

# Carbon Reduction Plan

**Supplier name: Kendal Nutricare Ltd**

**Publication date: 9<sup>th</sup> May 2023**

Kendal Nutricare Ltd is committed to achieving Net Zero emissions by 2050

## 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.

<b>Baseline Year: 2021</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Emissions data had not been published in prior years therefore we selected 2021 as our base year. The methodology for measuring our carbon footprint is in line with the UK Government Greenhouse Gas protocol. The calculations were completed by CAfS and CBEN using the UK Government emissions factors. Due to continued growth and expansion in the company our carbon reduction will be measured year on year using a calculation to measure the carbon footprint as kgCO <sub>2</sub> e for every kg produced on site. From May 2023 the company will be entering into the Future NetZero Standard, supported by our energy partner UK Direct Business Solutions Limited (DBS), this platform will plot and track our journey to NetZero. All Carbon calculations to date have been verified pre submission by DBS.	
<b>Baseline year emissions: 2021</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	4146
<b>Scope 2</b>	1058
<b>Scope 3 (Included Sources)</b>	<b>Total 31604</b> <b>3731 Operational Waste</b> <b>27873 Employee Commuting</b>
<b>Total Emissions</b>	36808

	<b>Carbon footprint per kg 22.8 kgCO<sub>2</sub>e</b>
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## Current Emissions Reporting

<b>Reporting Year: 2022</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>5819</b>
<b>Scope 2</b>	1292
<b>Scope 3 (Included Sources)</b>	<b>Total 51858</b> <b>4405 Operational Waste</b> <b>47453 Employee Commuting</b>
<b>Total Emissions</b>	58969  <b>Carbon footprint per kg 21.3 kgCO<sub>2</sub>e</b>

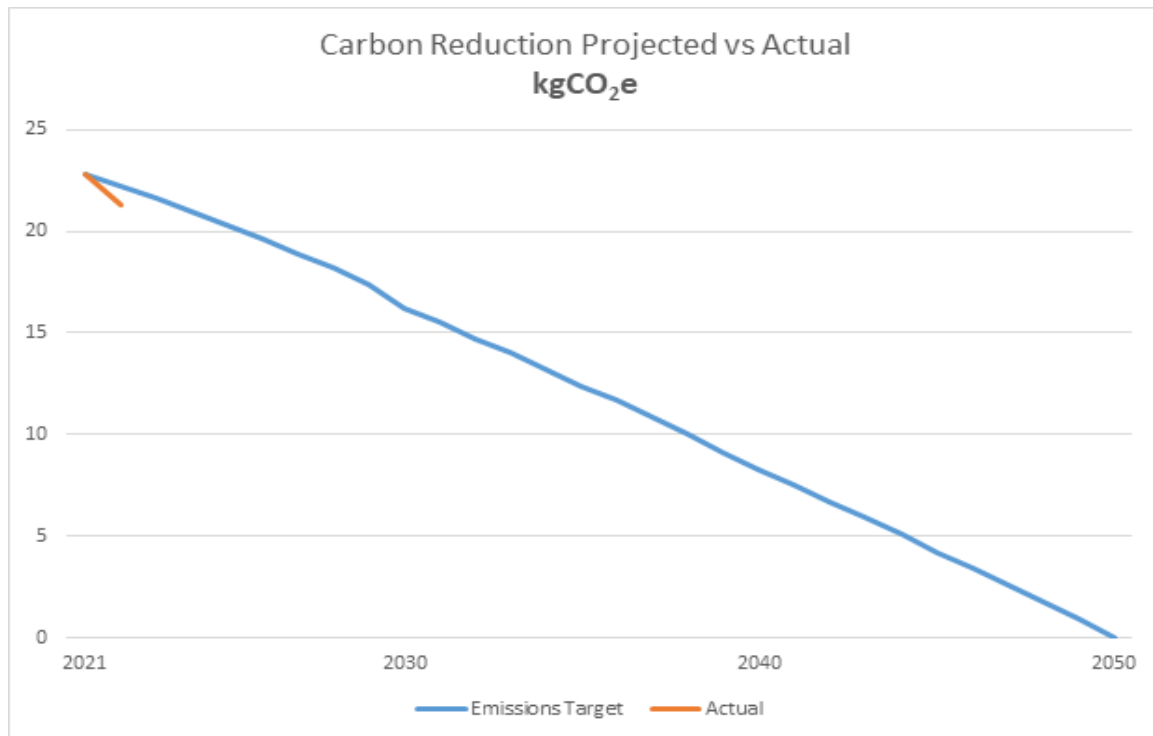
## Emissions reduction targets

We have had no previous emissions reduction commitment.

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 five years to 18.9 kgCO<sub>2</sub>e by 2027. This is a reduction of 11% from 2022 and the projection is to reach net zero carbon by 2050. We will be publishing our road map to NetZero by Q3 2023.

Progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The measures will be in effect when performing the contract.

Installation of LED lighting throughout the factory

Installation of Nitrogen Generation Plant, removing the requirement for Nitrogen to be delivered to site by tankers

New insulated roof fitted to warehouse.

Fixed speed compressors replaced by variable speed compressors.

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

- Installation of new, energy efficient buildings, plant and machinery
- On-site renewable energy sources through solar panel installation
- Switch to RE100 renewable electricity
- Installation of asset level live time sub metering solution, picking up cost, kilowatt and carbon.

- Install DAF plant to reduce water usage in our effluent plant.
- Feasibility study for onsite borehole to reduce water usage brought in from supplier.
- Replace current gas boilers with new hydrogen ready boilers.
- Deliver reductions in emissions resulting from commuting to work.
  
- Actively encourage staff to use low carbon transport methods such as walking, cycling and public transport. Promote car sharing where low carbon transport is not possible and include provision of EV charging points to promote use of low or zero emission cars.
  
- Carbon offsetting for gas usage on site

## 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 Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

### Signed on behalf of the Supplier:



Date: 9<sup>th</sup> May 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/standards/scope-3-standard>