

Carbon Reduction Plan

Supplier Name: Typharm Ltd

Publication Date: 13 September 2024



Commitment to Achieving Net Zero

Typharm Ltd is committed to achieving Net Zero emissions by 2050.

Baseline/Current 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: August 2023 – August 2024	
Additional details relating to the Baseline Emissions calculations.	
The current version of the Carbon Reduction Plan is its first iteration and thus the first time in which emissions relating to operations have been measured and recorded. The following baseline measurements are thus also the reporting measures. To provide clarification on Scope 2 measurements, the electricity consumption on site is solely under a green tariff from British Gas which is solely from renewable energy sources. Due to a recent site move during early 2023, a mid-year time point in 2023 is used as the start of the baseline year in order to give a more accurate representation of normal operations. This Carbon Reduction Plan will be reviewed at the start of 2025 with new reporting measurements and will then be reviewed and updated annually onwards for consistency.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	5.831
Scope 2	0
Scope 3	387.315
Total Emissions	393.146

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 302.420 tCO₂e by 2030. This is a reduction of 30%.

Carbon Reduction Projects

Due to being the first iteration of the Carbon Reduction Plan, there is no current progress to report of. However, several carbon emission reducing factors should be taken into account of the baseline measurements from pre-determined actions. Moving operations from a previous building to a new purpose built facility, allowed for greater building efficiency standards to be implemented (EPC rating B, 29,68 kgCO₂/m²). In addition, motion sensing lights had been installed in the offices to reduce unnecessary usage. The contracted waste disposal company for onsite bins has contributed towards a savings in kgCO₂e for the baseline year of 386, diverting 100% of our consumer waste from landfill and recycling 46.21%.

Further projects that can be executed as part of our goals to reduce our carbon emissions are highlighted and detailed below.

Short Term

Reduction of dependency on paper

Current company procedures and operations heavily revolve around the use of paper and hard copy documentation for digital files. The Quality Management System (QMS) is one example that uses a significant amount of paper and printing in its current structure and management. We are initiating a project to identify measures that can reduce our usage and associated GHG emissions.

Low emissions vehicle incentives

In order to incentivise employees towards low emissions vehicles such as hybrid and electric vehicles, the following actions will take place in due course:

- Installation of EV charging points at the company site to allow employees to charge whilst at work with electricity derived from renewable sources.
- Implementation of a policy in which ensures that in the future all company provided vehicles will be hybrid or electric.
- Implementation of an EV salary sacrifice scheme which gives employees a financial incentive to move to electric vehicles for daily driving at their own decision.

Hybrid working

Development of hybrid working arrangements will be evaluated with a view to lowering GHG emissions.

Business travel

Excessive travel for business purposes will be discouraged where possible, in favour of online-based alternatives. In the cases where in-person meeting is deemed a necessity, methods of transport are to be time and energy efficient.

Medium Term

Waste management

Explore with contractors options for reducing emissions from the activity.

Upstream transport methods reform

Explore alternative methods of transport for products.

Long Term

On site renewable energy project

Explore on-site renewal energy projects which could include solar panel installation, installation of large batteries to store additional electricity and wind turbine installation.

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.

Signatories:

Managing Director: Chandra Ondhia

Signature:



Date: 13/09/2024

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>