

Carbon Reduction Plan

Supplier name: Valley Northern

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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	(tCO ₂ e)
Scope 1	22.3
Scope 2	17.1
Scope 3 (Included Sources)	246.7
Total Emissions	265.8

Current Emissions Reporting

Reporting Year: 2025	
Additional Details relating to the Current Emissions calculations	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0
Scope 2	26
Scope 3 (Included Sources)	227.7
Total Emissions	253.7



Emissions Reduction Targets

We have held 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. We have also switched our electric providers to be fully renewable sources etc.

To continue our progress towards 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 the lighting to be modern, state of the art LED lighting in both the offices and all our warehouses reducing energy consumption significantly
- Ensured that the vast proportion of any plastic bag ranges that we offer are made from a minimum of 30% recycled content to help promote recycling and 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 number 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 2025:

- In 2025, Valley Northern launched the Energy Efficient Heating Project. By replacing outdated equipment with high-efficiency air conditioning units and additional panel heaters, we managed to reduce gas energy consumption to zero and lower operational costs
- The dock leveller has meant less manoeuvring time as it is now much easier to park up, creating less travel for forklifts in the goods in area
- We reduced the number of times we go to offsite venues for meetings – thereby reducing travelling time. This has saved approximately 2400 miles of travel, equating to 52 metric tons of CO2
- 86% of our electricity shown above in scope 2 is from renewable sources
- We encourage the use of re-usable bottles and have filtered water available to support with this
- We have been working with our carriers and in 2025, approximately 26% of our deliveries were carried out in electric vehicles.

Some future projects we hope to implement are as follows:

- Look into the possibility of an extension to the building to reduce offsite storage, therefore reducing the movement of goods between warehouses
- Continue working with our supply chain to reduce their carbon emissions
- Consideration for electric charging points to encourage more people to have electric cars
- We will consider the emissions of the couriers when selecting which one to use for outbound freight
- We will consider using more local suppliers for goods and services where commercially viable.



