

Rype Office SME Climate Hub Submission 2025

Reporting period: 1 Jan 2025 to 31 Dec 2025

Accounting standard: GHG Protocol Corporate Accounting and Reporting Standard (Revised Edition)

Target Alignment: Science Based Targets Initiative (SBTi) SME Validation Route

Approved by: Dr Greg Lavery CEO

Rype Company Information

Rype Office provides an end-to-end Circular Economy solution for commercial office furniture, capturing otherwise wasted value, diverting waste from landfill, significantly reducing carbon emissions and saving money for corporate and public sector clients.

Rype's solution includes:

- **Inventories:** Rype's market-leading software uses AI to instantly create digital product passports and inventories.
- **Multi-life management:** Using Rype's inventory software, clients can instruct repairs, refurbishment, remanufacturing, moves, storage, clearances and re-homing at the touch of a button. Rype also creates furniture potential reports to show designers how existing furniture can be transformed through remanufacturing – for inclusion in their designs for new offices instead of new furniture.
- **Furniture supply:** Rype remanufactures furniture (from clients' existing sites or from clearances) to as-new condition and creates furniture from post-consumer waste, like yoghurt pots.
- **Remanufacturing:** Rype's remanufacturing service brings furniture back to as-new condition.
- **Clearance & Re-homing:** Instead of sending furniture to landfill, Rype re-homes items via its recommerce marketplace of 30,000 charities, schools, SMEs and budget conscious buyers. Inventoried furniture items can be placed on the marketplace at the touch of a button.
- **Integrated shipping:** Rype's software enables automated shipping – eliminating the hassle of logistics management.
- **Reporting:** Rype's software automatically provides full traceability and sustainability reporting for clients.

Background

Office furniture is the largest source of carbon emissions in the lifetime of a commercial building; remanufacturing reduces the embodied carbon by 80%. 300 tonnes of office furniture go to landfill every working day in the UK; remanufacturing diverts this furniture from landfill. Conventional linear furniture manufacturing relies heavily on carbon intensive raw materials and is usually manufactured overseas, often via complex opaque supply chains.

Cumulative Impact delivered to date:

- Client Cost Savings: £50+ million,
- Landfill diversion: More than 8,000,000 kg of commercial furniture diverted from disposal
- Embodied Carbon Avoided: Over 30,000,000 kgCO₂e (30,000 tCO₂e) saved
- Social value & Inclusion: Over 8,000 hours of employment and skills training for long term unemployed individuals and people with disabilities.

Company Information

Operating facility: Rype is based in High Wycombe in a single combined remanufacturing workshop, distribution depot and office facility (1435 sqm)

Operational boundary (Scope 1&2): We use only renewable electricity. Space heating and workshop power are 100% electric, there is zero on-site stationary combustion of fossil fuels (natural gas, heating oil or LPG).

Headcount: 20 Full-Time Equivalent employees in 2025.

Revenue: £2.09 million in 2025 (up from £1.2 million in 2024, representing +74% commercial growth)

Supply chain and delivery: UK based short and transparent supply chain supporting nationwide commercial client projects

Climate Commitments & Science Based Targets

Rype Office commits to climate action in direct alignment with the Science Based Targets initiative (SBTi) SME Target Validation Route and the SME Climate Hub.

1. Near-Term Science-Based Target (2030):

Rype Office commits to reduce absolute Scope 1 GHG emissions 50% by 2030 from a 2022 base year, to maintain zero market-based Scope 2 GHG emissions through 2030, and to measure and reduce its Scope 3 emissions.

2. Long-Term Net-Zero Target (2050):

Rype Office commits to reach net-zero greenhouse gas emissions across the value chain by 2050 from a 2022 base year. As part of this commitment, Rype Office commits to reduce absolute Scope 1, Scope 2, and Scope 3 emissions by at least 90% by 2050, neutralising any residual emissions (<10%) using permanent carbon removals in accordance with the SBTi Corporate Net-Zero Standard.

3. Interim Decarbonisation Milestones:

During 2027 complete baseline screening across 5 prioritised Scope 3 categories.

Emissions Reporting

Rype Office has been part of the SME Climate Hub since 2022, for 2022 and 2023 we reported our scope 1 and 2 emissions using the SME Climate Hub free calculator.

From 2024 onwards we have used the UK Government Greenhouse Gas Reporting conversion factors to monitor and report our emissions.

For 2025 we used the latest conversion factors [Greenhouse gas reporting: conversion factors 2025 - GOV.UK](#)

Year	Scope 1 Metric tonnes CO2e	Scope 2 Metric tonnes CO2e (location)	Scope 2 Metric tonnes CO2e (market)	Calculation method
2022	26.6	15.6		Normative calculator via SME Climate Hub
2023	18	0 ¹	0	Normative calculator via SME Climate Hub
2024	6.8	7.7 ²	0	UK Government Greenhouse Gas Reporting conversion factors

¹ As advised by Normative based on Rype's use of 100% renewable electricity

² Value based on KWH use of electricity using the UK Government Greenhouse Gas Reporting conversion factor.

2025	16.8	6 ²	0	UK Government Greenhouse Gas Reporting conversion factors
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Scope 1 emissions are from our own vehicles; our ambition is to transition to electric powered vehicles once they are economically viable and offer sufficient range. We expect developments in electric vehicle technology by 2030 will enable this shift.

Scope 2 emissions - we only use renewable electricity; we have already upgraded our lighting and heating to more efficient equipment. We will continue to work on reducing our electricity consumption wherever possible.

Scope 3 Assessment & Roadmap

During 2027 we will initiate a structured Scope 3 accounting programme, initially focusing on:

- Category 3 Fuel and Energy Related Activities
- Category 5 Waste in operations
- Business travel
- Employee Commuting
- Home working

Carbon Intensity

Year	Scope 1 & 2 kg CO2e	Turnover £m	Intensity kg CO2e/£m
2024	14.5	1.2	12.08
2025	22.8	2.09	10.9

Climate Solution

Over 85% of Rype's revenue is from the sale of remanufactured furniture, helping our clients save carbon emissions and waste. By extending the operational life of existing furniture, Rype eliminates the upstream extraction, refining, manufacturing and transport emissions associated with virgin furniture production.

In compliance with the GHG protocol and the UK CMA Green Claims Code, avoided greenhouse gas emissions are reported separately and are never netted against Rype Office's corporate Scope1, 2, or 3 inventory.

Remanufacturing reduces embodied carbon emissions and waste by 80% compared to buying furniture made from virgin materials.

Giuntini, R., Gaudette, K. Remanufacturing: The next great opportunity for boosting US productivity, Business Horizons, Nov-Dec 2003, p. 44. states that remanufacturing reduces carbon emissions by 80% across industry sectors.

Rype has calculated emissions associated with remanufactured furniture, the results are aligned with the published research, an explanation and the calculations can be found in this blog on the Rype website.

<https://www.rypeoffice.com/remanufacturingemissions-savings/>