

CPG
logistics



CPG Logistics Carbon Reduction Plan



Table of Contents

Our Commitment	3
Our Carbon Footprint	5
Current Emissions Reporting	6
Carbon Intensity Metrics	7
Carbon Emissions Breakdown	8
Carbon Reduction	10
Completed Carbon Reduction Initiatives	11
Future Carbon Reduction Plans	12
Reduction Targets to 2050	18
Declaration & Sign Off	19

Our Commitment

Commitment to Achieving Net Zero

CPG Logistics is committed to achieving Net Zero emissions by 2050.

What does Net Zero mean in practice?

To achieve Net Zero, we will be aiming to reduce emissions in line with the latest science-based targets (SBTs).

SBTs are greenhouse gas reduction goals set by organisations, they are defined as “science-based” when they align with the scale of reductions required to limit global temperature increases to 1.5°C compared to pre-industrial temperatures.

To achieve Net Zero under this scenario, we will need to reduce our revenue emissions intensity by 97% from our baseline year.

SBTi recommends that organisations commit to near-term targets (that cover a minimum of 5 years/maximum of 10 years from the baseline year), as well as long-term targets.

Our Commitment

Near-term targets

Reduce Scope 1 emissions intensity (revenue-based) by 80% by 2032

Reduce Scope 2 emissions to zero by 2032

To procure 80% renewable electricity by 2028 and 100% by 2032

Reduce Scope 3 emissions intensity (revenue-based) by 42% by 2032

Long-term targets

Reduce our total market-based emissions intensity (revenue-based) for Scope 1, 2 and 3 by at least 97% by 2050

Neutralise any residual emissions using verified carbon offsets

Scope 1 emissions	direct greenhouse gas emissions that occur from sources owned or controlled by a company, such as emissions from the combustion of fuels in on-site boilers, furnaces, or vehicles.
Scope 2 emissions	indirect greenhouse gas emissions that result from the generation of purchased electricity, steam or other forms of energy consumed by a company.
Scope 3 emissions	all other indirect greenhouse gas emissions that occur in an organisation's value chain, including emissions from upstream and downstream activities.

Our Carbon Footprint

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 to set our baseline year as 1 January 2023 – 31 December 2023.

Baseline Year: 2023

Additional details relating to the Baseline Emissions calculations:

The current reporting year (1 January 2023 – 31 December 2023) is the first year that we have measured and reported our carbon footprint and will serve as the baseline year for future measurements.

Current Emissions Reporting

Current Reporting Year: 2023	
Emissions	Total (tonnes CO2e)
Scope 1	231.8
Scope 2*	Market-based: 57.0 Location-based: 58.8
Scope 3 including: <ul style="list-style-type: none"> • Purchased Goods & Services • Capital Goods • Fuel & Energy Related Activities • Business Travel • Transportation & Distribution (Upstream & Downstream) • Employee Commuting & Homeworking • Operational Waste & Water • <i>Upstream Leased Assets (none)</i> • <i>Franchises & Investments (none)</i> 	54,820.8
Total Emissions*	Market-based: 55,109.6 Location-based: 55,111.4

*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.

Current Emissions Reporting

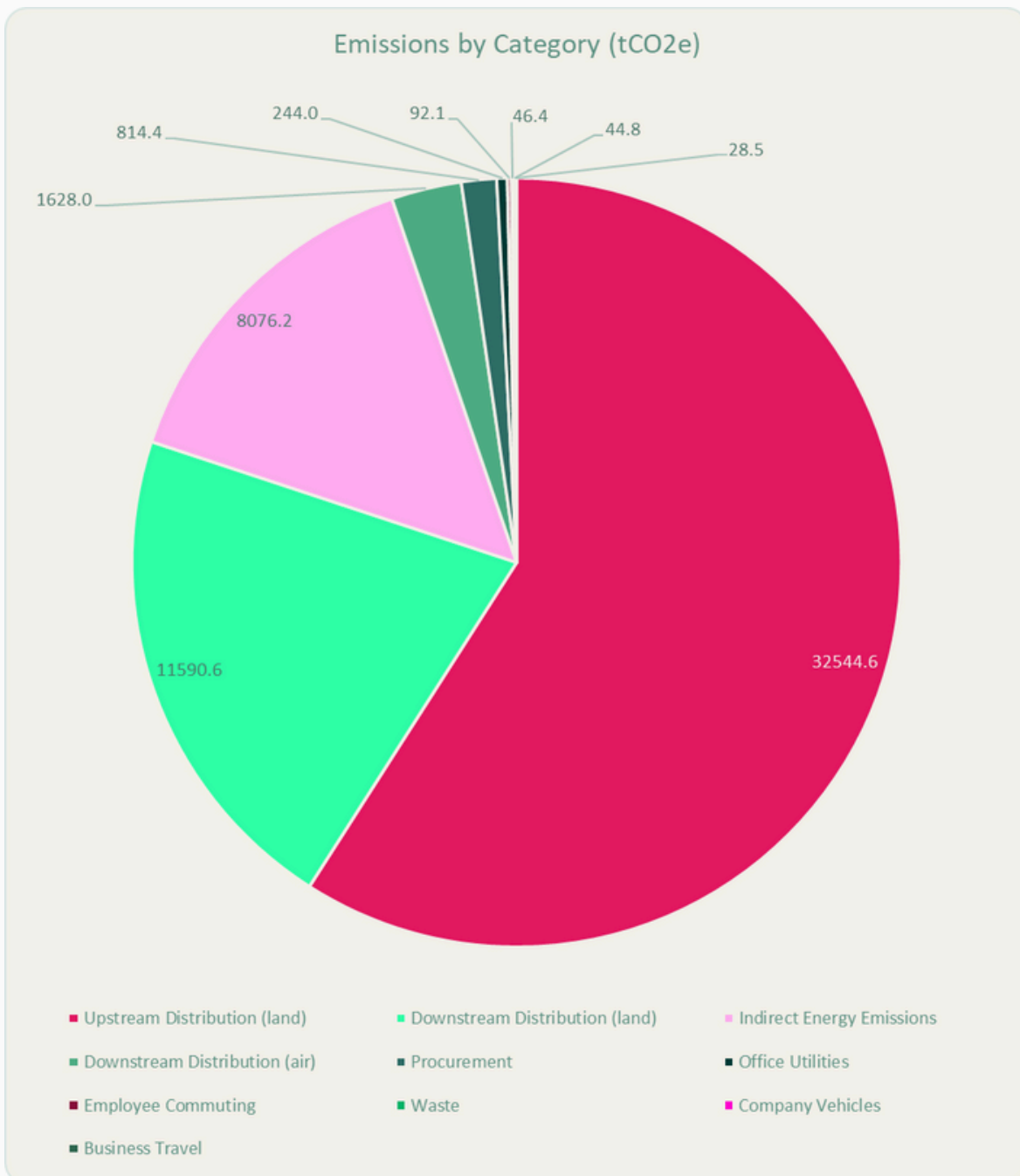
Carbon Intensity Metrics

Current Reporting Year: 2023		
Emissions		Carbon Intensity Metric
Employees (tCO2e per FTE)		369.9
Revenue (kgCO2e per £)	Scope 1	0.0148
	Scope 2	0.0036
	Scope 3	3.4985
	Total	3.5169

Based upon 149.0 FTEs (full-time employee equivalents), and a £15.67 million revenue during the measurement period. We are using market-based emissions to calculate our intensity metrics.

Current Emissions Reporting

Carbon Emissions Breakdown



Carbon Emissions Breakdown

Scope 1		tonnes CO2e
Stationary Combustion		190.3
Mobile Combustion		41.5
Fugitive Emissions		0.0
Process Emissions		0.0
Scope 2		
Electricity (Location-based)		58.8
Electricity (Market-based)		57.0
Heat & Steam		0.0
Scope 3 (Upstream)		
Purchased Goods & Services		775.8
Capital Goods		38.6
Fuel & Energy Related Activities		8,076.2
Upstream Transportation & Distribution		32,544.6
Operational Waste & Water		46.4
Business Travel		28.5
Employee Commuting & Homeworking		92.1
Upstream Leased Assets		0.0
Scope 3 (Downstream)		
Downstream Transportation & Distribution		13,218.6
Processing of Sold Products		0.0
Use of Sold Products		0.0
End-of-Life Treatment of Sold Products		0.0
Downstream Leased Assets		0.0
Franchises		0.0
Investments		0.0

Carbon Reduction

Our Net Zero targets

CPG Logistics is committed to achieving Net Zero by 2050. To achieve Net Zero under this scenario, we will need to reduce our revenue emissions intensity by 97% from our baseline year. To keep us on track, we have also set the following near-term targets to 2032.

Near-term targets

Reduce Scope 1 emissions intensity (revenue-based) by 80% by 2032

Reduce Scope 2 emissions to zero by 2032

To procure 80% renewable electricity by 2028 and 100% by 2032

Reduce Scope 3 emissions intensity (revenue-based) by 42% by 2032

Long-term targets

Reduce our total market-based emissions intensity (revenue-based) for Scope 1, 2 and 3 by at least 97% by 2050

Neutralise any residual emissions using verified carbon offsets

Progress

There are no previous existing carbon emission reduction targets against which to report progress

Completed Carbon Reduction Initiatives

The following emissions management measures and projects have been completed or implemented.

Activity	Completion Date	Scope
Commitment made to measure our carbon footprint to gain an understanding of overall emissions and areas for improvement. Year 1 appointed Positive Planet to support with calculating baseline carbon footprint and reduction recommendations.	2024	1,2,3
Switched 80% of lights to LED, which are more energy efficient. For 10% of lights, we have installed PIR motion sensors to combat the relatively energy-intensive nature of these lights.	2015 onwards	2
Switched company cars to hybrid or electric. The only vehicles running on just fossil fuels is the company van and lorry. Both the van and lorry are used for local journeys within the area and between sites on Fareham Reach.	2020-2023	1,2
Assessed by EcoVadis. This reflects our commitment to sustainability, including our efforts to reduce carbon emissions. This recognition alongside our other accreditations (ISO 9001:2015 and Joscar) highlights the progress we've made in managing our environmental impact and serves as a foundation for our ongoing initiatives to further reduce our carbon footprint and enhance our sustainability practices.	2021	1,2,3
Created an ESG Team to lead initiatives. This team has been made up of members from different departments to support the roll out of initiatives and collation of data.	2023	1,2,3
Explored the viability of installing solar PV panels. Unfortunately, it was determined that the structural integrity of the roof would be compromised, making it an unfeasible option.	2023	2

Future Carbon Reduction Plans

Scope 1 & 2

We are committing to action the following emissions management measures and projects in line with our Net Zero targets.

No.	Activity	Target Date	% Reduction Target	Category
1	Printers introduced with a print management software, to reduce both the volume of printing and waste.	2024	2,3	Stationary Combustion
2	Implement energy efficiency measures to reduce the overall amount of electricity consumed at sites and optimise operational procedures. Examples of reduction measures include: <ul style="list-style-type: none"> determine the feasibility of upgrading the remaining lights which are neither LEDs nor on PIR motion sensors upgrading desktop computers with laptops where possible upgrading our telephone system to an Internet based solution therefore removing the desktop sets reviewing and renewing 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) 	2024 onwards	Medium (location-based)	Purchased Electricity
3	Replacing the gas boiler with air conditioning units equipped with heat pump technology for the CPG Logistics Offices, reducing reliance on fossil fuels and improving energy efficiency to lower carbon emissions.	2025-2026	High	Stationary Combustion

Future Carbon Reduction Plans

Scope 1 & 2

No.	Activity	Target Date	% Reduction Target	Category
4	Total location-based electricity emissions (National Grid energy mix) are still 58.8 tCO ₂ e so there is an opportunity to reduce energy use. Behaviour change initiatives to be implemented within the workplace to educate and inform employees on ways to reduce energy consumption, such as clear messaging for turning off lights, monitors, computers, other electrical appliances and machinery where appropriate.	2025 onwards	Low (location-based)	Purchased Electricity
5	Conduct annual reviews of the remaining company vehicles using fossil fuels. Our strategy for company vehicle electrification is as follows: we will continue to use both the van and lorry until they reach the end of their useful life, as both vehicles are in good condition. Zero-emission options will be evaluated when purchase costs drop to a financially feasible level, and technology for electric vehicles improves to provide greater power capacities for heavy loads and longer distances.	2025 onwards	100%	Mobile Combustion Purchased Electricity (EVs)
6	Consider low-cost options such as adding heat & sunlight control reflective window sheets.	2025 onwards	Low-medium	Stationary Combustion
7	Consider driver-efficiency training for company vehicle users. As part of distribution partner reviews, understand whether they provide driver efficiency training to help demonstrate a reduction in total fuel/electricity use.	2025 onwards	Low-medium	Mobile Combustion Purchased Electricity (EVs)

Future Carbon Reduction Plans

Scope 1 & 2

No.	Activity	Target Date	% Reduction Target	Category
8	To reduce heating related emissions, explore commissioning a site audit to determine where insulation can be improved (common areas of improvement are roofs, external walls, windows and doors). Using thermal cameras will often identify these areas of low insulation with ease in colder months.	2026	High	Stationary Combustion
9	Procure a 100% renewable electricity tariff. This change will reduce market-based emissions (from chosen tariff) to 0 tCO ₂ e.	2028-2032	100% (market-based)	Purchased Electricity
10	To completely reduce market and location-based energy emissions to zero, explore installing on-site renewable energy generation and heating technologies where feasible as part of the above site audit, such as a small wind turbine, heat pumps (following an energy audit to assess feasibility and payback periods), and/or electric radiative heating (or other heating), to generate 100% of heating and energy demand.	2032	100% (location and market-based)	Stationary Combustion Purchased Electricity

Based upon the above completed and planned initiatives, it is projected that Scope 1 & 2 carbon emissions will decrease from the current measurement of 0.0184 kgCO₂e per £ to 0.00296 kgCO₂e per £ by 2032. This is a reduction of 84% and will keep us on track to Net Zero.

Future Carbon Reduction Plans

Scope 3

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

No.	Activity	Target Date	% Reduction Target	Category
1	As part of review meetings, understand the sustainability of the distribution partners used directly by our customers. Support customers as needed by recommending alternative carriers and helping the transition to more sustainably focused partners.	2024 onwards	High	Downstream Distribution
2	Prioritise sustainable, low-carbon packaging solutions, and provide these options to customers, aligning with their environmental goals. Use recyclable packaging where possible to enable end customers to recycle in mainstream household recycling waste.	2024 onwards	Medium	Purchased Goods & Services
3	Review logistics partners/carriers. Work with providers to gather their emissions data, and/or switch to lower-carbon providers. Annually review the sustainability of our logistics partners' transport methods and ensure CPG Logistics are only using distribution partners that are actively transitioning to a zero-emission fleet.	2024 onwards	Very high	Upstream Distribution

Future Carbon Reduction Plans

Scope 3

No.	Activity	Target Date	% Reduction Target	Category
4	<p>Implement a Sustainable Procurement Policy. This policy will aim to educate employees to consider sustainable procurement options when making purchasing decisions. It will highlight areas such as environmental, social and economic considerations.</p>	2025	High	Purchased Goods & Services
5	<p>Implement Sustainable Travel guidelines within the Travel and Expenses Policy to support environmental impact of choices when travelling 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, examples of which may include:</p> <ul style="list-style-type: none"> • Cycle to work schemes • Encouraging car sharing opportunities <p>Utilise the emissions travel hierarchy:</p> <ul style="list-style-type: none"> • Digital communication • Walking and cycling • Public and shared transport • EV's and car sharing/clubs • ICE vehicles and car sharing/clubs • Air travel 	2025	Medium-High	Business Travel Commuting

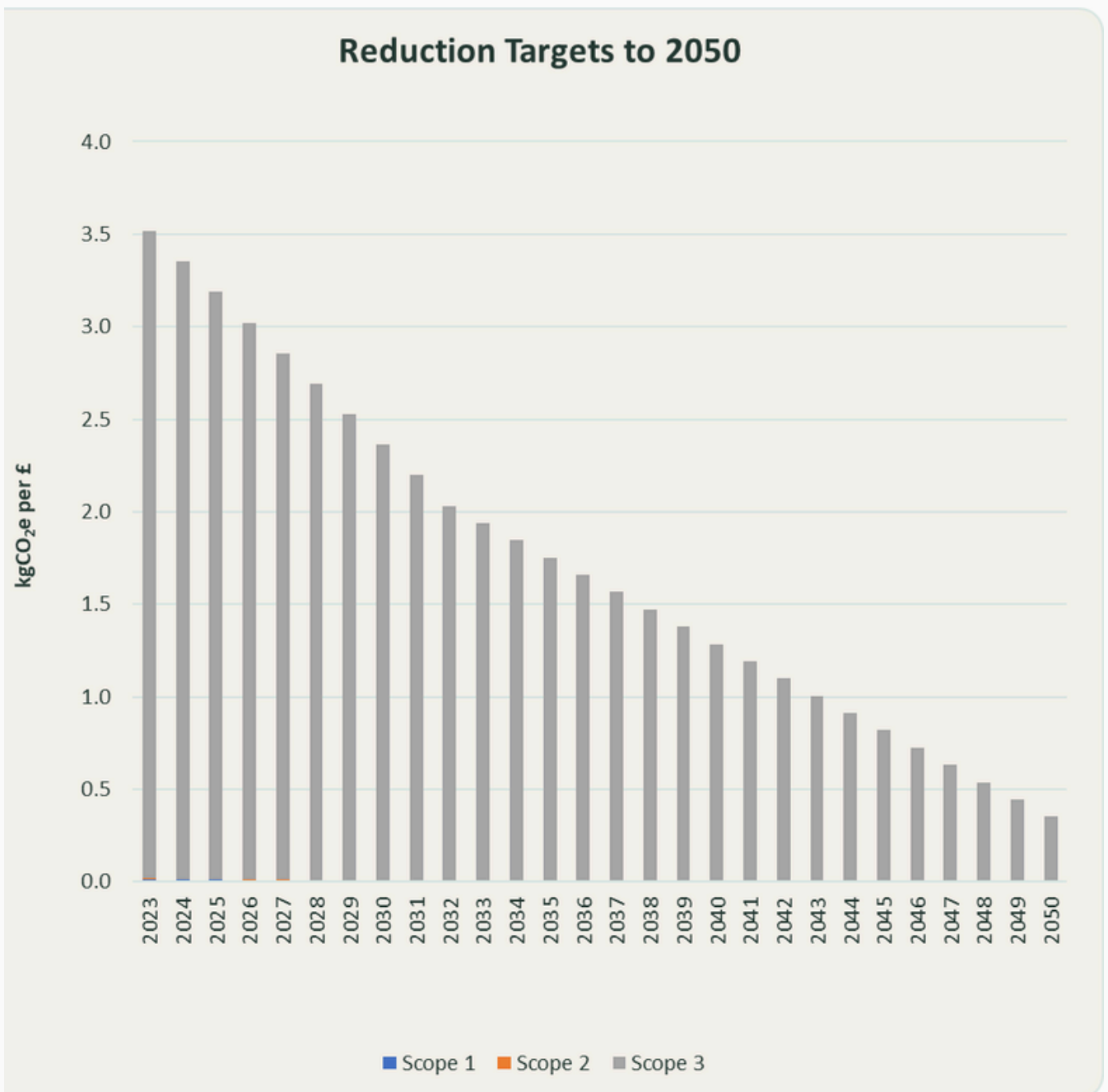
Future Carbon Reduction Plans

Scope 3

No.	Activity	Target Date	% Reduction Target	Category
6	Liaise with waste providers to see if all waste (excluding WEEE, medicinal etc) can be diverted from landfill, and consider switching suppliers if they are unwilling to do so.	2025 onwards	Medium	Waste
7	Consider training and engagement for the ESG Team, senior management, and the wider employee base. Training may include internal communication, newsletters etc, Green and Sustainability training, as well as certified Carbon Literacy training. On average, certified learners reduce their carbon footprints by 5-15%, of which ~50% are work-related. Any training provided and new initiatives will be shared externally through CPG's Annual Report.	2025 onwards	Medium	Commuting & Homeworking Business Travel

Based upon the above completed and planned initiatives, it is projected that (as a minimum) Scope 3 carbon emissions will further decrease over the next seven years from the current normalised measurement of 3.4985 kgCO₂e per £ to 2.02913 kgCO₂e per £ by 2032. This is a reduction of 42% and will keep us on track to Net Zero.

Reduction Targets to 2050



Declaration and Sign Off

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**.

This Carbon Reduction Plan has been created by Positive Planet Eco Technology Ltd, Bonded Warehouse, Lower Byrom Street, Manchester, England, M3 4AP.

This Carbon Management Plan has been reviewed and approved by the CPG Logistics Board of Directors.

Signed on behalf of CPG Logistics:



Richard Lord

Managing Director
December 2024

* <https://ghgprotocol.org/corporate-standard>

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