

# CARBON FOOTPRINT

## & CARBON REDUCTION PLAN

### SCOPUS ASBESTOS COMPLIANCE LTD

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Last Reviewed: 1st May 2026

## 1. INTRODUCTION

### 1.1 Description

Scopus Asbestos Compliance Ltd is a UKAS-accredited asbestos testing, inspection and consultancy company providing bulk analysis, air monitoring, four-stage clearance and asbestos surveying services. The Company is committed to minimising its environmental impact and to continuous reduction of its greenhouse gas (GHG) emissions in line with the UK's net zero 2050 target (Climate Change Act 2008 / Environment Act 2021).

This is the Carbon Footprint & Carbon Reduction Plan for Scopus Asbestos Compliance Ltd. The baseline year is 2023. This document has been updated to reflect the 2024/2025 DEFRA conversion factors, the Company's current fleet status, and progress made against the Carbon Reduction Plan since the baseline was established.

### 1.2 Regulatory Basis

- Procurement Policy Note PPN 06/21 - Carbon Reduction Plans required for suppliers of central government contracts above £5 million.
- GHG Protocol - Corporate Accounting and Reporting Standard (WRI / WBCSD) - methodology for emissions accounting.
- DEFRA UK GHG Conversion Factors (2024 edition) - emission factors for vehicles, electricity, hotel stays and business travel.
- Climate Change Act 2008 - UK Net Zero 2050 statutory target.
- Environment Act 2021 - strengthened environmental targets including air quality, waste and nature recovery.
- ZEV Mandate 2024 - requires all new vans sold in the UK to be zero-emission by 2035; shapes the Company's fleet procurement policy.
- ISO 14064-1:2018 - specification for the quantification and reporting of GHG emissions.

### 1.3 Scopes of Accounting

Emissions are classified into three scopes per the GHG Protocol:

- Scope 1 - Direct emissions from assets owned or controlled by Scopus: diesel and petrol combustion in company vehicles.
- Scope 2 - Indirect emissions from purchased electricity consumed in Scopus offices.
- Scope 3 - Indirect supply chain emissions: employee commuting; business travel (ferry, hotel); upstream fuel production. Reported in accordance with PPN 06/21 mandatory categories.

## 2. CARBON FOOTPRINT CALCULATION

### 2.1 Organisational Boundaries

This calculation covers all operations under the financial control of Scopus Asbestos Compliance Ltd. The Control Approach (GHG Protocol) is applied - 100% of emissions from operations over which Scopus has control are reported.

2025 company structure (at time of this review):

- Approximately 12 full-time employees - 4 office-based, 8 field-based surveyors and analysts
- One leased office of approximately 80 m<sup>2</sup> - Suite 5, Milner House, Milner Way, Ossett WF5 9JE
- Vehicle fleet: 6 vehicles total - 4 diesel, 2 electric (EVs) [updated from 1 EV in 2023 baseline]

### 2.2 Scope 1 - Direct Emissions

#### Vehicle Fleet

Scope 1 emissions arise solely from combustion of diesel fuel in the Company's four remaining diesel vans. DEFRA 2024 GHG conversion factors are applied.

Parameter	2023 Baseline	2024 Update	2025 (This Review)
Diesel vans in fleet	6	5	4
Electric vans in fleet	0	1	2
Total fleet mileage (miles/yr, approx.)	75,300	73,000	70,000
DEFRA diesel van factor (kgCO <sub>2</sub> e/mile)	0.28000	0.27468	0.27468
Scope 1 emissions (kgCO <sub>2</sub> e)	21,091.5	15,932.0	13,500.3

Calculation (2025 review year):

**GHG vehicle emissions = 49,200 miles (diesel only) × 0.27468 kgCO<sub>2</sub>e/mile = 13,514 kgCO<sub>2</sub>e**

**PROGRESS:** Two of six vans are now electric - a 33% fleet electrification rate. The ZEV Mandate 2024 requires all new van purchases to be zero-emission by 2035. The Company's procurement policy has been updated to require EV specification for all new van orders where route range requirements are met.

### 2.3 Scope 2 - Electricity Emissions

Scope 2 emissions arise from electricity consumed in the Company's leased office. DEFRA 2024 UK grid electricity emission factor: 0.20707 kgCO<sub>2</sub>e/kWh (reduced from 0.427 kgCO<sub>2</sub>e/hour-person basis used in 2023 - methodology updated to kWh-based calculation using smart meter data).

Parameter	2023 Baseline	2024	2025 (This Review)
Office size (m <sup>2</sup> )	80	80	80
Annual kWh consumption (estimated)	7,530	7,200	7,000
DEFRA grid factor (kgCO <sub>2</sub> e/kWh)	0.23314	0.21233	0.20707
Scope 2 emissions (kgCO <sub>2</sub> e)	3,215.3	1,528.8	1,449.5

**NOTE:** The UK electricity grid's carbon intensity continues to fall year on year as renewable generation increases. This will progressively reduce Scope 2 emissions without requiring additional action from Scopus. A feasibility assessment for solar panel installation at Ossett office is underway - the landlord's agreement is required.

### 2.4 Scope 3 - Indirect Emissions

Scope 3 emissions are reported in accordance with PPN 06/21 mandatory categories. All figures use DEFRA 2024 conversion factors.

Scope 3 Category	2023 Baseline	2025 (This Review)	Notes
Cat 7: Employee commuting (office staff)	1,355 kgCO <sub>2</sub> e	1,100 kgCO <sub>2</sub> e	Reduced - hybrid working 3 days in-office. 1.8 kgCO <sub>2</sub> e/person/day × 3 staff × ~200 days
Cat 6: Business travel - ferry	5,805 kgCO <sub>2</sub> e	2,580 kgCO <sub>2</sub> e	Reduced - 20 ferry trips (down from 45). 129 kgCO <sub>2</sub> e/trip. Operational changes in 2025.
Cat 6: Business travel - hotel nights	458 kgCO <sub>2</sub> e	312 kgCO <sub>2</sub> e	30 hotel nights (down from 44). 10.4 kgCO <sub>2</sub> e/night.
Cat 4: Upstream fuel production (diesel)	Est. 2,300 kgCO <sub>2</sub> e	Est. 1,800 kgCO <sub>2</sub> e	Well-to-tank emissions for diesel consumed. DEFRA upstream factor applied.
Cat 5: Waste generated in operations	Est. 200 kgCO <sub>2</sub> e	Est. 180 kgCO <sub>2</sub> e	Asbestos waste disposal and general office waste.
<b>Total Scope 3</b>	<b>7,160.4 kgCO<sub>2</sub>e</b>	<b>5,972 kgCO<sub>2</sub>e</b>	<b>27% reduction vs baseline</b>

### 2.5 Total Carbon Footprint Summary

Scope	2023 Baseline (kgCO <sub>2</sub> e)	2025 Current (kgCO <sub>2</sub> e)	% Change
Scope 1 - Vehicle fleet	21,091.5	13,514.0	-36%
Scope 2 - Office electricity	3,215.3	1,449.5	-55%
Scope 3 - Indirect (PPN 06/21 mandatory)	7,160.4	5,972.0	-17%
<b>TOTAL EMISSIONS 2023: 31,467 kgCO<sub>2</sub>e   TOTAL EMISSIONS 2025: 20,936 kgCO<sub>2</sub>e   OVERALL REDUCTION: -33%</b>			

## 3. CARBON REDUCTION PLAN

### 3.1 Commitments and Actions

Reduction Action	Target / Detail	Scope Affected	Target Year	Status
Fleet electrification - replace all diesel vans with EVs	Replace all 4 remaining diesel vans with EVs. One replacement per year from 2026.	Scope 1	2030	⚠ In Progress - 2/6 complete
Green energy tariff for office electricity	Switch to 100% renewable electricity tariff with REGO-backed supplier	Scope 2	2026	📄 To investigate
Solar panel installation	Feasibility study commissioned with landlord. Target: 10–15% office electricity from solar.	Scope 2	2027	📄 Under discussion
Optimise routing and scheduling	Route planning software to reduce total fleet mileage by 10%	Scope 1 & 3	2026	⚠ In Progress
Hybrid working policy - reduce commuting	Formalise 3-day in-office policy for office-based staff	Scope 3	2026	✅ Complete
Reduce ferry business travel	Review operational necessity; use alternative means where possible	Scope 3	Ongoing	✅ 55% reduction achieved
Waste reduction - laboratory consumables	Consolidate chemical orders; reduce packaging waste; increase recycling	Scope 3	Ongoing	⚠ In Progress
LED lighting - office	Full LED lighting in office completed	Scope 2	Complete	✅ Complete
ZEV procurement policy	All new van orders to specify EV where range permits (ZEV Mandate 2024 compliance)	Scope 1	From 2025	✅ Policy adopted

### 3.2 Net Zero Target

Scopus Asbestos Compliance Ltd commits to achieving Net Zero greenhouse gas emissions across all scopes by 2050, in line with the UK's statutory target under the Climate Change Act 2008. The primary pathway to Net Zero is the elimination of diesel vehicle emissions through full fleet electrification by 2030, supplemented by the progressive decarbonisation of the UK electricity grid reducing Scope 2 and EV-related Scope 3 emissions without further action required.

The Company will report annually on progress against this Carbon Reduction Plan as part of the Environmental Management Review.

## 4. SOURCES AND REFERENCES

- DEFRA UK Government GHG Conversion Factors (2024 edition) - [www.gov.uk/government/publications/uk-conversion-factors-for-company-reporting](http://www.gov.uk/government/publications/uk-conversion-factors-for-company-reporting)
- GHG Protocol - Corporate Accounting and Reporting Standard (Revised Edition). World Resources Institute / WBCSD, 2020.
- Procurement Policy Note PPN 06/21 - Carbon Reduction Plans. UK Cabinet Office.
- Climate Change Act 2008 - UK statutory net zero target.
- Environment Act 2021 - environmental targets and obligations.
- ZEV Mandate 2024 - Zero Emission Vehicle Mandate for new van sales.
- ISO 14064-1:2018 - Specification for the quantification and reporting of GHG emissions.

<b>Signed:</b>	Sai Annapureddy - Managing Director	Date: 1st May 2026
This plan meets the requirements of PPN 06/21.	Net Zero target: 2050.	Next annual review: 1st May 2027.