

Carbon Reduction Plan

Supplier name: Valley Northern
Publication date 11.02.2025

Commitment to achieving Net Zero

Valley Northern is committed to achieving Net Zero emissions by 2045

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. Our reporting includes scope 1 & 2 and the following from scope 3

- a. Upstream transportation and distribution
- b. Waste generated in operations
- c. Business travel
- d. Employee commuting
- e. Downstream transportation and distribution

Baseline Year: 2022	
Additional Details relating to the Baseline Emissions calculations	
Baseline year emissions:	
EMISSIONS TOTAL	(tCO₂e)
Scope 1	22.3
Scope 2	17.1
Scope 3 (Included Sources)	246.7
Total Emissions	265.8

Current Emissions Reporting

Reporting Year: 2024	
Additional Details relating to the Current Emissions calculations	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	19.1
Scope 2	14.8
Scope 3 (Included Sources)	183.5
Total Emissions	217.4

Emissions reduction targets

We are already have had ISO14001 certification for 20 years and have already made a massive amount of carbon reductions such as having electric forklifts, changing our lighting to be LED and our water heaters to be electric, switching our electric providers to be fully renewable sources etc

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next ten years to 173tCO₂e by 2034. This is a reduction of 34.5% aligned with the NHS decarbonisation pathway (2045 goal).

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed prior to this year

- Changed from sending waste to landfill in general waste bins to having recycling bins which means we recycle a large quantity of our cardboard & plastic waste,
- Avoided wastage of wooden pallets by sending these for recycling into woodchips for use for biofuel.
- use electric forklift trucks in our warehouse, as opposed to other fuels, such as diesel, in order to reduce the amount of air pollution
- replacement of all of the lighting to be modern state of the art LED lighting in both the offices and all of our warehouses reducing energy consumption significantly
- we have ensured that the vast proportion of any plastic bag ranges that we offer are made from a minimum of 30% recycled content to help encourage recycling and to encourage a circular economy. Some of our bags are even made from 100% recycled material! We actively encourage our customers to switch to using more environmentally friendly alternatives in discussions with them.
- We have switched the vast majority of our customers over to paperless billing and invoicing which over the last two years alone has saved over 285kg of paper!
- We have increased the no of items we are shipping directly from our factory to our customer by 91 % meaning less freight movements.
- We have switched over our last remaining product range of plastic bags to be 30% recycled content.

The following environmental management measures and projects have been completed in the year of 2024

- In 2024, Valley Northern launched the Solar Panel Initiative as part of our commitment to renewable energy and reducing our carbon footprint. After discovering inconsistencies in the renewable electricity claims of our previous electricity supplier, we took proactive steps to secure a more reliable source of renewable energy.
- In 2024, Valley Northern launched the Order Consolidation Campaign as part of our strategy to reduce carbon emissions associated with transportation. Recognizing that many customers placed multiple smaller orders to the same delivery addresses, we initiated this campaign to encourage order consolidation and minimize unnecessary travel
- At Valley Northern, we are committed to promoting sustainable commuting options and supporting the physical health and wellbeing of our employees. The Cycle-to-Work scheme was upgraded to make cycling more accessible and affordable for our team members.
- Our eco-friendly promotional offers aimed to encourage sustainable purchasing by providing customers with incentives linked to environmental benefits. By aligning our promotions with sustainability goals, we sought to inspire customers to make more ecoconscious choices while supporting initiatives that positively impact the environment.

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

Some future projects we hope to implement in the future are as follows:

- Significantly enhance the energy efficiency of our heating and cooling systems through the Energy Efficient Heating Project. By replacing outdated equipment with high-efficiency air conditioning units and additional panel heaters, we aim to reduce energy consumption and lower operational costs.
- Continue working with our supply chain to reduce their carbon emissions

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 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 (or equivalent management body).

Signed on behalf of the Supplier:

Alan Hood

Date: *11/02/25*