



Grafton Optical Carbon Reduction Plan

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Commitment to achieving Net Zero

Grafton Optical 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.

Baseline Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
Emissions data had not been previously reported so the 2023 calendar year was set as the baseline for emissions calculations. Calculations were completed using GHG Protocol guidance notes and the BEIS Conversion Factors 2023.	
Baseline year emissions: 2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	26.59
Scope 2	3.69
Scope 3 (Included Sources)	87.30 Upstream T&D - 68.35 Waste – 0.07 Business travel – 3.78 Commuting – 3.06 Downstream T&D – 12.03
Total Emissions	117.58



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Current Emissions Reporting

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	31.10
Scope 2	2.80
Scope 3 (Included Sources)	104.19 Upstream T&D - 76.69, Waste - 0.01, Business travel - 4.43, Commuting - 3.12, Downstream T&D - 19.91
Total Emissions	138.08

Emissions reduction targets

Grafton Optical remains committed to achieving Net Zero emissions by 2050.

The 2023 calendar year has been retained as the Company's baseline year for greenhouse gas reporting. Since the baseline year, Grafton Optical has achieved measurable reductions in emissions associated with gas consumption, electricity consumption and waste generation through improved energy management, investment in more efficient infrastructure and continued waste reduction initiatives.

Whilst total emissions increased from 117.58 tCO₂e in 2023 to 138.09 tCO₂e in 2025, this increase has been driven primarily by increased business activity, transportation and distribution requirements associated with company growth. During the same period, company turnover increased from £2.64 million to £2.97 million.

To support the Company's long-term Net Zero commitment, Grafton Optical will continue to focus on reducing emissions in areas under its direct operational control, whilst working with suppliers and logistics partners to identify opportunities to reduce emissions throughout the wider supply chain.

Key initiatives planned for 2026 and beyond include the installation of energy-efficient replacement windows throughout the office premises, continued investment in lower-emission company vehicles, including the introduction of petrol-hybrid vehicles, ongoing



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monitoring and reduction of energy consumption, and further improvements to waste management and recycling practices.

Progress against carbon reduction objectives will be reviewed annually through the Company's Carbon Reduction Plan and greenhouse gas reporting process to ensure continued progress towards achieving Net Zero emissions by 2050.

Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2023 baseline year.

Energy Efficiency

During 2025, Grafton Optical continued to focus on reducing energy consumption within its offices and warehouse facilities. Through improved energy management, employee engagement initiatives and ongoing monitoring of energy usage, the company achieved measurable reductions in both gas and electricity related emissions compared with the 2023 baseline year.

Scope 1 emissions associated with gas consumption reduced from 10.29 tCO₂e in 2023 to 8.78 tCO₂e in 2025, representing a reduction of 14.7%. Scope 2 emissions associated with electricity consumption reduced from 3.69 tCO₂e to 2.80 tCO₂e, representing a reduction of 24.1%.

During 2025, Grafton Optical invested in a new energy-efficient boiler system to improve heating efficiency and reduce gas consumption. Additional measures implemented across the business include improved management of heating controls, increased awareness of energy-saving practices amongst employees, responsible use of office equipment and continued monitoring of energy consumption.

To further improve the energy efficiency of the premises, a programme to replace all office windows with modern energy-efficient glazing has been approved and will be completed during 2026.

Waste Reduction

Grafton Optical has continued to improve waste management practices and promote recycling throughout the organisation. Through increased recycling, re-use of packaging materials and a continued focus on reducing unnecessary waste, total waste generated in operations reduced from approximately 3.48 tonnes in 2023 to 3.09 tonnes in 2025, representing a reduction of approximately 11%.



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The company continues to re-use packaging materials wherever practical and seeks opportunities to minimise waste throughout its operations and supply chain.

Reported waste-related emissions also reduced between the baseline year and 2025. However, it should be noted that changes to Government greenhouse gas conversion factors between reporting years have influenced the calculated emissions associated with waste disposal activities. Consequently, reductions in reported waste emissions are attributable to both reduced waste generation and changes in the applicable emissions conversion factors.

Transportation and Fleet Management

Whilst total greenhouse gas emissions increased between 2023 and 2025, analysis of the underlying emissions profile indicates that the increase was primarily driven by growth in business activity rather than increases in operational energy consumption.

Company turnover increased from £2.64 million in 2023 to £2.97 million in 2025. During the same period, emissions associated with company-owned vehicles increased from 16.31 tCO₂e to 22.32 tCO₂e, business travel emissions increased from 3.78 tCO₂e to 4.44 tCO₂e, and transportation and distribution emissions increased as additional products were transported throughout the supply chain and customer-facing activities increased.

Transportation and distribution activities remain the largest contributor to Grafton Optical's carbon footprint. The company continues to work with suppliers, freight providers and logistics partners to identify opportunities to reduce emissions associated with product transportation, improve shipment consolidation and minimise unnecessary transport movements.

To support future reductions in transport-related emissions, Grafton Optical introduced two petrol-hybrid company vehicles during 2026 as part of its ongoing fleet replacement programme. The company will continue to evaluate lower-emission vehicle technologies and alternative transport solutions as existing vehicles reach replacement age.

Supply Chain Sustainability

Grafton Optical continues to engage with suppliers and service providers to promote environmentally responsible procurement practices and reduce emissions throughout the supply chain.

Where practical, the company seeks to minimise packaging, encourage shipment consolidation, re-use packaging materials and prioritise suppliers that demonstrate a commitment to environmental sustainability.

Monitoring and Reporting

Grafton Optical will continue to assess and report greenhouse gas emissions annually in accordance with PPN 06/21 requirements. Progress against carbon reduction targets will be



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monitored through annual emissions reporting, enabling the business to identify opportunities for further reductions across both operational activities and the wider supply chain.

Although total greenhouse gas emissions increased from 117.58 tCO₂e in the 2023 baseline year to 138.09 tCO₂e in 2025, operational emissions under the direct control of the business have reduced in several key areas. The company remains committed to achieving Net Zero emissions by 2050 through continual improvement in energy efficiency, waste management, fleet management and supply chain sustainability.

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:

Signed by Kate Nolan on 24 March 2026

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>