



Carbon Reduction Plan

Vitalograph is committed to achieving Net Zero emissions by 2050.

Supplier name | Vitalograph (UK) Ltd

Publication date | 1 February 2024

URL | <https://vitalograph.com/about-us/corporate-social-responsibility/>



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.

BASELINE YEAR 2022

Additional Details relating to the Baseline Emissions calculations

Official and approved GHG Protocol methodology: ISO 14064-1 GWP 100

Measurement scope All emissions under operational control

Scope 1, Scope 2, Scope 3

Exclusions: 3.9, 3.11, 3.12, 3.13, 3.15, contracted farm

Primary data Accounting files, Employee survey, Activity data for some key emission sources

BASELINE YEAR EMISSIONS

Emissions	Total (tCO ₂ e)
Scope 1	177
Scope 2	231
Scope 3 Total	8,228
SCOPE 3 BREAKDOWN	
Category 4: Upstream transportation and distribution	422 tCO ₂ e
Category 5: Waste generated in operations	377.88 tCO ₂ e
Category 6: Business travel	341.45 tCO ₂ e
Category 7: Employee commuting	135.75 tCO ₂ e
Category 9: Downstream transportation and distribution	Omitted from this report due to incomplete data available
Total Emissions	8,636

REPORTING EMISSIONS

Reported emissions are the same as baseline emissions in this initial CRP

REPORTED EMISSIONS 2022

Additional Details relating to the Reported Emissions calculations

Official and approved GHG Protocol methodology: ISO 14064-1 GWP 100

Measurement scope All emissions under operational control

Scope 1, Scope 2, Scope 3

Exclusions: 3.9, 3.11, 3.12, 3.13, 3.15, contracted farm

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EMISSIONS REDUCTION TARGETS

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

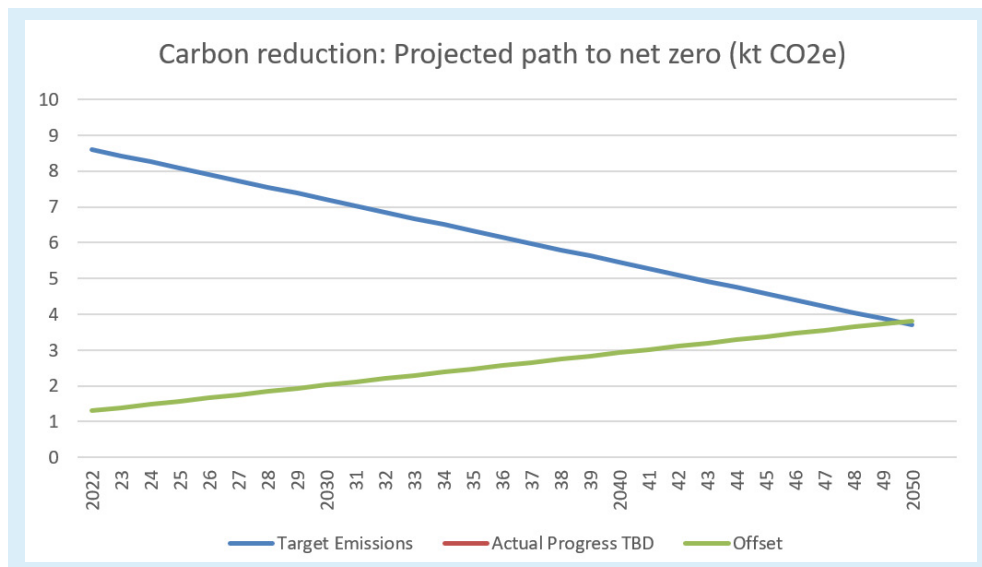
We project that carbon emissions will decrease over the next four years to 7.9k tCO2e by 2026. This represents a 25% reduction in our scope 1 and 2 emissions and a reduction of 8% of our overall emissions.

Offsetting – we commit to offsetting at least 10% of our emissions every year.

Based on our 2022 emissions data, we offset 15% of our emissions representing 1,328 tonnes of carbon, by investing in a project providing high efficiency rocket cookstoves to displace open-fire cooking methods in Malawi and Uganda. Rocket stoves significantly reduce greenhouse gas emissions over their lifetime, as well as the use of non-renewable biomass from forests—saving up to 3 tonnes per stove per year and protecting watersheds and biodiversity. They also require considerably less time for firewood collecting, reducing the work burden on rural families, and presenting alternative opportunities for economic development. Moreover, they release fewer indoor pollutants, including carbon dioxide, carbon monoxide, and particulate matter, as well as reducing burn injuries.

Progress towards targets is not reported in this inaugural Carbon Reduction Plan.

Target Emissions



CARBON REDUCTION PROJECTS

Vitalograph commits to the following environmental management measures and projects since the 2022 baseline. The carbon emission reduction achieved by these initiatives has the potential to equate to 700 tCO2e, an 8% reduction against the 2022 baseline:

- 1) **Reshoring**
Reshore 80% of BVF manufacture to Ireland from China by the end of 2024 and 95% of all manufacturing by 2026.
- 2) **Reduce packaging** 15% reduction in cardboard and plastic packaging by 2026.
- 3) **Increase recycled materials in packaging**
25% increase in recycled cardboard content and 50% increase in recycled plastic content by 2026.
- 4) **Shift sales of standard to eco variant of single use plastic bacterial viral filters using 50% less plastic** from 67% to 90% by 2026 and 100% by 2028.
- 5) **Incentives to encourage and enable more sustainable commute**
to achieve a 15% replacement of thermal car use by employees with lower emitting alternatives (e.g. bike, foot, electric or hybrid vehicles) by 2026.
 - Bike scheme in Ireland
 - Electric car scheme in UK
 - Electric car charging infrastructure (UK and Ireland)
 - Electric bike charging infrastructure (Ireland)
- 6) **Energy use reduction** infrastructure improvement project.
 - Conduct site energy surveys to identify areas for improvement
 - Upgrade all lighting to low energy lighting – 100% by 2025.
 - Install movement sensor lighting in all areas where it is safe to do so–100% by 2025.
- 7) **Increase renewable energy** use at our sites, prioritised by usage.
 - Update energy procurement to increase renewable energy and biogas credits – 60% by 2026
 - Ennis manufacturing – Install Solar PV ≥102.5kW by 2026

In addition to the quantified improvements outlined above, our business travel policy aligns with the UN business travel benchmark by considering the necessity and purpose of every journey, using the most direct route available, exploring non-flight options for journeys under 6 hours and using economy travel by default. We have implemented an employee education programme to support individual contributions to GHG emission reduction, formed an employee resource group of local sustainability champions and support local site initiatives (e.g. promote reduce, reuse, recycle; responsible consumable sourcing; biodiversity).

In the future we hope to implement further measures such as

Upgrades to insulation and roofing of current buildings.

Renewable energy installations at our UK and US sites.

Prioritise excellent energy performance for new buildings and refurbishment projects.

Work with industry partners to identify viable lower impact alternatives to virgin plastics for single use medical devices.

Circular Solutions

We will continuously improve to reduce and optimise our use of materials in products and packaging.

We will reuse and repurpose materials and goods throughout our operations, including end user product where quality may be maintained while doing so.

We will implement a sustainable-by-design approach to new product developments and during continuous improvement of existing products by updating our design handbook and processes.

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 appropriate emission conversion factors[2] 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[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of the Supplier



Helen Venn,
Director

Date 19 February 2024

[1] <https://ghgprotocol.org/corporate-standard>

[2] Calculated by Greenly GHG consultancy (<https://greenly.earth>) using ADEME monetary emission factors

[3] <https://ghgprotocol.org/standards/scope-3-standard>