasibility and payback periods), to generate 100% of heating and energy demand. Consider removing on-site stationary combustion (gas) heating.	2030 - 2035	Stationary Combustion Purchased Electricity
5	Create and implement a procurement policy to ensure all vehicles owned or leased by Canonbury Products are Electric Vehicles. Currently, Canonbury Products operates a hybrid and 2 x diesel cars. This action will ensure reductions in Mobile Combustion emissions. One of the ICEV cars currently operated by Canonbury Products will be replaced with Hybrid by 2024, with a view to have no company-owned vehicles by 2028.	2024 - 2028	Mobile Combustion
6	Canonbury Products will undergo a full Energy Audit by 2025. The results of the audit will inform decisions on reducing gas consumption in favour of air conditioning units, and will demonstrate the costs vs benefits of installing onsite renewables.	2025	Stationary Combustion, Purchased Electricity, Fugitive Emissions

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.

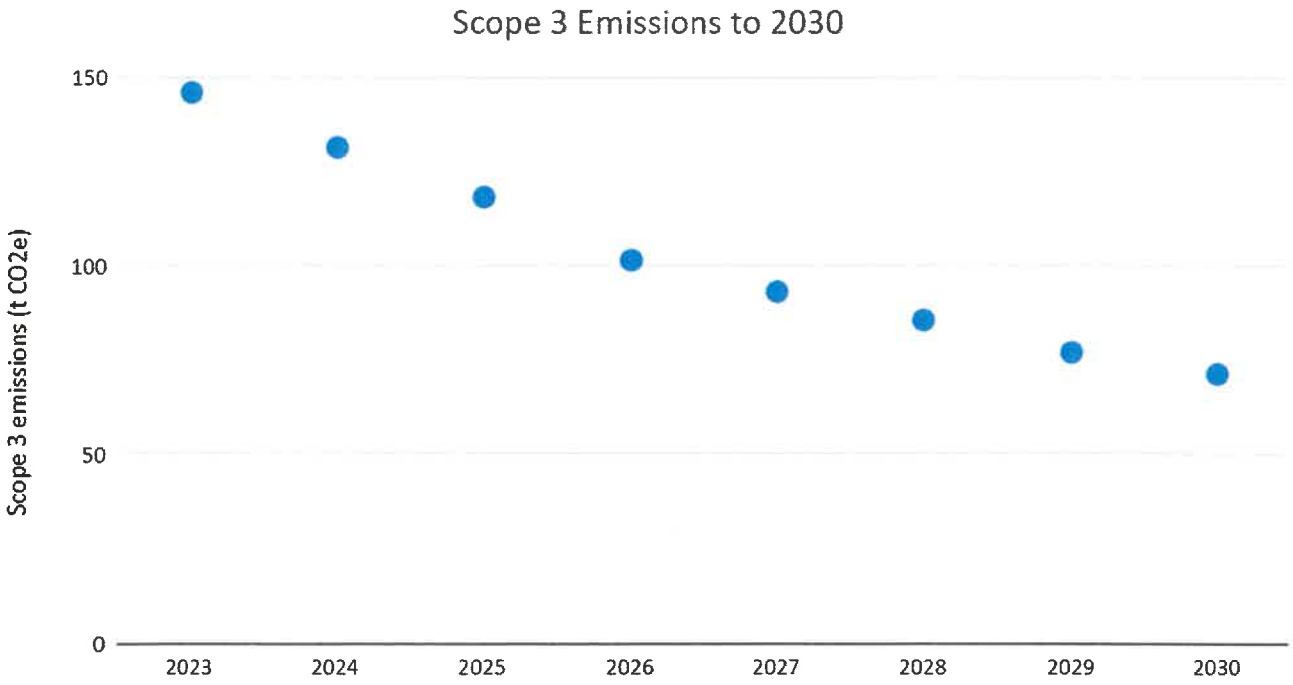
We also aim to implement the further initiatives below to reduce Scope 3 emissions:

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, creating spaces for environmental conversations (internal comms, newsletters, slack, Teams etc), certified Carbon Literacy training for all applicable to roll out to further workforce and share with external stakeholders where appropriate. On average, certified Carbon Literate employees 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. Encourage suppliers to adopt sustainable practices and improve their own carbon footprint through supplier engagement, procurement policies and contracts, and monitoring reporting mechanisms. Commit to a Sustainability Audit or Survey to request further information regarding credentials – Plan to send these to the top 20% of suppliers by spend by 2024, and the top 40% of spend by 2025, increasing to capture all suppliers by 2028. This data collection will support the reduction journey by gathering important data for year two measurement & encourage supply chain integration towards Net Zero. Complete this audit within Two Phases – 1. Identify suppliers for engagement. 2. Formulate and collect data (survey/scoring) 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. Develop and monitor procurement policy for all new suppliers to align to Net Zero goals.	2024 - 2028	Purchased Goods & Services & Downstream Distribution

3	Review logistics partners/couriers and utilise the above Sustainable Procurement Policy. Work with providers to gather their emissions data, and/or switch to lower-carbon providers.	2024 - 2028	Upstream Distribution Downstream Distribution
4	Review current procurement and planning systems further to reduce the need for air freighting of products. Aim to reduce total product air freighting (by kilometre-tonnes) by 20% by 2025. By 2029, Canonbury will aim for a 40% reduction in air freight (by kilometre-tonnes) vs. Baseline Year.	2025 - 2029	Upstream Distribution
5	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. Canonbury will commit to offering support to the workforce with options for active travel schemes; such as bike to work or car sharing opportunities. Incentives will be created for those who share their car with another employee. Such incentives will be unavailable to single-occupant drivers. For Business Travel, Canonbury will utilise the sustainable travel hierarchy – Digital communication Walking & wellbeing Cycling Public and shared transport Public and shared EV's and car sharing ICE vehicles and car sharing Air Travel Example: Canonbury will consider enhanced expense reimbursement for low emission travel choice.	2024	Business Travel Commuting
6	Measure and report Canonbury Products' full carbon footprint (per *The Greenhouse Gas Protocol*), including all Scope 3 categories. Once these categories have been measured, efforts to reduce emissions from Procurement and Products will be more effective.	2024 - 2025	Procurement Products

7	Work with suppliers to achieve higher quality data regarding delivery start-points. Using this information and the results of the supplier Sustainability Audit, prioritise purchasing from local warehousing units to further reduce mean delivery mileage.	2026 - 2028	Upstream Distribution

Based upon the above completed and planned initiatives, it is projected that Scope 3 carbon emissions will further decrease over the next seven years from the current normalised measurement of 146.0tCO_2e to 71.5tCO_2e by 2030. This is a reduction of 51.0%



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 the Canonbury Products Executive Team.

Signed on behalf of Canonbury Products:

Name: Simon Wheeler
Position Managing Director
Date: 6th October 2023

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