

# **Carbon Reduction Plan**

Inspired PLC  
2023



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## Overview

*Inspired PLC aims to achieve net-zero Scope 1 and 2 by 2030 from a 2019 base year and net-zero Scope 3 emissions by 2050 from a 2021 base year.*

### Document Purpose

Our reduction plan is presented in response to the recent Procurement Policy Note (PPN) 06/21 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 offset with carbon sequestration offsets, as per the Science-Based Targets Initiative's Net-Zero Standard guidance.

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

Inspired is currently in the process of having our Science-aligned near-term and net-zero targets validated by the Science-Based Target Initiative in 2024.

### Short-term Targets

On the journey to net-zero, Inspired commits to the following near-term targets:

Inspired commits to engage 80% of suppliers by spend to set science-aligned targets by 2028.

Inspired also commits to reducing Use of Sold Product emissions per £ million revenue 51.6% by 2030 from a 2021 base-year.

Baseline Emissions

Scope 1 and 2 – 2019 (1 <sup>st</sup> January 2019 – 31 <sup>st</sup> December 2019)		
Scope 3 – 2021 (1 <sup>st</sup> January 2021 – 31 <sup>st</sup> December 2021)		
Additional Details relating to the Baseline Emissions calculations.		
Our Scope 1 and 2 and Scope 3 baselines differ as we only started reporting our Scope 3 emissions for 2020, whereas our Scope 1 and 2 emissions have been reported since 2019. Our Scope 1 and 2 baseline was therefore established prior to calculating our Scope 3 emissions. Due to the impacts of the Covid-19 pandemic in 2020, 2021 was decided to be a more representative year of normal business operations and so is being used as a baseline for our Scope 3 emission reductions.		
The GHG emissions scope boundary, used to establish our 2019 and 2021 baselines, was determined via an operational control model following the GHG protocol. The baseline includes all Scope 1 and 2 emissions in accordance with SECR requirements. Scope 3 emissions have been calculated as per the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Standard Guidance. The below data is reported using a market-based approach.		
EMISSIONS	Source	tCO <sub>2</sub> e
Scope 1	Direct	73.6
Scope 2	Indirect	327.5
Scope 3	Total Value Chain	16,111
	1. Purchased Goods and Services	5,860
	2. Capital goods	192
	3. Fuel-related emissions	63
	4. Upstream Transportation and Distribution	56
	5. Waste generated in operations	1
	6. Business travel	146
	7. Employee commuting	226
	8. Upstream leased assets	N/A (leased office space included in Scope 1 & 2)
	9. Downstream Transportation and Distribution	N/A (no downstream transport)
	10. Processing of sold products	N/A (only finished goods sold)
	11. Use of sold products	9,567
	12. End-of-life treatment of sold products	1
	13. Downstream leased assets	N/A (no downstream leased assets)
	14. Franchises	N/A (no franchises)
	15. Investments	0.1
Total Emissions (market-based)		16,512

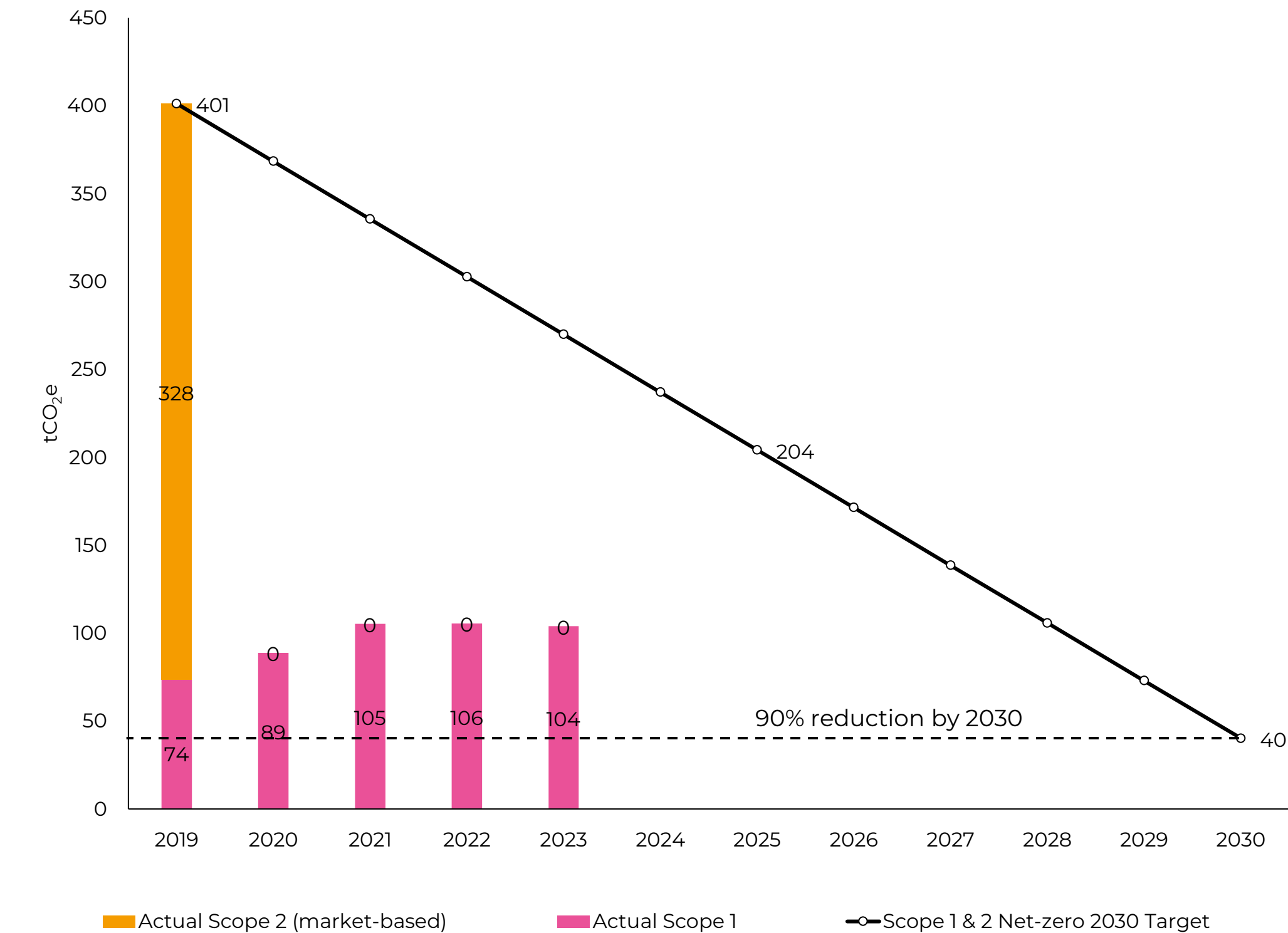


FY2023 Emissions

Scope 1, 2 and 3 – 2023 (1 <sup>st</sup> January 2023 – 31 <sup>st</sup> December 2023)		
Additional Details relating to the most recent year emissions calculations.		
The GHG emissions scope boundary, used to calculate our 2023 emissions, was determined via an operational control model following the GHG protocol. The baseline includes all Scope 1 and 2 emissions in accordance with SECR requirements. Scope 3 emissions have been calculated as per the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Standard Guidance. The below data is reported using a market-based approach.		
EMISSIONS	Source	tCO <sub>2</sub> e
Scope 1	Direct	50
Scope 2	Indirect	0
Scope 3	Total Value Chain	18,071
	1: Purchased Goods and Services	4,844
	2. Capital goods	453
	3. Fuel-related emissions	45
	4. Upstream Transportation and Distribution	23
	5. Waste generated in operations	0.3
	6. Business travel	392
	7. Employee commuting	201
	8. Upstream leased assets	N/A (leased office space included in Scope 1 & 2)
	9. Downstream Transportation and Distribution	N/A (no downstream transport)
	10. Processing of sold products	N/A (only finished goods sold)
	11. Use of sold products	12,105
	12. End-of-life treatment of sold products	6
	13. Downstream leased assets	N/A (no downstream leased assets)
	14. Franchises	N/A (no franchises)
	15. Investments	3
Total Emissions (market-based)		18,122

# Emission Reduction Targets (Scope 1 & 2)

Figure 1: Net-zero Scope 1 and 2 Target



Net-zero Scope 1 & 2  
by 2030 from a 2019  
base year

## Emission Reduction Targets (Scope 3)

Figure 2: Near-Term Use of Sold Products Economic Intensity Target

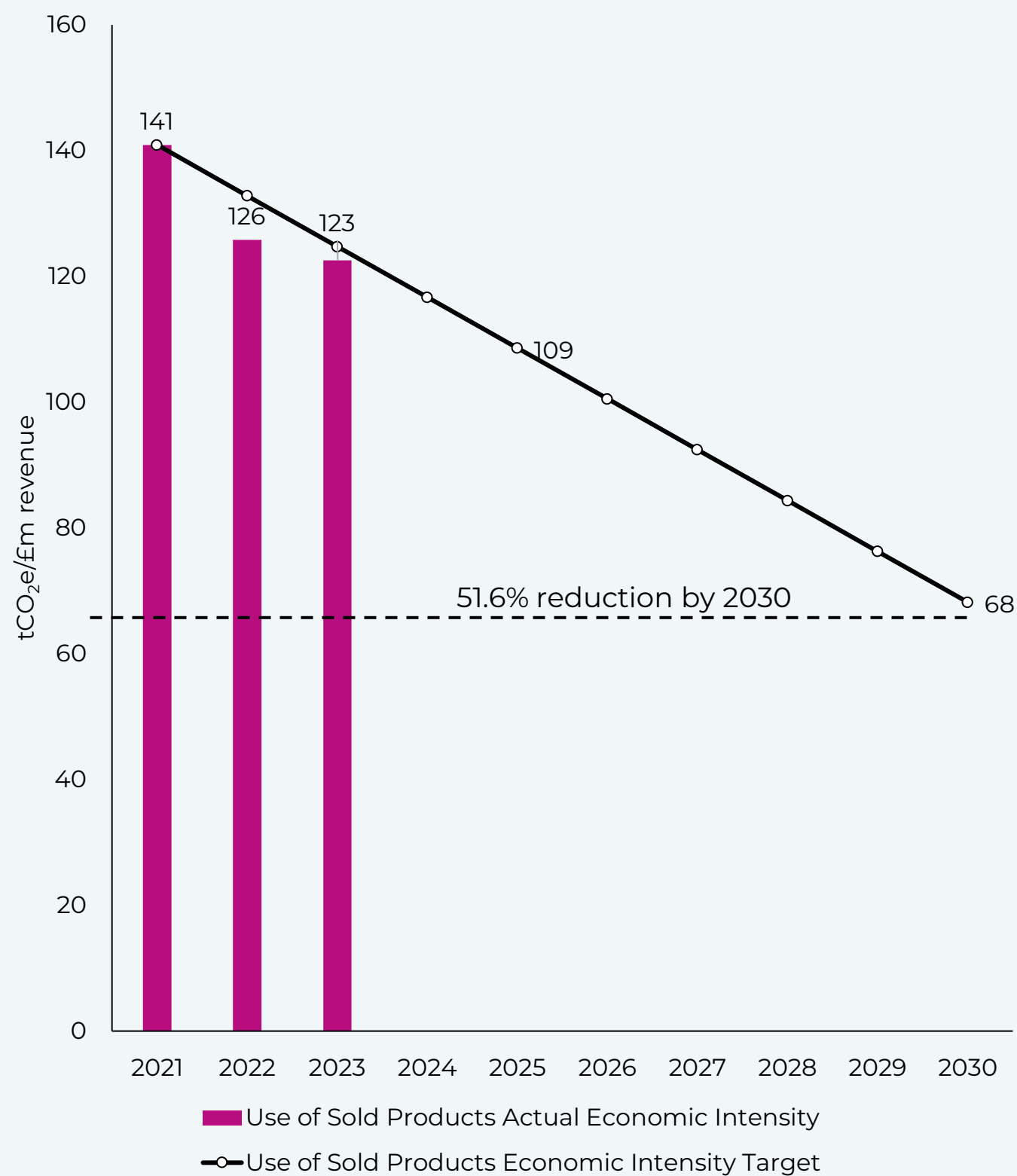
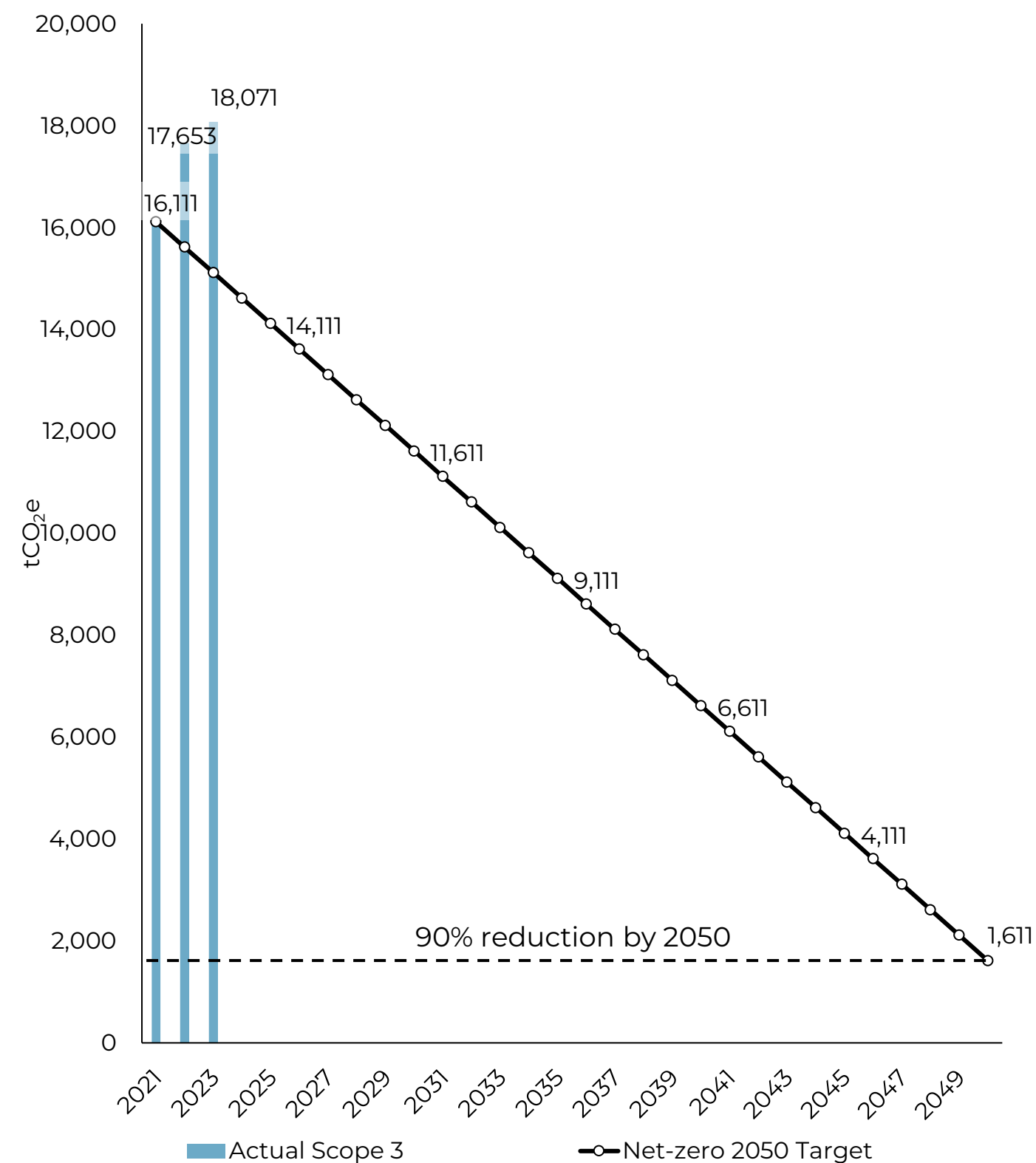


Figure 3: Net-zero Scope 3 Target



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

- **Half-Hourly monitoring** was implemented at the Kirkham office which provides a detailed understanding of the office's energy use. The insights gained from the half-hourly monitoring will enable the business to roll out best behavioural practice across all offices.
- **Time controls** have been implemented on the heating and cooling plant within the Kirkham office to further improve operational efficiency. The time controls utilise heat recovery systems and shut down the system on days of non-occupancy.
- **Employee commuting survey** was sent to all employees to improve the accuracy of our Scope 3 Category 7 (employee commuting) emissions data.
- **Electric vehicle scheme** has been introduced for Inspired employees to give more employees access to electric cars and to lower our Scope 3 (Category 6 and 7 emissions).
- **Climate Awareness** In July 2023, a climate risk and net-zero workshop was held with the Board. The session gave valuable insight into decarbonising operations and wider Scope 3 categories. In October, a TCFD session was held with the Board to provide them with all necessary and relevant information for them to sign off on Inspired's carbon reduction targets and strategy.

### Identified opportunities for implementation

- **Heat Decarbonisation** In FY2024, Inspired will investigate methods to replace gas heating with new energy-efficient electrical heating at its new headquarters. The results of this investigation may help Inspired move away from natural gas as an energy source and, therefore, lower the Group's carbon emissions.
- **Refrigerant Adoption** Inspired will implement a new refrigerant gas in its heat pumps with a lower global warming potential (GWP).
- **Water Efficiency** Further work will be carried out to improve water efficiency by using low water-consuming urinals at the new head office. Hand dryers in these bathrooms will also be made more efficient to aid with energy reduction goals.
- **F-gas data collection** improvement to increase the accuracy of Scope 1 data.





## I: Declaration & 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<sup>5</sup> and uses the appropriate [Government emission conversion factors for greenhouse gas company reporting](#)<sup>6</sup>.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and 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<sup>7</sup>.

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: Mark Dickinson

Role: Chief Executive Officer

Signature:

Date: 01 June 2024

## II: Reporting Methodology

Scope 1 and 2 greenhouse gas emissions have been calculated according to the 2019 UK Government environmental reporting guidance. Consistent with the guidance, relevant emissions factors published in the UK Government's Department for Business, Energy and Industrial Strategy (BEIS) "Greenhouse gas reporting: conversion factors" database-specific reporting year have been used. The CO<sub>2</sub> 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. BEIS provides UK emissions factors for fuel and grid electricity annually, which are used in 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 fuel and electricity to demonstrate the benefit of their investment.

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

Scope 3 emissions have been calculated based on the guidance in 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 BEIS Greenhouse gas reporting: conversion factors, v1.0 2023 database. Where a spend-based approach was used, as per the GHG Protocol guidance, conversion factors were taken from the University of Leeds and 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 and T&D losses.



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