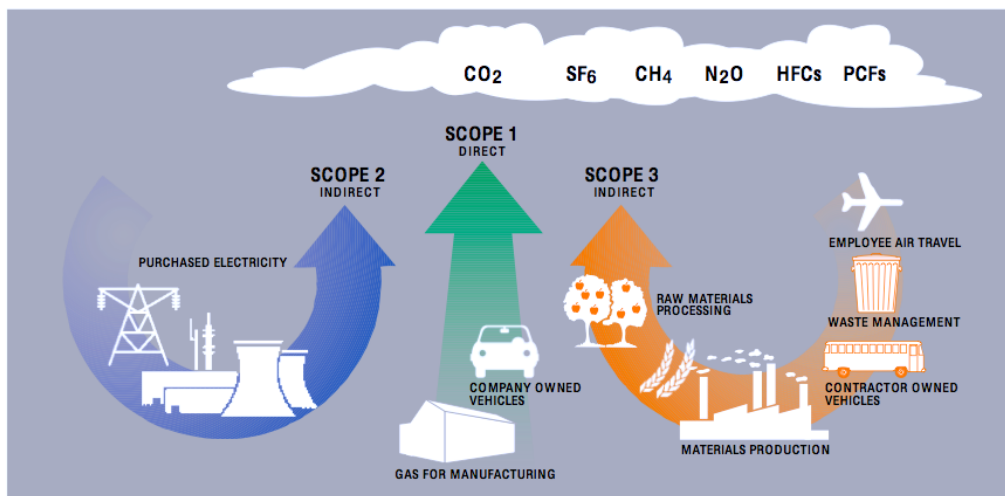


GHG Emissions Report – Organisational Boundary and Methodology

The organisational boundary for this Greenhouse Gas (GHG) inventory has been defined using the **financial control approach**, in accordance with the **GHG Protocol Corporate Standard** and the UK Government methodology outlined by **DESNZ**.

The GHG Protocol is the globally recognised framework for measuring and managing greenhouse gas emissions. It classifies emissions into three categories:

- **Scope 1:** Direct emissions from owned or controlled sources
- **Scope 2:** Indirect emissions from the generation of purchased electricity, steam, heating, and cooling
- **Scope 3:** All other indirect emissions occurring across the value chain



This report reflects **S.I UXO**' commitment to transparency, carbon accountability, and continuous progress toward Net Zero. Using this approach ensures that all emissions associated with activities under S.I UXO' financial control are included. The inventory covers:

- **Scope 1 emissions** (where applicable)
- **Scope 2 emissions**, calculated using the **location-based method**
- **Relevant Scope 3 emissions**, specifically:
 - Category 1: Purchased Goods and Services
 - Category 2: Capital Goods
 - Category 3: Fuel- and Energy-Related Activities (not included in Scope 1 or 2)
 - Category 6: Business Travel
 - Category 7: Employee Commuting

A hybrid approach was utilised with S.I UXO utilising GHG emissions factors per unit and spend based emissions factors, this aligns with GHG Protocol guidance, balancing data quality and completeness.

It enables S.I UXO to identify emissions hotspots and informs ongoing product optimisation and Scope 3 reduction strategies.

Clarification of Terminology

- **Carbon Neutral:** Zero net emissions from direct company-owned operations (Scopes 1 & 2).
- **Net Zero:** Zero emissions across all scopes (1, 2 & 3), including upstream and downstream value chain impacts.
- **CO₂e (Carbon Dioxide Equivalent):** A unified metric used to express the impact of various greenhouse gases in terms of their equivalent global warming potential (GWP) as CO₂.
- **T&D** (Transmission & Distribution).
- **WTT** (Well to Tank).

Carbon Footprint Report for Head Office

01 February 2024 to 31 January 2025

Part 1: Descriptive information

Descriptive information	Company response
Company name	S.I UXO
Description of the company	S.I UXO, established in 2022, specialises in identifying and managing unexploded ordnance (UXO) risks. With a focus on safety, sustainability, and innovation, we deliver end-to-end solutions from risk assessment to mitigation, including marine operations via trusted partners, across the UK and internationally.
Chosen consolidation approach (equity share, operational control or financial control)	Finical control
Description of the businesses and operations included in the company's organizational boundary	Three fulltime Staff who work from home. Two Diesel pickup trucks are owned by the company.
The reporting period covered	1 February 2024 to 31 Jan 2025
A list of Scope 3 activities included in the report	Categories 1, 2, 3, 6 & 7
A list of Scope 1, 2, & 3 activities excluded from the report with justification	Cat 4 & 9 No upstream or down stream T&D Cat 5 No business waste Cat 8 & 13 no leased assets Cat 10, 11 & 12 no products made or sold Cat 14 & 15 no franchises or investments
The year chosen as base year and rationale for choosing the base year	1 February 2024 to 31 Jan 2025
PAS2060 emission sources accounted for: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Electricity <input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Waste <input checked="" type="checkbox"/> Travel <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Manufacturing emissions

Part 2: Greenhouse Gas Emissions Data

S.I UXO emitted 10,302.44 kgCO₂e (10.30 tCO₂e) in 2024/25 financial year across **Scopes 1 & 2**. This results in a Scope 1 & 2 Location-Based intensity indicator of:

- **3,434.15 kgCO₂e** per full-time equivalent (FTE) employee
- **31.22 kgCO₂e** per £1,000 turnover

Scope 3 emitted 10,138.35 kgCO₂e (10.14 tCO₂e LB) in Categories 1, 2, 3, 6 & 7, when combined with Scope 1 & 2, this results in a total footprint of **20.44 tCO₂e (LB)**. **The Scope 1–3** Location Based intensity indicators are:

- **6,813.59 kgCO₂e** per full-time equivalent (FTE) employee
- **61.94 kgCO₂e** per £1,000 turnover

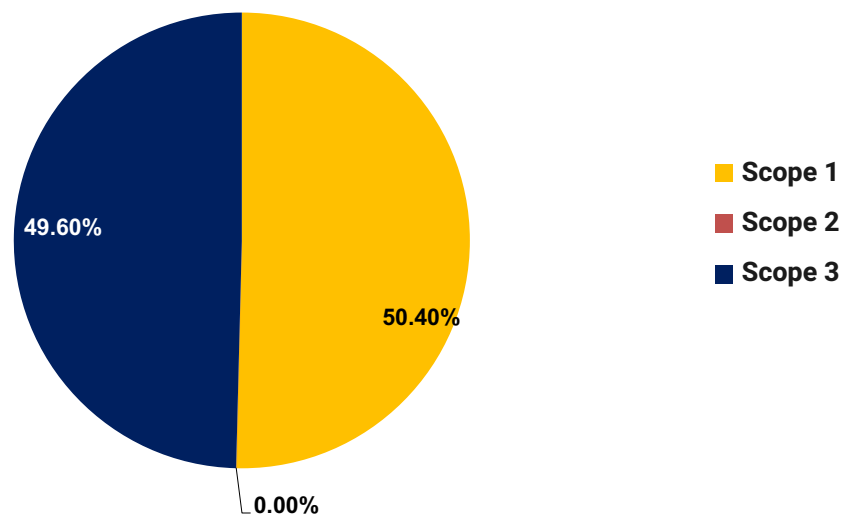
Table 1: UK GHG emissions & energy use data between 1 February 2024 to 31 January 2025

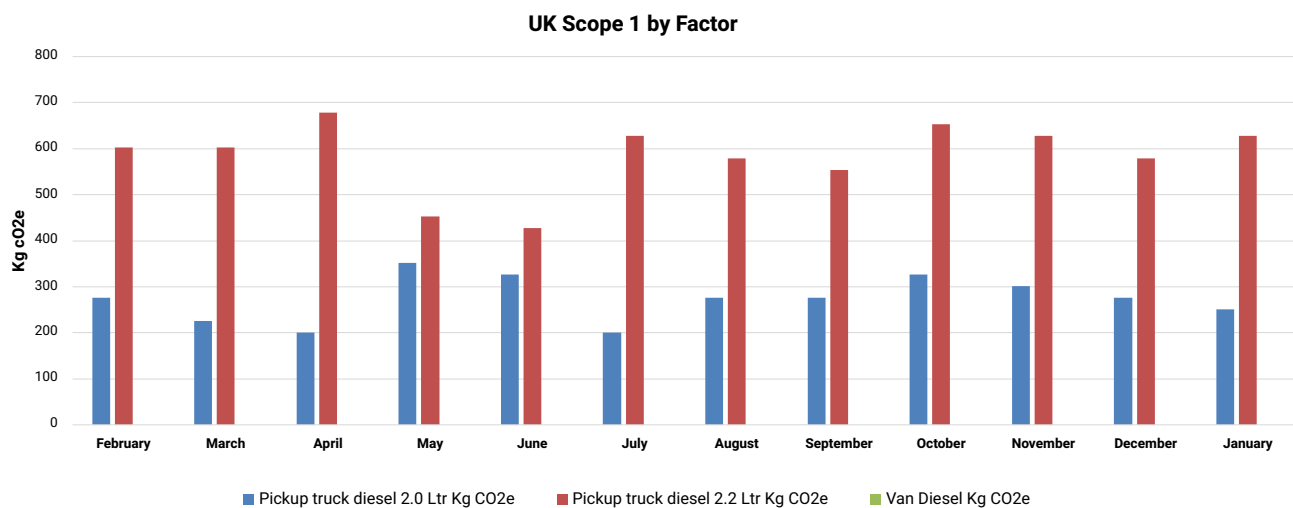
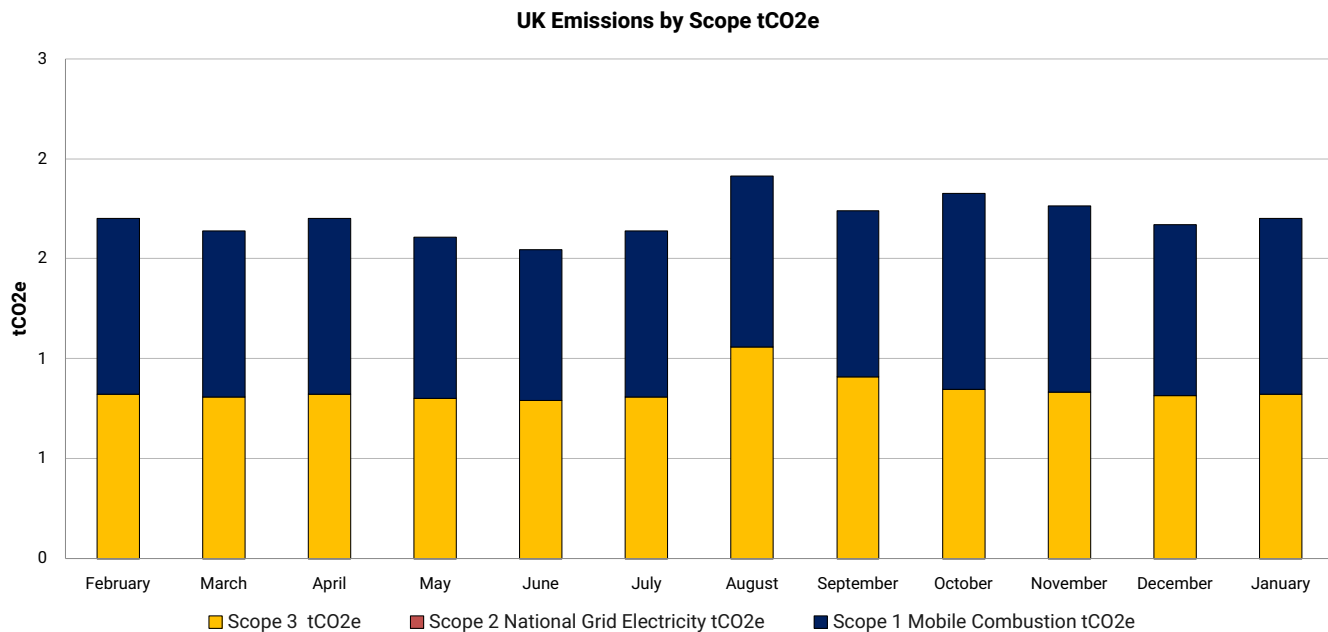
Emissions Source	Unit of Measure	Total	Carbon (kgCO ₂ e)	Carbon (tCO ₂ e)
Scope 1 (Direct)				
Pickup truck diesel 2.0 Litre	Litres	1310.0	3291.75	3.29
Pickup truck diesel 2.2 Litre	Litres	2790.0	7010.68	7.01
Van Diesel	Km	0.0	0.00	0.00
Scope 1 Total			10302.44	10.30
Scope 2 (Energy, Indirect)				
National Grid	kWh	0.0	0.00	0.00
Scope 2 Total		0.0	0.00	0.00
Scope 1 + 2 Total			10302.44	10.30
CO2e per FTE Scope 1 & 2	Employees		3434.15	3.43
CO2e per £ 1,000 Turnover Scope 1 & 2	£		31.22	0.03
Scope 3				
Purchased Goods & Services (Cat 1)				
Purchased Goods & Services Apparel	Units	360.0	265.85	0.27
Purchased Goods & Services IT & Data Services	Units	1800.0	359.38	0.36
Professional Services (Insurance)	Units	12000.0	1058.32	1.06
Marketing & Advertising	Units	3000.0	372.43	0.37
Total Cat 1			2055.98	2.06
Capital Goods (Cat 2)				

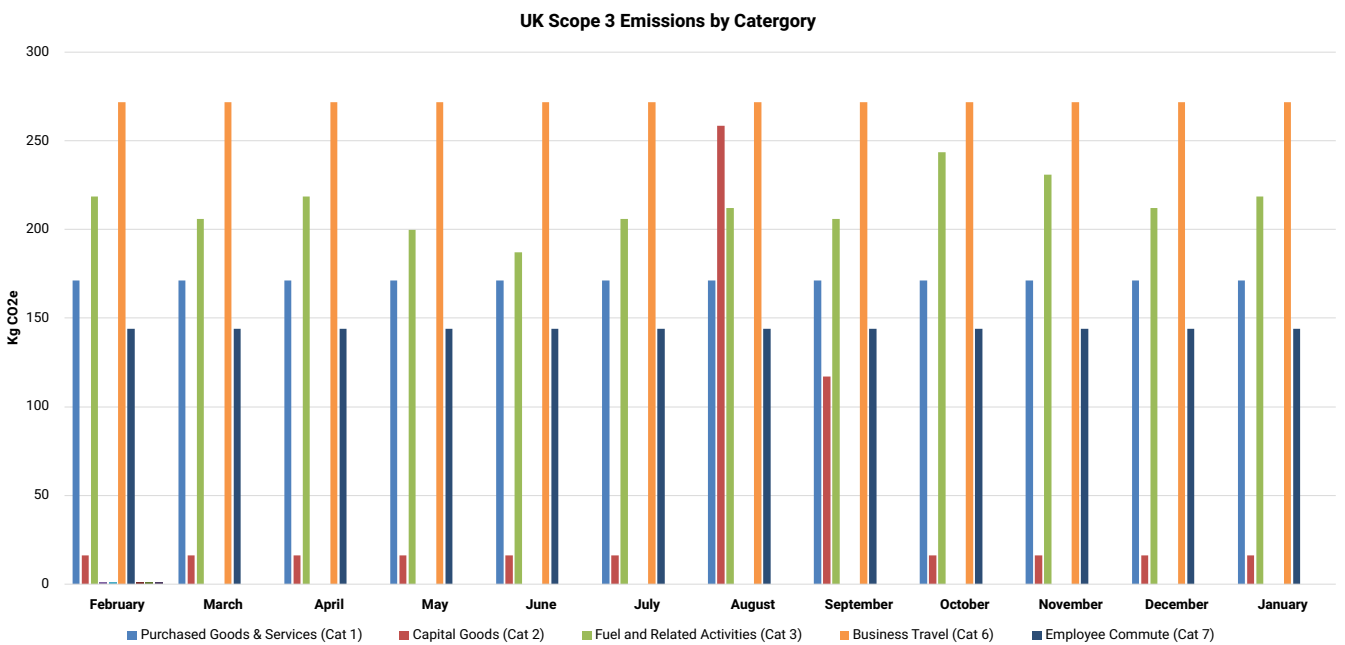
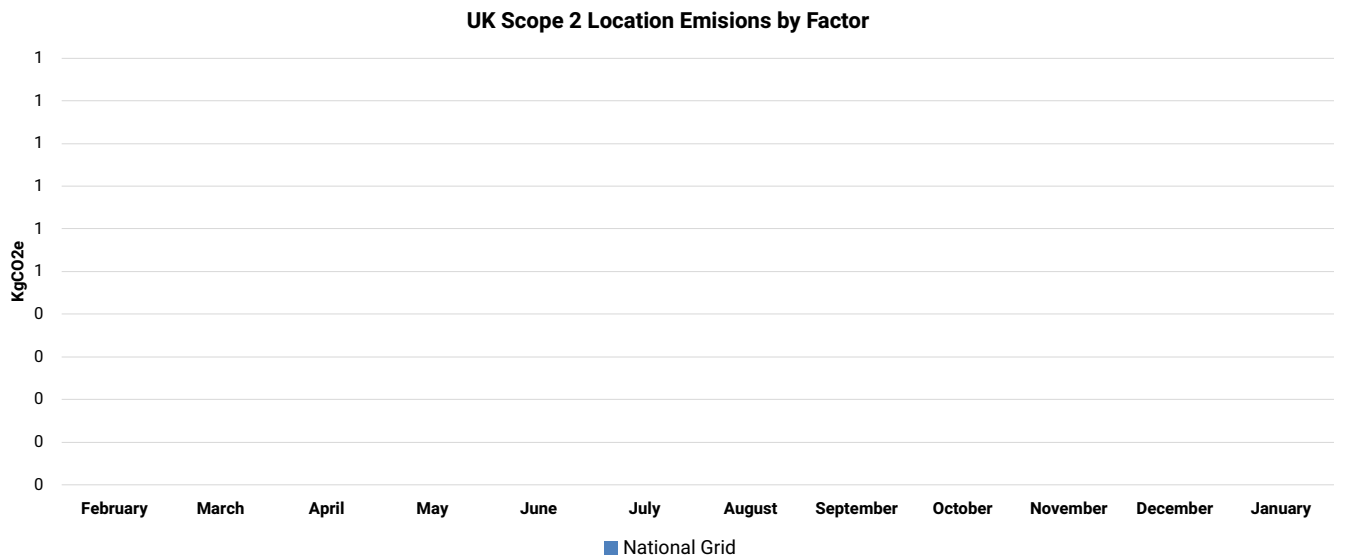
IT Equipment	Units	4.8	193.83	0.19
Desktops, Laptops & Phones	Units	4.8	343.25	0.34
Total Cat 2			537.08	0.54
Fuel and Related Activities (Cat 3)				
WTT Business Travel (Avg Diesel Pickup Truck)	Litres	4100.0	2558.77	2.56
Total Cat 3			2558.77	2.56
Business Travel (Cat 6)				
Hotel Stay (Out of London)	Nights	240.0	2760.00	2.76
Hotel Stay (In London)	Nights	48.0	499.20	0.50
Total Cat 6			3259.20	3.26
Employee Commute (Cat 7)				
Working from Home	Hours	5175.0	1727.31	1.73
Total Cat 7			1727.31	1.73
Scope 3 Total			10138.35	10.14
Total Scope 1, 2 & 3			20440.78	20.44
CO2e per FTE Scope 1, 2 & 3	Employees		6813.59	6.81
CO2e per £ 1000 Turnover Scope 1,2 & 3	£		61.94	0.06

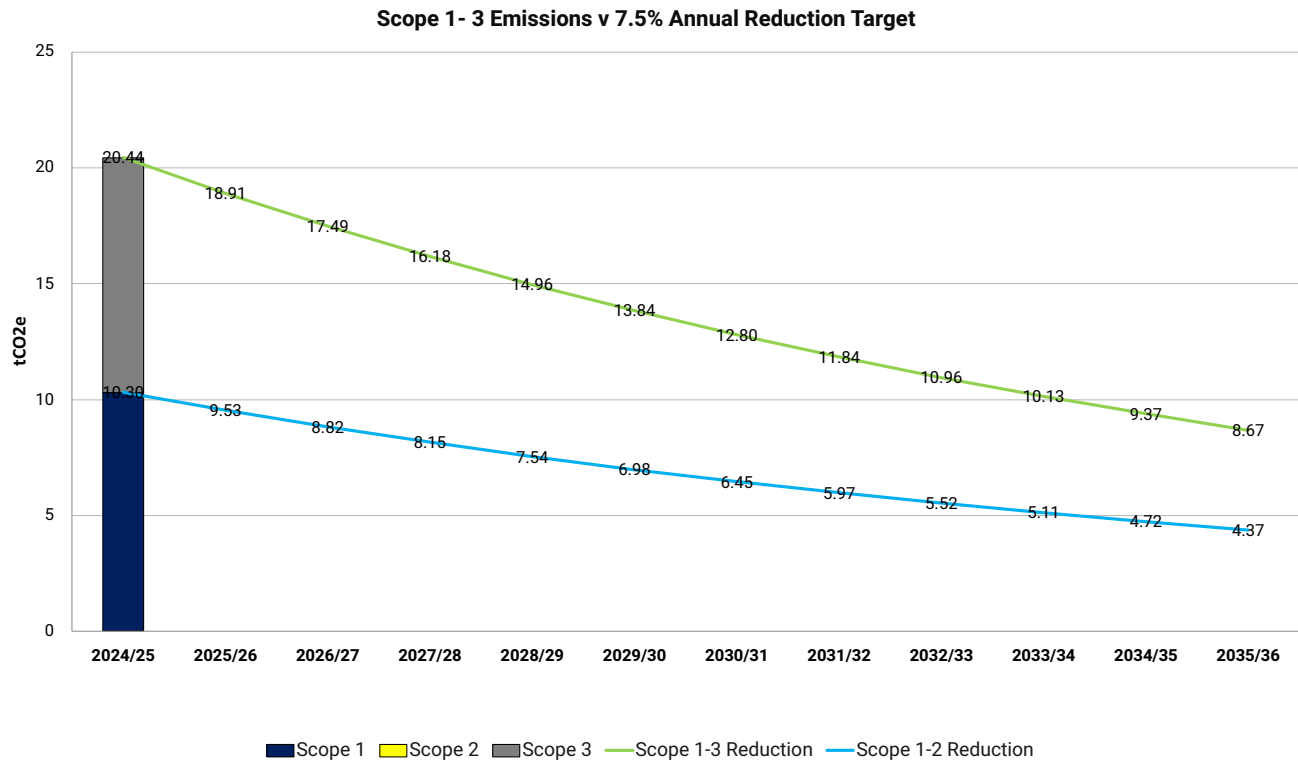
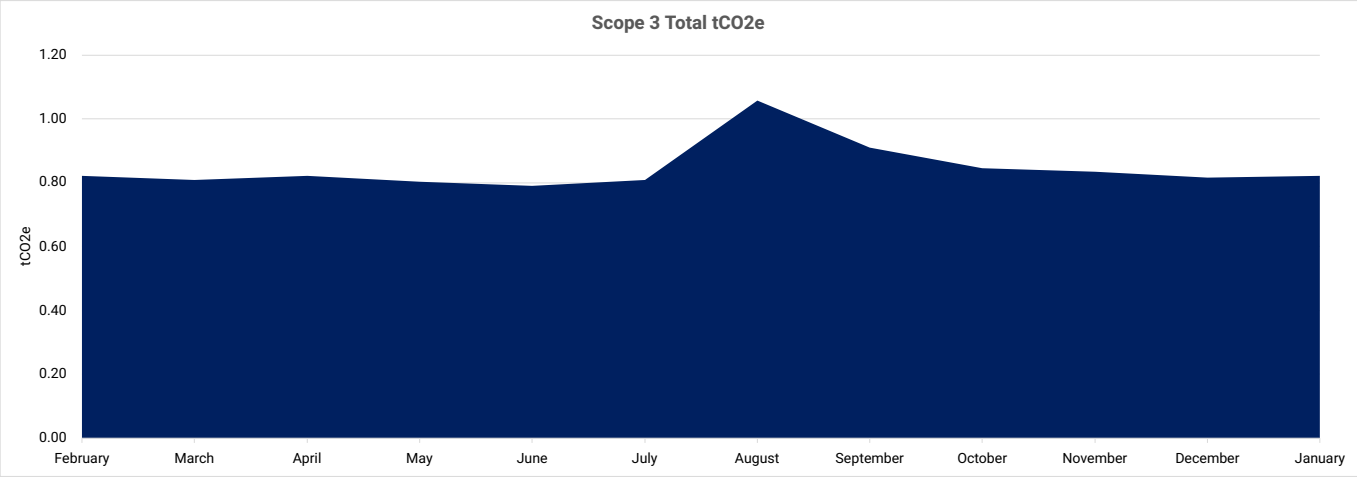
* 1 Unit = £100

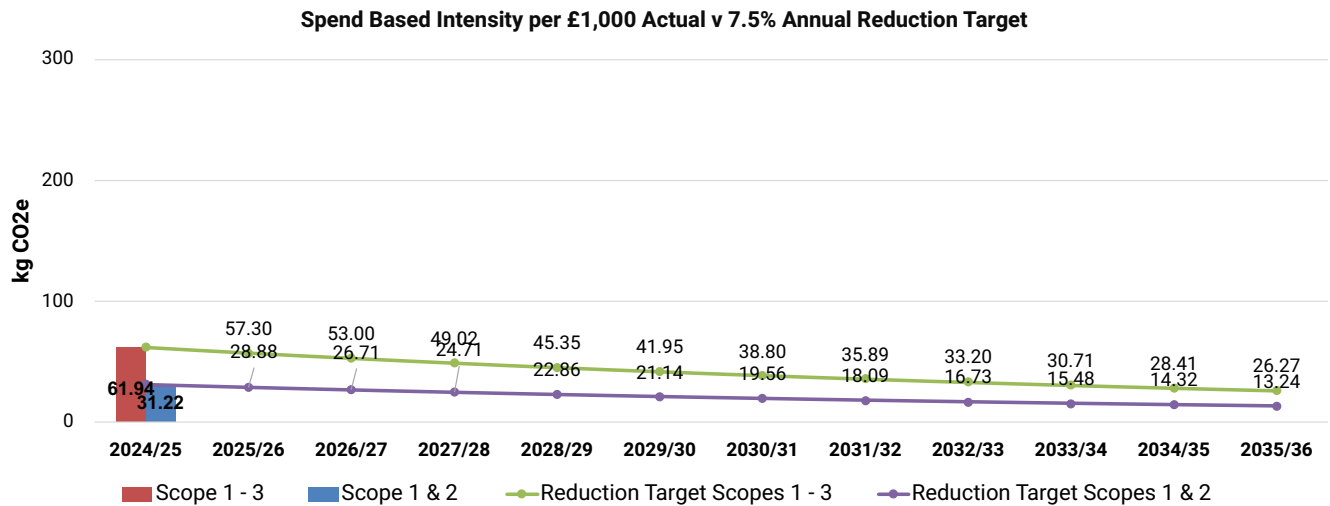
UK Scopes by Percentage: 20.44 tCO2e











Energy Efficiency and Carbon Reduction Measures

Measures Implemented (up to 2024)

- S.I UXO operates a **work-from-home policy**, eliminating the need for office space and significantly reducing GHG emissions from energy use and employee commuting.
- All employees complete **annual Carbon Literacy training**, ensuring awareness and engagement in sustainable practices.

Measures Implemented (2025)

- Completion of the company's first **GHG Protocol-aligned emissions report**, providing a verified baseline for Scope 1, 2, and relevant Scope 3 categories.

Planned / Ongoing Measures (2025 onwards)

- Encourage the use of **low-carbon digital platforms and cloud providers** powered by renewable energy.
- Prioritise **video conferencing over travel**, with business travel minimised and sustainable transport used where necessary.
- Offset residual staff-related emissions through **nature-based projects** that deliver measurable carbon sequestration and biodiversity benefits.
- Prioritise **hotels with low emissions**.

Notes about methodology:

- The calculations were completed using the GHG Carbon Calculator, applying the UK Government Emission Factors 2024 and 2024 DEFRA spend-based factors, Climatiq datasets, and supplier-specific data where available.
- Where activity-based data (e.g. actual weights or consumption) was unavailable, a spend-based methodology was applied in line with Scope 3 best practices.
- S.I UXO has applied a hierarchy of data quality in line with the GHG Protocol principles of relevance, completeness, consistency, transparency, and accuracy. Where possible, **primary activity-based data** (e.g. litres of fuel consumed in company vehicles, nights stayed in hotels) has been used as the most accurate representation of emissions. Where primary data was unavailable, **secondary data from suppliers** (e.g. invoices, third-party reports, DEFRA/Climatiq factors) was applied. In cases where neither activity-based nor supplier data could be obtained, **spend-based emission factors** were used to provide a reasonable estimate. This hierarchy ensures that the highest quality data is prioritised while maintaining completeness across all relevant emission sources.
- CO₂e is the universal unit of measurement to indicate the global warming potential (GWP) of Greenhouse Gases (GHGs), expressed in terms of the GWP of one unit of carbon dioxide. There are seven main GHGs that contribute to climate change, as covered by the Kyoto Protocol: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). Different activities emit different gases. Using CO₂e allows all greenhouse gases to be measured on a like-for-like basis.
- For National grid electricity consumption, S.I UXO has included factors for the transmission and distribution of electricity (T&D) losses, which occur between the power station and site(s). As with other Scope 3 impacts, reporting T&D is voluntary but is recommended standard practice by UK Government².
- As S.I UXO operates entirely remotely with no office premises, no company-purchased electricity is consumed. Employee homeworking emissions are captured under Scope 3, Category 7, using DEFRA homeworking factors, which include electricity generation and distribution impacts. The only Fuel- and Energy-Related Activities (Scope 3, Category 3) are Well-to-Tank (WTT) emissions associated with diesel used in company vehicles.

Definitions:

Carbon footprint - The total set of greenhouse gas emissions (GHG) caused directly and indirectly by an individual event, organisation, or product expressed as Carbon Dioxide Equivalent (CO₂e). (Source: Greenhouse Gas Protocol).

Scope 1 (direct emissions) emissions are those from activities owned or controlled by your organisation. Examples of Scope 1 emissions include emissions from combustion in owned or controlled boilers, furnaces and vehicles; and emissions from chemical production in owned or controlled process equipment.

Scope 2 (energy indirect) emissions are those released into the atmosphere that are associated with your consumption of purchased electricity, heat, steam and cooling. These indirect emissions are a consequence of your organisation's energy use but occur at sources you do not own or control.

Scope 3 (other indirect) emissions are a consequence of your actions that occur at sources you do not own or control and are not classed as Scope 2 emissions. Examples of Scope 3 emissions are business travel by means not owned or controlled by your organisation, waste disposal, materials or fuels your organisation purchases. Deciding if emissions from a vehicle, office or factory that you use are Scope 1 or Scope 3 may depend on how you define your operational boundaries. Scope 3 emissions can be from activities that are upstream or downstream of your organisation. More information on Scope 3 and other aspects of reporting can be found in the Greenhouse Gas Protocol Corporate Standard.

References:

1. The GHG Protocol Corporate Accounting and Reporting Standard. Revised Edition (2015) World Resource Institute and World Business Council for Sustainable Development.
2. Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance (March 2019) UK Government Department for Business, Environment and Industrial Strategy.
3. UK Government Greenhouse Gas reporting: conversion factors – 2024 Full set (for advanced users).
4. DEFRA Spend Factors for Scope 3 footprint 2024, factors utilised updated as of May 2024.
5. Climatiq Data base for Scope 3

Appendix: PAS 2060 Qualifying Explanatory Statement

S.I UXO commits to achieving carbon neutrality for the reporting period 1 February 2024 – 31 January 2025 in accordance with PAS 2060:2014.

- **Total emissions:** 39.44 tCO₂e (Scopes 1–3).
- **Methodology:** GHG Protocol Corporate Standard, UK Government 2024 GHG Conversion Factors, DEFRA spend-based methodology, and Climatiq datasets.

- **Reduction commitment:** S.I UXO commits to reducing Scope 1 & 2 emissions by 50% by 2030 and to achieving Net Zero across Scopes 1–3 by 2050.
- **Offsetting:** Residual emissions for 2024/25 will be offset through verified, high-quality nature-based solutions equivalent to 39.44 tCO₂e, using UN CERs (Certified Emission Reductions).
- **Declaration:** This statement is made in accordance with PAS 2060:2014 by S.I UXO management.