

ENV-005C - Carbon Reduction Plan:

Commitment to Achieving Net Zero



Commitment to achieving Net Zero

Cyclife UK Ltd. (Cyclife) 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.

2022 has been deemed to be our baseline year. Our baseline emissions include all our measurable Scope 1, 2 emissions. Our scope 3 carbon emissions include;

- Upstream transportation and distribution
- Waste generated in operations
- Business Travel
- Employee commuting
- Downstream transportation and distribution

We include all 7 Kyoto Protocol Greenhouse Gas groups in our emissions footprint calculations and have calculated our carbon emissions using the Greenhouse Gas Protocol Standard.

Cyclife acknowledge that additional refinement of scope 3 data is required. This approach does not prevent action from being taken to reduce our emissions.

Baseline Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	48
Scope 2	113
Scope 3 (Included Sources)	6968
Total Emissions	7128

Current Emissions Reporting

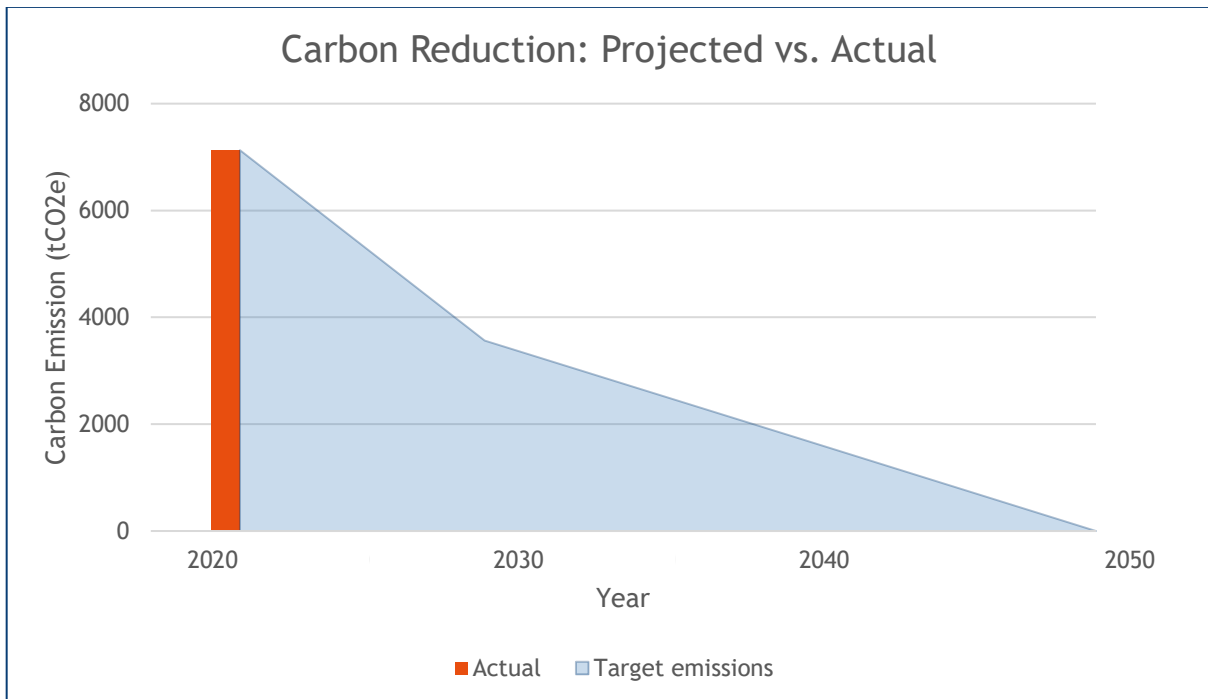
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Total Emissions	7128

Emissions reduction targets

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 **4989 tCO₂e by 2027**. This is a reduction of **30%**. Cyclife is committed to a 50% reduction before 2030 in-line with EDF group requirements.

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 started in 2022:

- Our work with customers to recycle metal provides carbon savings to the supply chain. Cyclife allows for metal from nuclear sites to be treated and recycled, prolonging the use of the metals, contributing to a more sustainable supply chain and reducing the carbon required for the mining or metal ores.
- In 2022 Cyclife opened up additional office spaces and promoted the use of the home working to reduce the unscary business travel to the Metal Recycling Facility. This has been successful in reducing the number of staff commuting to the MRF from outside of the local area by 15%.
- We are developing an internal dashboard to manage our environmental data and allow for analysis.
- We are implementing engagement strategies to encourage our people to learn more about reducing their environmental impact. This includes internal communications forums and offering training to employees.
- We are developing a business case and seeking to instal Solar Pannels at the Metal Recycling Facility to reduce our scope 2 carbon emissions by up to 34% per annum.
- Cyclife have introduced an electric car scheme as part of our employee benefits to encourage lower carbon emissions during business travel and employee's commuting. Cyclife also have planning permission granted for the installation of electric charging spaces at the MRF and will continue to work towards installing the charging spaces for our employees.
- The Cyclife environmental management system is scoped for all activities and is UKAS certified to 14001 and externally verified by LRQA.

Future Carbon Initiatives

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

- Continuously work to collect the highest quality, primary data on our emissions to aid in reduction and progress measurement. This includes refining our Scope 3 carbon emissions.
- Reduce carbon emissions associated with travel and transport, by air, rail, and road through the implementation of a sustainable travel policy across Cyclife. This includes increasing the percentage of waste being sent to UK disposal sites.

- Transparently report on our environmental metrics both internally and externally
- Work with our critical suppliers to understand their own carbon emissions and develop a common carbon management approach.
- Perform an internal audit on our Metal Recycling Facility to understand what energy saving opportunities are available and can be implemented to reduce our energy demand.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:



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Date: Sep 21, 2023

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

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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


ENV-005C - External Carbon Reduction Plan - Rev A

Final Audit Report

2023-09-21

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