



Carbon Reduction Plan Purple Surgical

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Produced by Inspired Ltd

Version 1.0

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Overview

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Commitment to Achieving Net-Zero

Purple Surgical commits to achieving net-zero Scope 1, 2, and 3 emissions by 2045 from a 2019 base year.

Our Carbon Reduction Plan is presented in response to the Procurement Policy Note (PPN) 006 Carbon Reduction Plan guidance and provides transparency and demonstrates our progress towards building a robust carbon reduction programme.

To achieve net-zero, we are aiming for an at least 90% reduction in absolute emissions compared to our base year – any residual emissions will be neutralised through carbon sequestration, as per the Science-Based Targets Initiative's (SBTi) Net-Zero Standard guidance.

Our Scope 2 emission target will be reported using a market-based methodology.

As outlined and supported in the Carbon Reduction Plan guidance, this report only contains emissions from Purple Surgical's UK emissions, which make up 82.4% of total emissions* (market-based) as of 2025.

**Only includes the required PPN 006 categories.*

Emissions

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Baseline Year:

Scope 1, 2, and 3 – 2019 (1st January 2019 – 31st December 2019)

Additional Details relating to the Baseline Emissions calculations:

The GHG emissions scope boundary used to establish our 2019 baseline was determined through an operational control approach, in accordance with the Greenhouse Gas Protocol. The baseline includes all Scope 1 and 2 emissions in accordance with SECR requirements. Scope 3 emissions have been calculated in accordance with the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Standard Guidance. The emissions data is reported using a market-based approach.

The baseline may be restated in future if acquisitions, divestments, or changes in methodologies are found to change emissions by more than 5%.

Baseline Emissions Footprint

Emissions		Source	tCO ₂ e
Scope 1	Direct		26
Scope 2 (Location-based)	Indirect		136
Scope 2 (Market-based)	Indirect		65
Scope 3	1. Purchased Goods and Services		Not Calculated
	2. Capital Goods		Not Calculated
	3. Fuel- and Energy-related Activities		Not Included
	4. Upstream Transportation and Distribution		265
	5. Waste Generated in Operations		1
	6. Business Travel		145
	7. Employee Commuting		269
	8. Upstream Leased Assets	N/A (no upstream leased assets)	
	9. Downstream Transportation and Distribution		340
	10. Processing of Sold Products	N/A (only finished goods sold)	
	11. Use of Sold Products		Not Calculated
	12. End-of-life Treatment of Sold Products		Not Calculated
	13. Downstream Leased Assets	N/A (no downstream leased assets)	
	14. Franchises		N/A (no franchises)
	15. Investments		N/A (no investments)
Total Emissions (Market-based)			1,112

N.B The reported Scope 1, 2, and 3 emissions have been rounded to zero decimal places. Any totalling of emissions has been conducted using complete, unrounded figures.

Reporting Year:

Scope 1, 2, and 3 – 2025 (1st January 2025 – 31st December 2025)

Additional Details relating to the Baseline Emissions calculations:

The GHG emissions scope boundary used to establish our 2025 emissions was determined through an operational control approach, in accordance with the Greenhouse Gas Protocol. The baseline includes all Scope 1 and 2 emissions in accordance with SECR requirements. Scope 3 emissions have been calculated in accordance with the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Standard Guidance. The emissions data is reported using a market-based approach.

Current Emissions Reporting

Emissions		Source	tCO ₂ e
Scope 1	Direct		5
Scope 2 (Location-based)	Indirect		121
Scope 2 (Market-based)	Indirect		150
Scope 3	1. Purchased Goods and Services		Not Calculated
	2. Capital Goods		Not Calculated
	3. Fuel- and Energy-related Activities		Not Included
	4. Upstream Transportation and Distribution		342
	5. Waste Generated in Operations		1
	6. Business Travel		108
	7. Employee Commuting		200
	8. Upstream Leased Assets	N/A (no upstream leased assets)	
	9. Downstream Transportation and Distribution		265
	10. Processing of Sold Products	N/A (only finished goods sold)	
	11. Use of Sold Products		Not Calculated
	12. End-of-life Treatment of Sold Products		Not Calculated
	13. Downstream Leased Assets	N/A (no downstream leased assets)	
	14. Franchises		N/A (no franchises)
	15. Investments		N/A (no investments)
Total Emissions (Market-based)			1,071

N.B The reported Scope 1, 2 , and 3 emissions have been rounded to zero decimal places. Any totalling of emissions has been conducted using complete, unrounded figures.

Targets

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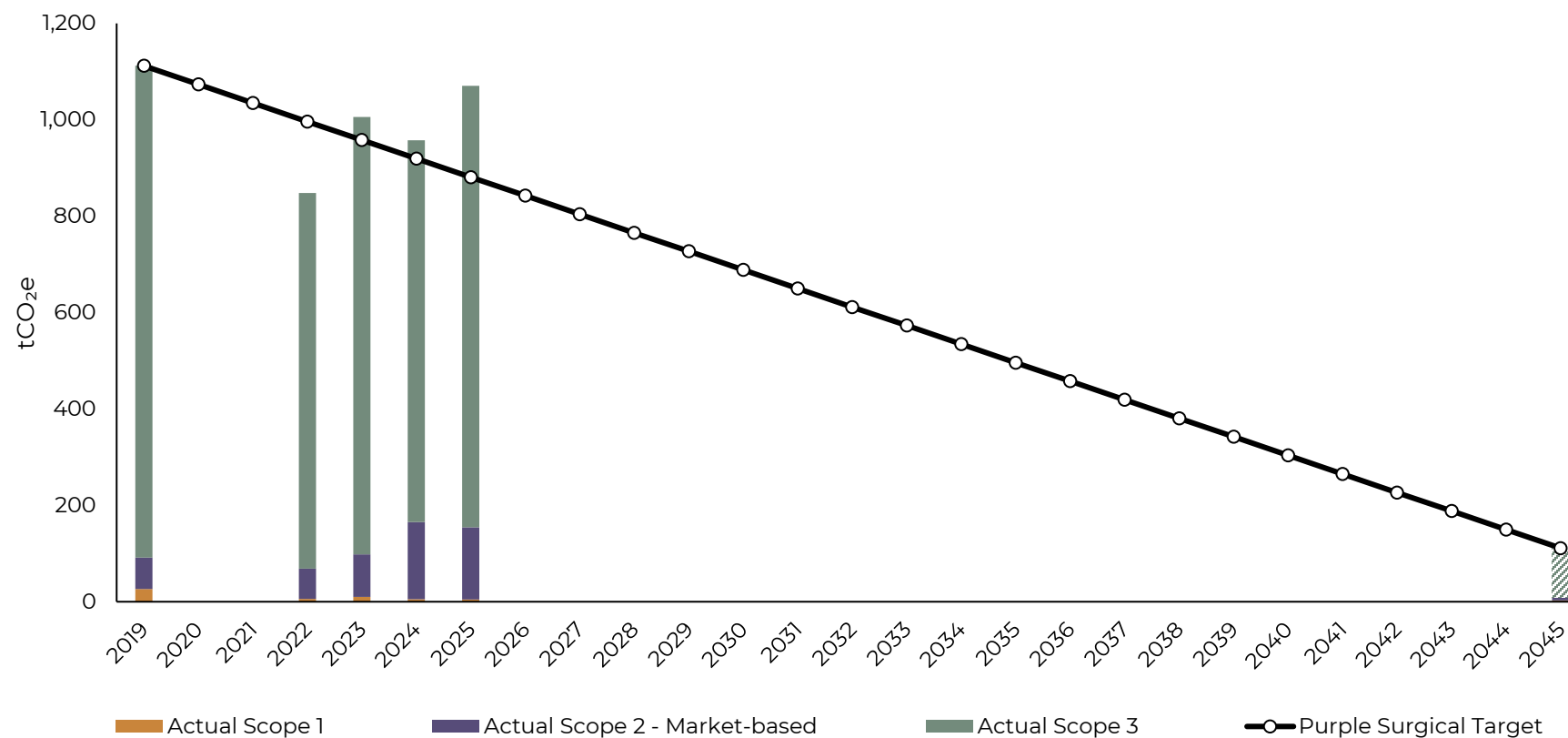
Emission Reduction Targets (Scope 1, 2, and 3)

To continue our progress toward achieving net zero, we have adopted the following carbon reduction targets:

Net-zero Scope 1, 2, and 3 emissions by 2045 from a 2019 base year

In 2025, Purple Surgical decreased its emissions by 3.7% compared to the baseline year, falling short of the target reduction of 20.8%. To reach the 2045 net-zero target, an annual emissions reduction of 4.5% is now required. We project that carbon emissions will decrease over the next five years to 689 tCO₂e by 2030. This is a reduction of 38.1% compared to our 2019 baseline and 35.7% compared to 2025.

Figure 1: Net-Zero Scope 1, 2, and 3 Target



N.B. 2020 and 2021 were not calculated

Carbon Reduction Projects

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Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline:

- Purple Surgical recycle approximately 100% of all incoming cardboard, paper, and plastic packaging.
- Product literature is now all available electronically, resulting in no associated printing.
- In 2023, Purple Surgical sponsored the Ocean Cleanup charity to remove plastic in the ocean equivalent to the size of 300 football pitches.
- Progressively eliminated plastic-on-plastic pouches in favour of paper-on-plastic.
- Work continues with Customer Procedure Tray partners to significantly reduce individual product packaging waste, and Purple Surgical actively promotes CPTs and kits to their global customer base to improve efficiencies and reduce waste.
- Five years ago, Purple Surgical began eliminating bleached white boxes in favor of unbleached brown cartons.
- At Shenley, an electric car charging point has been installed, with the viability of installing another at the manufacturing facility to be assessed.
- An assessment is underway to review the feasibility of replacing the 20,000 printed DFUs produced each month with electronic QR codes.
- Timers have been installed, as opposed to switches, to reduce electricity consumption.
- International air travel has been reduced, while video conferencing and meetings have increased.
- Air freight has reduced, and more sea freight is being utilised for shipments to and from the UK.
- Replacement program conducted for High Bay Lighting in the warehouse with motion sensor LED Fittings.
- Installation of ductwork to recover heat from the ILLIC (machine used to make LHCs) room.
- Installation of ductwork to recover heat from the Air Compressor Room.

Future Carbon Reduction Initiatives

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

- Build sustainability into procurement processes and include Environment and Net-Zero questions as part of the supplier selection process.
- Require 100% of tier 1 suppliers to have ISO 14001.
- Require 100% of tier 1 suppliers to have a commitment to net-zero.
- Require suppliers to evidence good environmental practices.
- Expand our emissions inventory to cover all applicable categories, which include the addition of Scope 3 Category 1 - Purchased Goods and Services, Category 2 – Capital Goods, Category 11 – Use of Sold Products, and Category 12 - End-of-life Treatment of Sold Products.
- Fossil fuel reduction in transportation. The target is 80% of transport powered by low-carbon energy sources.
- Decrease airfreight usage by assessment and monitoring.
- Utilise lower-emitting shipping where possible. For example, ocean freight or lower-carbon land freight.
- Engineering to reduce material use/plastic use and wastage.
- Improved on-site recycling/reuse of waste materials.
- Plastic material replacement by more recyclable alternatives.
- Linking users to opportunities for product recycling.
- Reduce mass/volume of packaging by the end of 2026.
- Information for customers on the recycling requirements of packaging by the end of 2026.
- Introduction of QR codes instead of paper documents.
- Paperless dispatch – removal of dispatch notes, etc.

Appendix

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Declaration and sign off

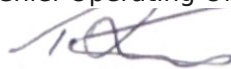
This Carbon Reduction Plan has been completed in accordance with PPN 006 and the associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard (<https://ghgprotocol.org/corporate-standard>), and the appropriate government emission conversion factors for greenhouse gas company reporting. (<http://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>)

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), and the required subset of Scope 3 emissions has been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard. (<https://ghgprotocol.org/standards/scope-3-standard>)

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:

Name:	Tim Carter
Role:	Chief Operating Officer
Signature:	
Date:	26 August 2026

Reporting Methodology

Scope 1 and 2 greenhouse gas emissions have been calculated in accordance with the 2019 UK Government environmental reporting guidance. Consistent with the guidance, relevant emissions factors published in the UK Government's Department for Energy Security and Net Zero (DESNZ) "Greenhouse gas reporting: conversion factors" database, for the specific reporting year, have been used. The CO₂ equivalent conversion factor has been used throughout, and, where applicable, the kWh gross calorific value (CV) was used.

Scope 1 and 2 emissions have been calculated using both a location-based and market-based approach:

- **Location-Based:** This method calculates emissions associated with fuel and electricity consumption by using UK average emissions intensities. DESNZ provides UK fuel and grid electricity emissions factors annually for location-based reporting.
- **Market-Based:** This method calculates emissions associated with fuel and electricity consumption by using contract-specific emissions intensities. Market-based reporting enables companies that purchase lower-carbon fuels and electricity to demonstrate the benefits of their investments.

Transport-related emissions from fuel combustion were calculated using the DESNZ "Greenhouse gas reporting: conversion factors" database.

Scope 3 emissions have been calculated in accordance with the Greenhouse Gas Protocol "Corporate Value Chain (Scope 3) Standard".

For all operations, applicable Scope 3 categories were identified based on an operational control boundary. Scope 3 emissions for applicable categories were calculated following methodologies outlined in the GHG Protocol "Technical Guidance for Calculating Scope 3 Emissions", with further guidance taken from the GHG Protocol's detailed methodology chapters for each applicable Scope 3 category.

Most conversion factors were sourced from the DESNZ Greenhouse gas reporting: conversion factors, v1.0 2025 database. Where a spend-based approach was used, as per the GHG Protocol guidance, conversion factors were taken from the Department for Environment, Food and Rural Affairs' UK Footprint Results (1990 – 2018)' study or the Department for Environment, Food and Rural Affairs' Indirect emissions for the supply chain' database. Scope 3 emissions include Well-to-Tank (WTT) and Transmission and Distribution (T&D) losses.

Quality Review

Prepared for:

Purple Surgical

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1

Author:

Walter Tucker

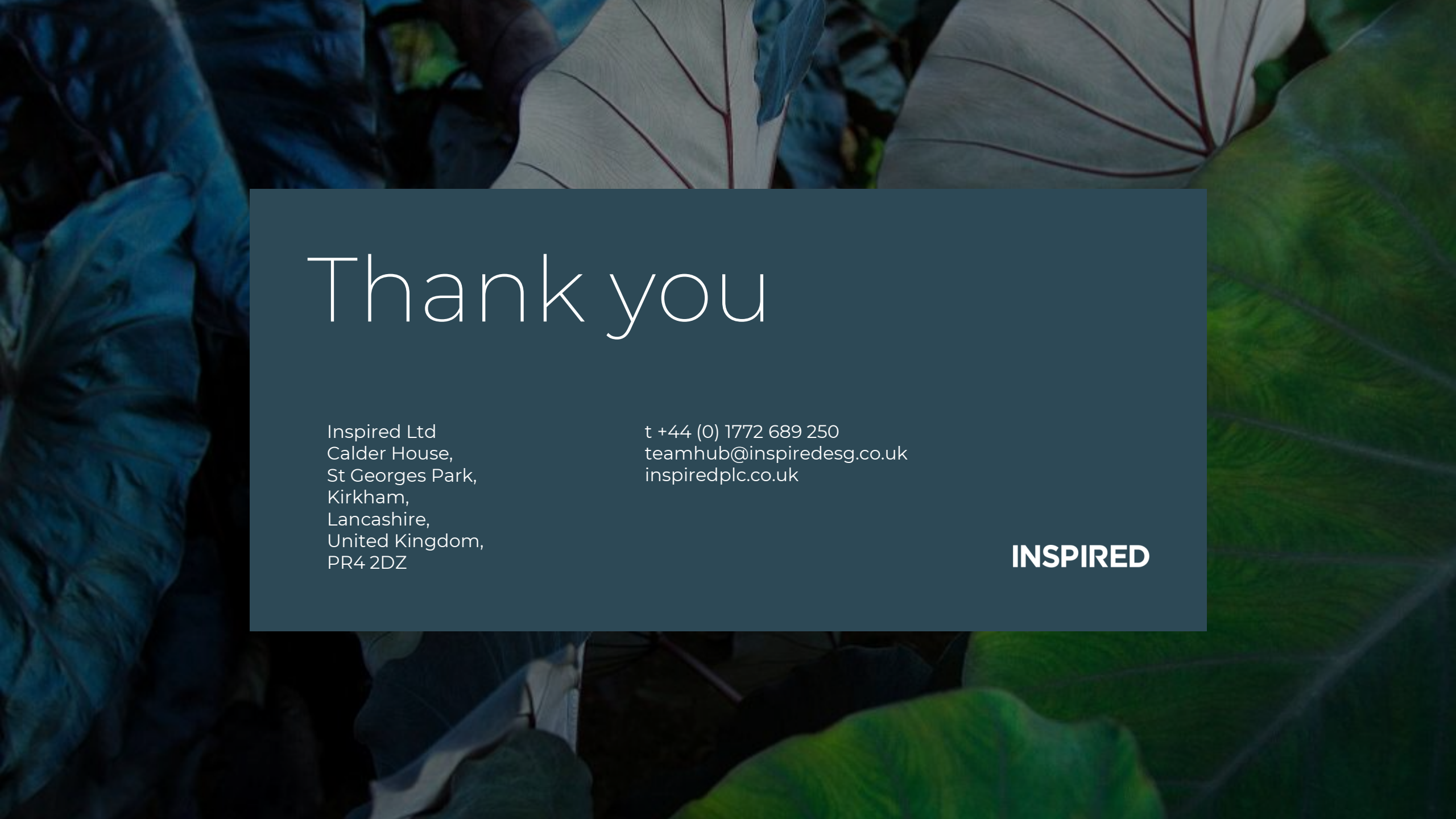
Reviewer:

Phillip Parrott

Document Control

Issue Number	Date	Author	Description of Changes
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1	05/08/2026	Walter Tucker	Initial Issue



Thank you

Inspired Ltd
Calder House,
St Georges Park,
Kirkham,
Lancashire,
United Kingdom,
PR4 2DZ

t +44 (0) 1772 689 250
teamhub@inspiredesg.co.uk
inspiredplc.co.uk

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