

Carbon Reduction Plan

Supplier name: Thesis Technology Products Ltd

Publication date: November 2024

1. Commitment to achieving Net Zero

Thesis Technology Products Ltd. is committed to achieving Net Zero emissions by 2050.

2. 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: **2022/23**

The following Scope 3 emissions were measured:

- Employee business travel
- Employee commuting
- Freight emissions
- Manufacturing
- Waste disposal
- Water usage
- Purchased goods and services

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2.31 tCO ₂ e
Scope 2	10.96 tCO ₂ e
Scope 3	258.14 tCO ₂ e
Total Emissions	271.41 tCO ₂ e

3. Current Emissions Reporting

Reporting year: **2023/24**

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	3.49 tCO ₂ e
Scope 2	9.62 tCO ₂ e
Scope 3	220.23 tCO ₂ e
Total Emissions	233.34 tCO ₂ e

This equates to a Carbon Intensity per employee of **7.8 tCO₂e** based upon **29.93 FTE** employees during the measurement period.

4. Emissions reduction targets

Our carbon reduction target for **2023/24** was **7 tCO₂e** (a reduction of **2.6%**).

In fact, we have significantly exceeded this target:

Our carbon reduction for the current year is **38.07 tCO₂e** which is a reduction of **14%**

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 next year (2024/25) by approx. 12 tCO₂e which is over 5%, and by the year 2030 our target reduction is a further 4.5% or 10 tCO₂e.

5. Carbon Reduction Projects

Completed Carbon Reduction Initiatives:

Activity	Completion date	Scope
Commitment to measuring the carbon footprint of business activities annually in order to make efficient and direct improvements to reduce carbon emissions.	2023	1,2,3
LED lighting introduced in manufacturing and office areas. We actively encourage the use of natural light.	2023	2
Printer cartridge recycling (via postal schemes and local recycling centres).	2023	3
Double sided printing where possible to reduce paper usage.	2022	3
Procurement of a cardboard only recycling bin and a separate bin for mixed dry recycling.	2023	3
Installation of a food compost bin for employee food waste	2023	3

Changes made to product packaging to biodegradable poly bags and cardboard inserts.	2023	3
Cycle to Work scheme offered to all employees to encourage less car usage.	2022	3
Changes to sales strategy to reduce business travel.	2023	3
ISO 14001 certification achieved	2024	1,2,3
Installation of 10 kw Solar PV system	2024	2
Reduce frequency of raw material deliveries to monthly instead of fortnightly	Partly completed	3

6. Future Carbon Reduction Plans

Future Carbon Reduction measures planned to 2030:

Carbon Reduction Plans:

Activity	Target date	Scope
Implement neoprene waste recycling scheme.	2025	3

Insulate external walls to reduce heat loss	2026	1,2
Replace company diesel vehicle with electric or hybrid vehicle.	2028	1
Actively encourage more car share arrangements with suitable staff incentives.	2025	3
Installation of EV charging point for company-owned and employee-owned vehicles	2026	1,3
Investigate alternatives to PVC for manufacture of our main product	2030	3
Reduce frequency of raw material deliveries to monthly instead of fortnightly – ongoing	2025	3
Switch to a green energy supplier	2026	2

7. 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 the appropriate [Government emission conversion factors for greenhouse gas company reporting](#)^[2].

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 Thesis Technology board of directors.

^[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>
[protocol.org/standards/scope-3-standard](https://ghgprotocol.org/standards/scope-3-standard)