



OPERATIONAL CARBON FOOTPRINT REPORT 2024/2025



Carbon emissions report for:
Reporting period:
Prepared date:
Prepared by:
Checked by:

South West Concrete Repairs Ltd.
01/11/2024 – 31/10/2025
20/02/2026
Ade Adewumi
Andrew Moss Robinson





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DISCLAIMER

This report has been prepared for **South West Concrete Repairs Ltd**. We have taken all reasonable care to ensure that the facts stated herein are true and accurate in all material aspects. No liability of any kind is assumed by Carbon Sense Ltd. or any of its directors, officers, employees, advisors or agents about any such opinions, projections, assumptions or any other information contained in, or otherwise concerning this report.



METHODOLOGY & BOUNDARIES

QUANTIFICATION & REPORTING METHODOLOGY

Carbon emissions have been calculated using the latest UK Government GHG Conversion Factors for Company Reporting applicable to the reporting year. The assessment follows the principles of the Greenhouse Gas (GHG) Protocol Corporate Accounting and Reporting Standard and supports compliance with Public Procurement Notice (PPN) 006 requirements. Where relevant, additional narrative and analysis have been tailored to reflect **South West Concrete Repairs Ltd.**'s specific operational context and data availability.

ORGANISATIONAL BOUNDARY

South West Concrete Repairs Ltd. operates as a single entity with no parent or subsidiary companies; therefore, the organisational boundary is defined solely as **South West Concrete Repairs Ltd.** The Operational Control approach has been applied, meaning all emissions sources over which **South West Concrete Repairs Ltd.** exercises direct operational control have been included. This approach ensures consistency with recognised best practice and provides a clear, repeatable framework for ongoing carbon measurement and reduction planning.

OPERATIONAL SCOPES

This footprint includes emissions from Scope 1 (direct emissions), Scope 2 (indirect energy-related emissions), and selected Scope 3 (other indirect emissions) categories. Scope 3 coverage includes: **Employee Commuting, Waste Generated in Operations, Water Consumption, Material Used and Purchased Goods and Services.**

STANDARD AND METHODOLOGY USED

Greenhouse Gas (GHG) emissions are categorised under Scopes 1, 2, and 3 in line with the GHG Protocol Corporate Accounting and Reporting Standard. Emissions have been calculated using data provided and evidenced by **South West Concrete Repairs Ltd.** applying the latest UK Government GHG Conversion Factors and other reputable published sources as outlined within the data collection template.

As more accurate or granular data becomes available, it is recommended that this process is reviewed and updated annually to ensure continued accuracy and alignment with best practice.

DATA QUALITY / CONFIDENCE

The data used in this assessment has been gathered from multiple internal sources across the organisation.

All activity data has been converted to CO₂e using verified and published GHG conversion factors.

Where specific activity data was unavailable, spend-based or industry-average conversion factors from SIC 2019 classifications and Climatiq datasets were applied to ensure completeness and representativeness.

Source:

<https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2025>

<https://www.climatiq.io/data>



COMPANY INFORMATION

Reporting Period:	01 November 2024 – 31 October 2025
Industry	Other specialised construction activities not elsewhere classified (43999)
No. of staff	9
No. of sites - Owned	1
No. of sites - Leased	0
No. of Company Vehicles - Owned	6
No. of Company Vehicles - Leased	0

South West Concrete Repairs Ltd. is a Private Limited Company (Company No. **03431115**) registered in England and Wales, with its registered office at: **Unit 17, Reynolds Park Bell Close, Plympton, Plymouth, Devon, United Kingdom, PL7 4FE**

South West Concrete Repairs Ltd. is a specialist contractor providing concrete repair and structural refurbishment services across the South West of England. The company delivers crack repairs, corrosion treatment, waterproofing, strengthening, and protective coatings, working on commercial, industrial, and residential projects with a strong focus on quality, safety, and durability.





REPORTING PERIOD: NOVEMBER 2024 – OCTOBER 2025

Emissions Reporting: 2025

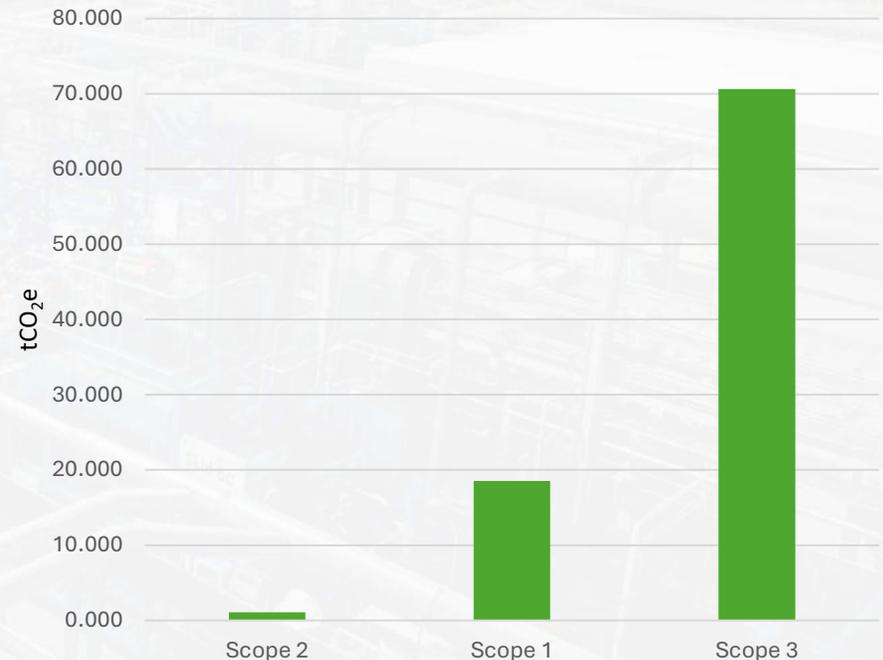
(Baseline year emissions 2023 = 99.93 tCO₂e)
(Preceding year emissions 2024 = 63.49 tCO₂e)

Emissions	TOTAL (tCO ₂ e)
Scope 1	18.54
Scope 2	1.08
Scope 3	70.61
Total Emissions	90.23 tCO₂e (-9.7% from Baseline)

The organisation's emissions show changes between 2023 and 2025. Total emissions fell sharply by 36.5% in 2024, driven largely by a major reduction in Scope 3 emissions, before rising again by 42.1% in 2025. Despite this rebound, 2025 emissions remain 9.7% below 2023 levels.

Scope 1 and 2 emissions demonstrate consistent, structural reductions across all three years, indicating effective operational decarbonisation. Scope 3 emissions dominate the carbon footprint (70–78%) and drive overall change. The data suggests that while direct emissions improvements are embedded, long-term decarbonisation success will depend on stabilising and structurally reducing value-chain (Scope 3) emissions.

Emission Scope Breakdown





CARBON EMISSIONS - INTENSITY METRICS

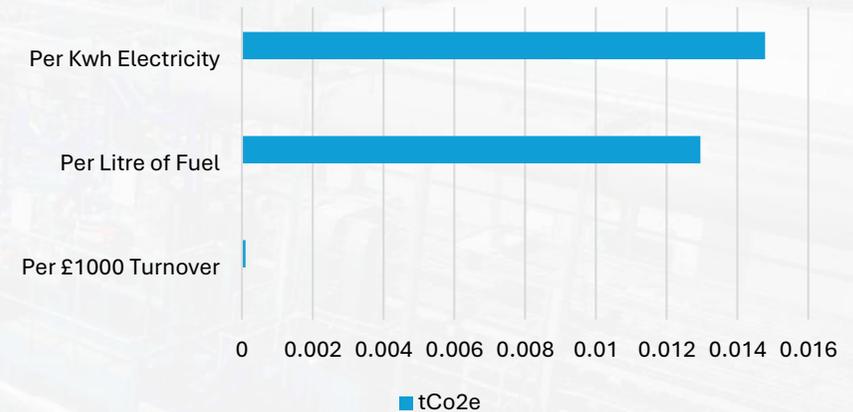
To assess performance beyond absolute emissions, South West Concrete Repairs Ltd. track a series of **intensity metrics** that show how efficiently they manage carbon in relation to our operations. These include emissions per kWh of electricity, per litre of fuel and per £1000 turnover.

Per kwh Electricity	0.015 tCO ₂ e
Per Litre of Fuel	0.013 tCO ₂ e
Per £1000 Turnover	0.001 tCO ₂ e

A modest increase in intensity metrics is observed (compared to the year 2024), primarily attributable to higher reported total emissions arising from improved data completeness and the increase in materials used in operations(i.e Scope 3 – value chain categories) within the 2025 reporting boundary, as previously noted.

South West Concrete Repairs Ltd. is committed to reducing its environmental impact across these three key metrics, with a strong focus on ongoing sustainability.

Intensity Metrics





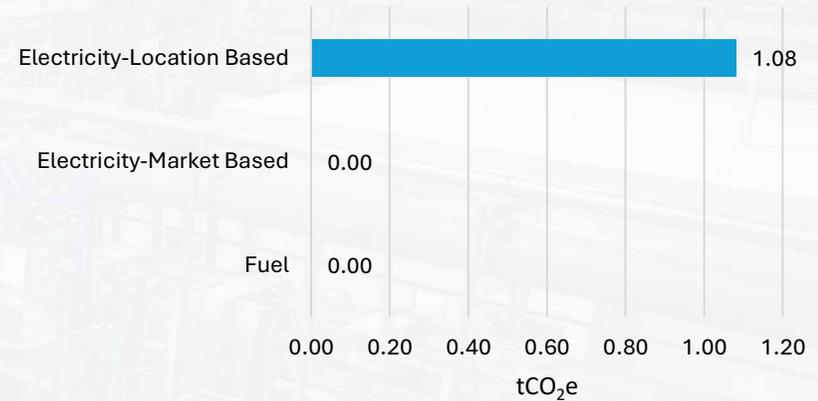
CARBON EMISSIONS

ENERGY & FUELS

Electricity emissions have reduced consistently year on year, falling from 1.42 in 2023 to 1.23 in 2024, and further to 1.08 in 2025. This steady decline reflects improved energy efficiency and reduced consumption, demonstrating sustained progress in lowering operational carbon intensity.

Electricity-Location Based*	1.08 tCO ₂ e
Electricity-Market Based*	0.00 tCO ₂ e
Fuel	0.00 tCO ₂ e
Total	1.08 tCO₂e

*Electricity emissions, excluding T&D



COMPANY VEHICLES

Company vehicle emissions stand at 18.54 tCO₂e, declining steadily from 24.08 in 2023 to 21.65 in 2024 and 18.54 in 2025, reflecting improved fleet efficiency, reduced fuel consumption, and ongoing decarbonisation efforts.

Car-Diesel	18.54 tCO ₂ e
Car-Petrol	0.0 tCO ₂ e
Car-Electric	0.0 tCO ₂ e
Total	18.54 tCO₂e



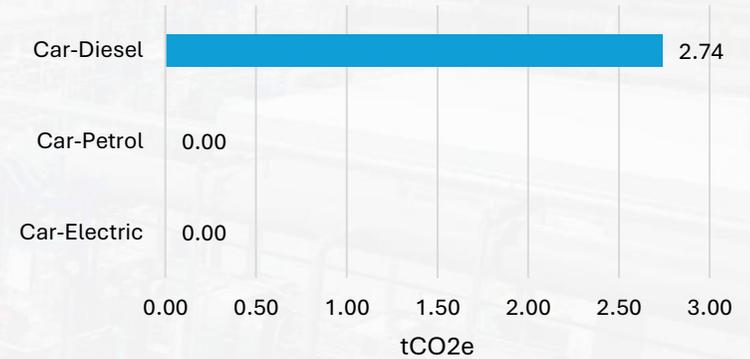


CARBON EMISSIONS

EMPLOYEE COMMUTING

Employee commuting emissions remained stable between 2023 and 2024 at 2,689.43, before rising slightly to 2,740.34 in 2025, indicating marginal increases in travel activity or reduced uptake of lower-carbon commuting options.

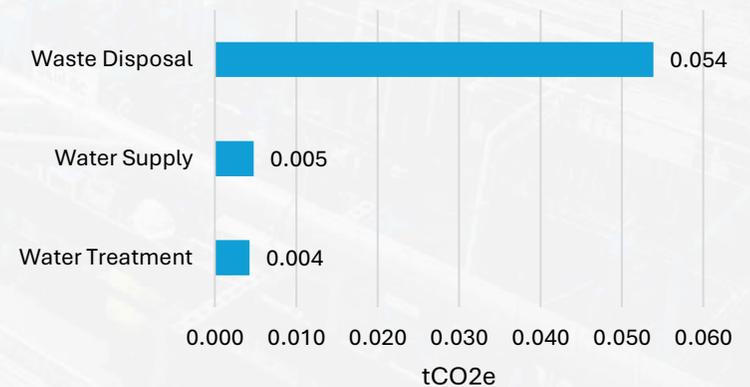
Car-Diesel	2.74 tCO ₂ e
Car-petrol	0.00 tCO ₂ e
Car-Electric	0.00 tCO ₂ e
Total	2.74 tCO₂e



OTHER RECORDED EMISSIONS

Emissions from water and waste disposal constitute less than 1% of total emissions and have slightly decreased year on year, a reflection of improved waste management and waste usage.

Waste Disposal	0.054 tCO ₂ e
Water Supply	0.005 tCO ₂ e
Water Treatment	0.004 tCO ₂ e
Total	0.063 tCO₂e





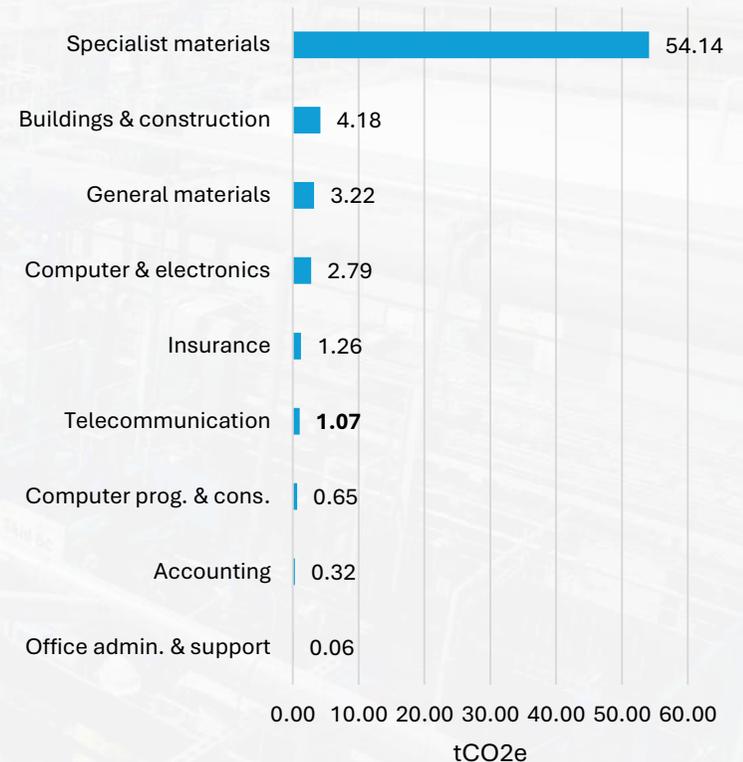
CARBON EMISSIONS

PURCHASED GOODS & SERVICES AND MATERIALS USED

Emissions from purchased goods, services, and materials fell sharply from 70.99 in 2023 to 37.59 in 2024, before rising again to 67.69 in 2025. This volatility indicates fluctuations in procurement volumes and project activity, highlighting the significant influence of the supply chain on the organisation’s overall footprint. This category of emissions accounts for 75% of total emissions.

Materials used (specialist and general) constitutes 85% of emissions in this category and 63.5% of total emissions, indicating that the most impactful area for emissions reduction is within material use specifically and in supply chain activities generally.

Specialist materials	54.14 tCO ₂ e
Building & construction	4.18 tCO ₂ e
General materials	3.22 tCO ₂ e
Computer & electronics	2.79 tCO ₂ e
Insurance	1.26 tCO ₂ e
Telecommunication	1.07 tCO ₂ e
Computer programming & consultancy	0.65 tCO ₂ e
Accounting	0.32 tCO ₂ e
Office administration and support	0.06 tCO ₂ e
Total	67.69 tCO₂e



The emissions data provided is based on a spend-based methodology, which estimates carbon emissions by applying industry-average emissions factors to financial expenditure. While this approach allows for a broad assessment of carbon footprint impacts, it may not always provide the highest level of accuracy, as variations in supply chain practices, material sourcing, and operational efficiencies can significantly influence actual emissions. This disclaimer acknowledges that spend-based calculations provide valuable insights but should ideally be supplemented with more granular metrics where data availability permits.



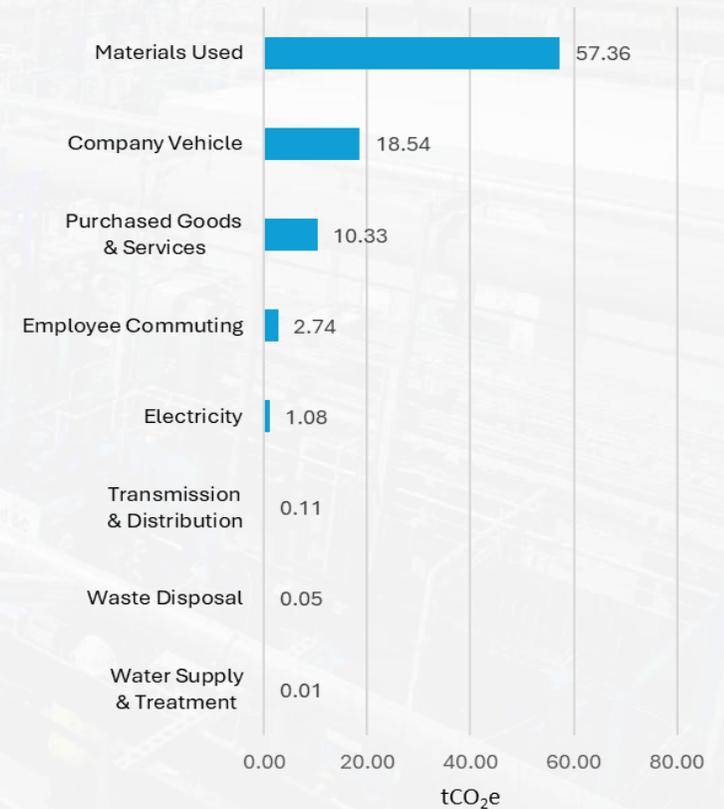
CARBON EMISSIONS

ALL EMISSIONS CATEGORY

The organisation’s emissions profile is heavily influenced by supply chain and operational transport activities. Company vehicle emissions show a consistent downward trajectory, indicating effective fleet efficiency measures and fuel optimisation. Electricity emissions have also declined steadily, reflecting improved energy management.

The most significant driver of overall fluctuation is purchased goods, services, and materials. This category experienced a sharp reduction in 2024, followed by a substantial rebound in 2025, indicating sensitivity to procurement levels and project cycles. As this category represents the largest share of emissions, long-term decarbonisation will depend on embedding low-carbon procurement strategies, supplier engagement, and material substitution to stabilise and structurally reduce value chain emissions.

Materials Used (Specialist & General)	57.36 tCO ₂ e
Company Vehicles	18.54 tCO ₂ e
Purchased Goods & Services	10.33 tCO ₂ e
Employee Commuting	2.74 tCO ₂ e
Electricity	1.08 tCO ₂ e
Transmission & Distribution	0.11 tCO ₂ e
Waste Disposal	0.05 tCO ₂ e
Water Supply & Treatment	0.01 tCO ₂ e
Total	90.23 tCO₂e





ASSESSORS COMMENTS

Carbon Sense Ltd. supported the collection and analysis of greenhouse gas (GHG) emissions data for South West Concrete Repairs Ltd covering the period **1st November 2024 to 31st October 2025**.

Data provided by the organisation was reviewed and used to calculate emissions using an activity-based or spend-based methodology as appropriate. Emissions have been quantified and categorised in accordance with the Greenhouse Gas (GHG) Protocol and the organisational boundaries defined in this report.

The calculated total of **90.23 tonnes** provides a robust and representative picture of **South West Concrete Repairs Ltd.'s** emissions profile across Scopes 1, 2 and the material upstream Scope 3 categories. The organisation has demonstrated a willingness to improve data coverage each year, and the 2024/25 footprint reflects a clear step forward in accuracy, consistency and completeness.

Continued refinement of supply chain data, supplier-specific emissions factors and activity based information will further strengthen future reporting, enabling more targeted and high impact decarbonisation planning.

Disclaimer: *This assessment is based on data and evidence provided by South West Concrete Repairs Ltd. Carbon Sense Ltd. has reviewed the information for reasonableness but has not independently verified or audited the data. The findings represent a fair and accurate estimation in line with current GHG reporting best practice.*

South West Concrete Repairs Ltd. is committed to measuring and reducing its greenhouse gas emissions across **Scopes 1, 2, and 3**, in line with its sustainability goals and pathway to Net Zero

South West Concrete Repairs Ltd. aims to:

- **Achieve Net Zero** in alignment with the Science Based Targets and guidance set out by the **UNFCCC**, targeting a **50% reduction in emissions by 2030** and **Net Zero no later than 2050**.
- **Set realistic short- and long-term targets** to support continual improvement and progress toward these goals.
- **Report total greenhouse gas emissions annually** in a transparent and accurate manner.
- **Take practical, evidence-based steps** to collect, improve, and report emissions data where appropriate and where reliable data is available.

Please refer to the 2025 Carbon Reduction Plan (CRP) including short-term (2025–2030) reduction targets and long-term Net Zero milestones, outlining annual emissions reduction trajectories.

CARBON SENSE

Certified



Corporation

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