

Carbon Reduction Plan

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1 Carbon Reduction Plan

Supplier name: Smidsy T/A Beryl Ltd

Publication Date: August 2023

1.1 Commitment to achieving Net Zero

Beryl is committed to Achieving Net Zero by 2050 or sooner.

1.2 Baseline Emissions Footprint

2021 has been selected as the baseline year for the greenhouse gases prior to the introduction of any reduction strategies. This will be the reference point which emissions reduction can be measured against.

Baseline Year: 2021	
Additional Details relating to the Baseline Emissions calculations	
<p>Our emissions cover scope 1, scope 2 and scope 3 categories 4, 5, 6, 7 and 9.</p> <p>The reporting scope covers energy and carbon used over the baseline period from 1 January 2021 – 31 December 2021.</p> <p>Where we could not collect primary data, assumptions have been used instead to calculate the carbon footprint. For example Beryl’s head office and Bournemouth site electricity usage was estimated based on service charge values and benchmarking. The same concept also applies to the gas usage for the Head Office and Manchester site.</p> <p>All carbon calculations adheres to the greenhouse gas accounting standard Greenhouse Gas Protocol (GHGP) Corporate Accounting and Reporting Standard developed by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD), which is the global standard for calculating corporate GHG emissions.</p> <p>We are still working to measure all of our Scope 3 emissions. Once we have measured this, we will update the baseline year total emissions and year-on-year progress comparisons in our future report updates.</p>	
Baseline year emissions: 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	67.21

Scope 2	23.71
Scope 3	93.07
Total Emissions	183.99

1.3 Current Emissions Reporting

Reporting Year: 2022
Additional Details relating to the reporting emissions calculations
<p>Our emissions cover scope 1, scope 2 and scope 3 categories 4, 5, 6, 7 and 9.</p> <p>The reporting scope covers energy and carbon used over the baseline period from 1 January 2022 – 31 December 2022.</p> <p>Where we could not collect primary data, assumptions have been used instead to calculate the carbon footprint. For example Beryl’s Bournemouth site electricity usage was estimated based on service charge values, site size, energy efficiency rating, full-time staff count and benchmarking.</p> <p>In August 2022, we moved and downsized our Head Office location, which has a BREEAM rating ‘Excellent’, improving energy usage efficiencies. The electricity usage is now measurable and no gas is used at this site.</p> <p>At the Manchester site, the gas usage is no longer estimated and is now tracked.</p> <p>All carbon calculations adheres to the greenhouse gas accounting standard Greenhouse Gas Protocol (GHGP) Corporate Accounting and Reporting Standard developed by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD), which is the global standard for calculating corporate GHG emissions.</p> <p>Beryl is still expanding as a business, multiple new schemes and sites set up around the UK in 2022, largely increasing upstream transport logistics CO2 covered in Scope 3. This resulted in a 35.7% growth rate of the Beryl team from 2021 to 2022. This has naturally increased our overall tCO2 amount in our Scope 3 categories including; employee commuting, business travel and home working emissions. We have also moved our bike assembly to the UK, with a new site set up in Poole, close to a range of our micro-mobility schemes based in the south.</p>

Despite this, in our best efforts we have decreased gas by 80.53% in 2022 compared to a 2021 baseline. Electricity reduced by 28.98%, waste was reduced by 38% and diesel for operational vehicles has decreased by 5.67%.

We are still working to measure all of our Scope 3 emissions. Once we have measured this, we will update the baseline year total emissions and year-on-year progress comparisons in our future report updates.

EMISSIONS	TOTAL (tCO₂e)
Scope 1	54.4
Scope 2	17.55
Scope 3	247.19
Total Emissions	319.14

1.4 Emissions reduction targets

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

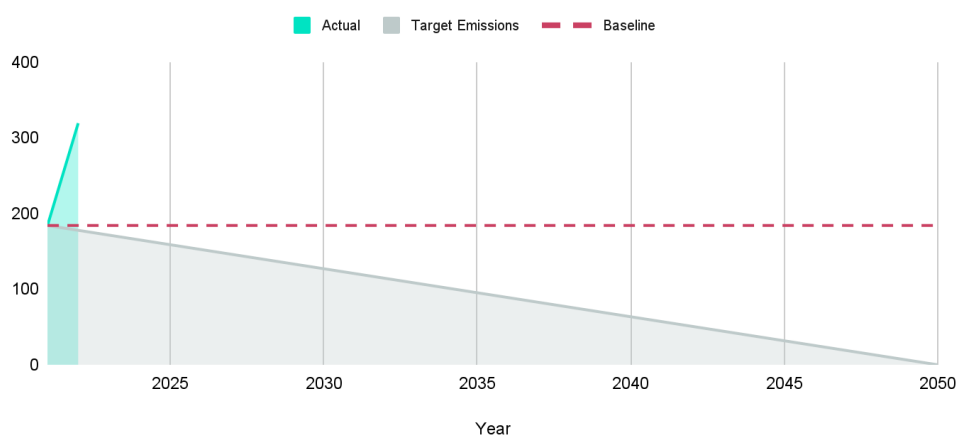
Beryl commits to reduce scope 1 and scope 2 greenhouse gas emissions 38% by 2030 from a 2021 base year, and to measure and reduce its scope 3 emissions by 2030. This target alone will reduce the carbon emissions by 34.55 tCO₂.

This carbon reduction target has been validated by the Science Based Targets initiative (SBTi) in line with what the latest climate science deems necessary to meet the goals of the Paris Agreement – limiting global warming to 1.5°C above pre-industrial levels.

Our approach to meeting this commitment is as follows:

- To eliminate the use of diesel vehicles by transitioning Beryl’s operational fleet to 100% electric by the end of 2024.
- To procure 90% of electricity through low-impact renewable contracts by 2025.
- Reduce natural gas usage through heating and cooling, by leasing sites with no gas usage, reducing gas usage and transitioning to procurement of biogas sources as a lower carbon alternatives.

Beryl Carbon Reduction: Projected vs. Actual



1.5 Carbon reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2021 baseline:

- We have gained the ISO 14001 Environmental Management System (EMS) certification
 - Beryl seeks to continuously improve environmental performance. The management of this forms part of a wider integrated management system, which also encompasses quality and security management (ISO 9001 & ISO 27001). An annual audit will be conducted by the British Assessment Bureau to ensure high standards are upheld.
- We have increased the % of low-impact renewable energy for all Beryl leased sites to 71.52%.
- We have downsized our Head Office which was previously the highest emitting site in 2021, due to high gas and electricity usage. The new head office does not use gas, the building has a BREEAM rating of 'Excellent', improving energy usage efficiencies, and the electricity usage is now measurable.
- We have continued to switch the operational fleet from diesel to electric whilst actively installing electric vehicle charging points across our UK sites.

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

- Review and measure remaining Scope 3 categories and update the carbon reduction plan accordingly.
- Review and optimise data collection methods for carbon emission data
- We are in the process of establishing further validated Science-based Targets.
- Deliver a green transport programme to decrease overall emissions tied to travel

This programme will aim to target the following:

 - Continue to transition Beryl's operational fleet to 100% electric by the end of 2024.
 - Reduce air freight
 - Review greener freight options for upstream logistics
 - To improve % of sustainable business travel and commuting

- To decrease tCO2 business travel
- Review options for improved energy efficiency
- Making upgrades to our mobility hubs which improve energy efficiency and reduce the use of gas, such as installation of double-glazed windows, upgrade to LED lighting and replacement of our heating and cooling systems.

1.6 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:



Phillip Ellis - CEO

Date: 24/08/2023