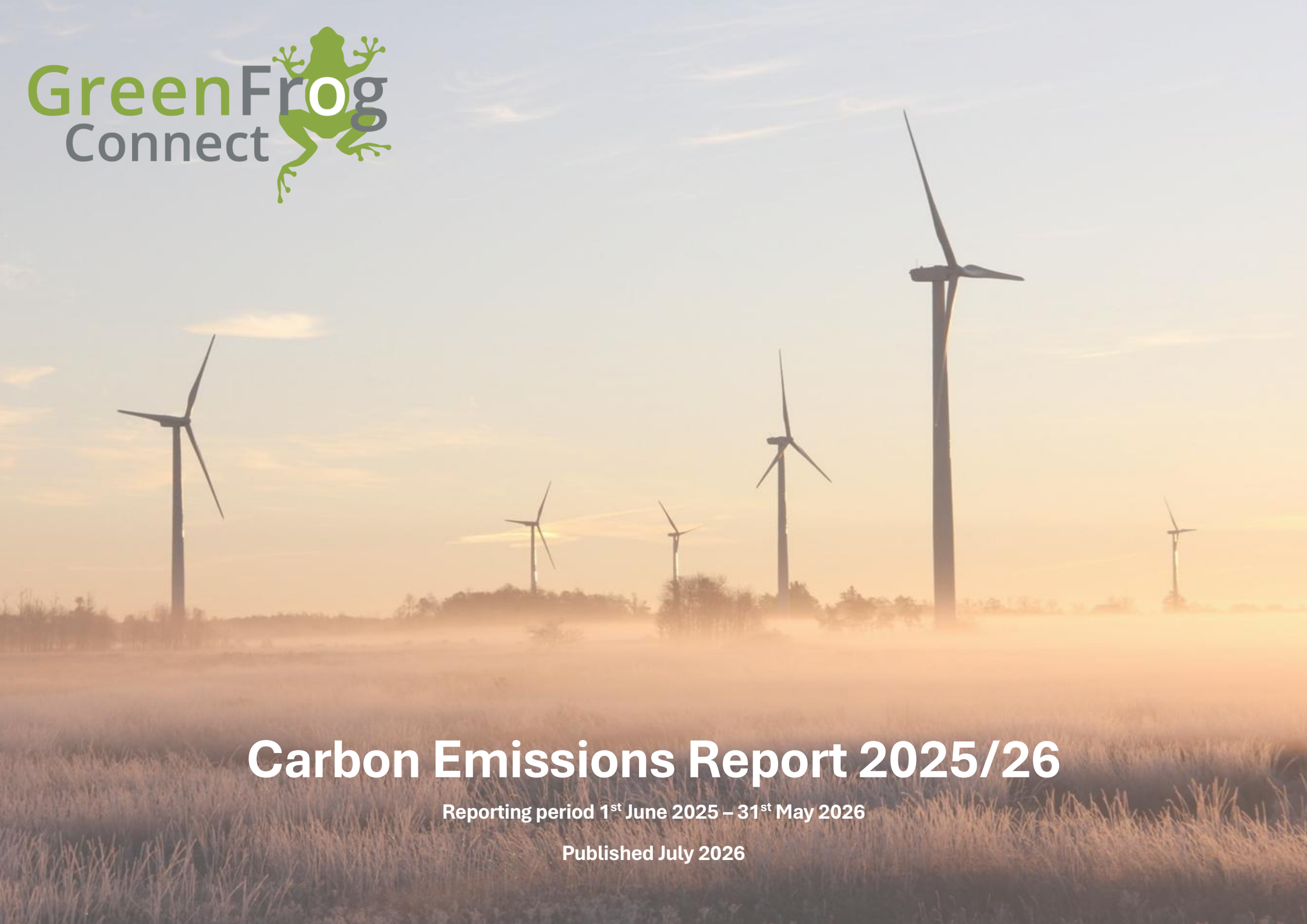


Carbon Emissions Report 2025/26

Reporting period 1st June 2025 – 31st May 2026

Published July 2026

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Section 1

Introduction

As a leading Independent Connection Provider, we design and build the high-voltage grid connections that allow battery storage, renewable energy generation and conventional power generation projects to come to life. Our work places us at the heart of the UK's evolving energy infrastructure and with that comes both opportunity and accountability.

This carbon emissions report reflects our commitment to understanding, managing and reducing our environmental impact. By measuring our emissions and identifying opportunities for improvement, we aim not only to operate responsibly but also to support our clients and partners in delivering projects that contribute to a cleaner and more sustainable energy system.

Green Frog Connect is proud to play its part in building a low-carbon future, and we will continue to integrate sustainability into our operations as we connect the projects that power the UK's transition to net zero.



Section 2

Our Commitment

Green Frog Connect is committed to halving our Scope 1 and 2 greenhouse gas (GHG) emissions by 2030 compared to our 2023/24 baseline and achieving net zero by 2040.

In line with our values, we seek to reduce our direct impact on the environment and support climate solutions.

We will calculate our carbon emissions and publish a report to be shared with stakeholders. This annual publication is part of our SME Climate Commitment[1]. Through this commitment, we are recognised by the United Nations Race to Net Zero campaign, joining other businesses and governments worldwide in the effort to achieve net zero globally by 2050.

1. Halve Scope 1 and 2 GHG emissions by 2030
2. Achieve net zero emissions by 2040
3. Disclose our progress on a yearly basis

SME Climate Hub COMMITTED 2026

SME Climate Hub Member

Green Frog Connect is a proud member of the SME Climate Hub.



Section 3
Methodology

Reporting approach

GHG emissions are reported in accordance with the Greenhouse Gas Protocol: Corporate Accounting and Reporting Standard (Revised Edition)[2].

Emissions have been calculated using UK Government (DESNZ) Greenhouse Gas Conversion Factors[3] for the relevant reporting year. Emissions are expressed in tonnes of carbon dioxide equivalent (tCO_2e), which standardises the climate impact of different GHGs by applying global warming potential (GWP) values.

Reporting period and baseline

The reporting period covers 1 June 2025 to 31 May 2026, with 2023/24 used as the baseline year for measuring progress. Green Frog Connect transitioned from calendar-year to financial-year emissions reporting to align with the company's financial reporting cycle.

Considering this change, alongside company growth and improvements in data accuracy, a decision was made to re-baseline emissions and establish 2023/24 as the new baseline year. We consider this baseline to be more representative of our current operational footprint and therefore a more robust foundation from which to set and measure emission reduction targets.

Further detail on the methodology and activity data collection is provided in Appendix 1.

Organisational boundary

The inventory covers Green Frog's operations, including office energy consumption, company vehicles and fuel purchased directly for construction sites. Emissions are consolidated using the operational control approach.

Emission sources

Emissions are allocated into the following categories in line with the GHG Protocol:

- Scope 1: Direct emissions from site generator fuel, company-owned fossil fuel vehicles and office gas consumption.
- Scope 2: Indirect emissions from purchased electricity used in offices and company-owned electric vehicles.
- Scope 3: Selected indirect emissions.
- Outside of Scopes (biogenic carbon)

Scope 3 emissions

The GHG Protocol defines 15 Scope 3 categories, covering indirect emissions that occur across a company's value chain. Green Frog currently reports on four Scope 3 categories for which data is available with an appropriate level of accuracy.

- Category 3: Fuel and energy related activities (not included in Scope 1 or 2)
- Category 5: Waste generated in operations
- Category 6: Business travel
- Category 7: Employee commuting

We recognise that most of our Scope 3 emissions are likely to fall within Category 1 (Purchased goods and services). While not currently included, we are actively working to improve data availability and aim to include Category 1 estimates in future reporting periods.

Biogenic CO2e

Biogenic carbon from HVO combustion is disclosed separately from Scopes 1-3. It is also included in the report's combined headline figure to provide visibility of these emissions.

Section 3

Methodology updates 2025/26

We continually review and refine our data collection methodology to improve the accuracy, completeness and reliability of our GHG data. During 2025/26, several improvements were made to the quality and coverage of activity data used to calculate our carbon footprint.

Electricity and gas (Scopes 1 & 2)

In August 2025, Green Frog moved into its own office building replacing a shared office space. Previously, electricity and gas consumption for the shared building was apportioned based on Green Frog occupancy. We now record electricity consumption directly from utility invoices, significantly improving data accuracy. The new office is fully electric, therefore no natural gas is consumed on site.

Homeworking (Scope 3)

In 2024/25, homeworking emissions were estimated using 2023/24 data. For 2025/26, a staff survey was undertaken to capture the average number of days each employee worked from home per month, providing a more representative estimate. However, this remains an average rather than a record of actual homeworking days throughout the reporting period.

Business travel (Scope 3)

Business flights have been included within the 2025/26 calculations, improving the completeness of reported business travel emissions.

Employee commuting (Scope 3)

The methodology was updated to use actual attendance records from the Weston office sign-in/sign-out sheets rather than staff survey data. These records include employee name, travel distance and fuel type for each office visit. As the system is paper-based it still relies on manual data entry and the accuracy of employee-reported travel distances.

Water (Scope 3)

Water consumption at the Weston office has now been included for the first time following the move to Green Frog owned premises, where utility consumption is now directly monitored through supplier invoices.

Site waste (Scope 3)

Site waste emissions are now calculated using improved data provided directly by our subcontractor. As a result, 2025/26 waste emissions are based primarily on actual waste data rather than estimates.

Section 4

Greenhouse Gas Emissions Data

	GHG Emissions (tCO_2e)			2025/26 Versus 2024/25
	2023/24 (Baseline)	2024/25	2025/26 (Current)	
Scope 1	**687.4**	**453.1**	**297.3**	**-34%**
Site generator fuel	*658.9*	*435.9*	*279.1*	*-36%*
Fleet vehicles (fossil fuels)	*25.8*	*14.6*	*18.1*	*+25%*
Building energy (fossil fuels)	*2.7*	*2.7*	*0.04*	*-98%*
Scope 2	**2.1**	**3.0**	**7.8**	**+159%**
Building energy (electricity)	*1.6*	*1.6*	*4.5*	*+185%*
Fleet vehicles (EVs)	*0.6*	*1.4*	*3.3*	*+130%*
Scope 3	**198.8**	**159.8**	**136.8**	**-14%**
*WTT & T&D**	*158.8*	*109.0*	*81.3*	*-25%*
Business travel	*15.9*	*26.3*	*20.8*	*-21%*
Employee commuting	*15.0*	*15.0+*	*21.2*	*+41%*
Homeworking	*5.9*	*5.9+*	*11.4*	*+92%*
Waste disposal	*2.8*	*2.8+*	*0.9*	*-69%*
Water	*0.04*	*0.01*	*0.1*	*+1045%*
Hotel stays	*0.2*	*0.7*	*1.0*	*+38%*
Out of scope	**0**	**11.2**	**47.3**	*+322%*
*Biogenic carbon***	*0*	*11.2*	47.3	
Combined reported total, including biogenic carbon	**888.5**	**627.2**	**489.2**	**-22%**
Activity based carbon intensity metric (tCO_2e/1000 working hours)++	**3.05**	**2.77**	**2.68**	**-3%**

**Well-to-Tank (WTT) and Transmission & Distribution (T&D) **Biogenic carbon emissions refer to HVO fuel only +Emissions estimated based on 2023/24 due to data unavailability at time of report ++ Carbon intensity is reported using both financial and activity-based metrics to provide a balanced view of organisational performance. Emissions are expressed as tonnes CO_2 equivalent per 1,000 working hours. Working hours represent total hours worked for all Green Frog Connect staff and sub-contractors working on project sites during the reporting period. Note: Figures have been rounded, as a result totals and percentage changes may not always sum precisely.*

Section 4

2025/26 GHG Emissions Data

489 tCO_2e
Reported emissions, including biogenic CO2e

45% Reduction
Compared with the 2023/24 baseline **(-399 tCO_2e)**

2.68 tCO_2e
per 1,000 working hours

Reported emissions decreased by 22% compared with 2024/25 and 45% compared with our 2023/24 baseline. These figures include biogenic CO2e, which is disclosed separately from Scopes 1-3. Emissions per 1,000 working hours decreased by 3% from 2.77 to 2.68 tCO_2e. This indicates an improvement in emissions intensity alongside the reduction in absolute emissions.

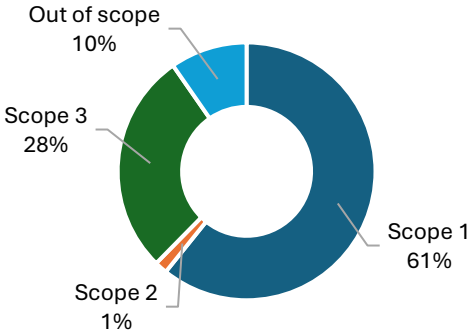
Progress towards our 2030 target

Our target is to halve Scope 1 and 2 emissions by 2030 compared with our 2023/24 baseline. In 2025/26, these emissions were 305.1 tCO_2e, down 56% from 689.5 tCO_2e in the baseline year and below our 2030 target level. Our focus is on sustaining this reduction and making further progress.

Key sources and changes

- Site generator fuel remains our largest reported source, accounting for approximately 57% of the combined total. Generator emissions decreased by 36% compared with 2024/25, reflecting increased use of HVO and lower fuel consumption.
- Scope 1 emissions decreased by 34%, while Scope 2 emissions increased. The move to an all-electric office reduced gas consumption, while reported electricity emissions from buildings and electric vehicles increased.
- Reported Scope 3 emissions decreased by 14%. Well-to-tank and transmission and distribution emissions remained the largest contributor, reflecting their connection to fuel and electricity consumption.
- Commuting and homeworking emissions increased alongside workforce growth. Changes in data collection and estimation methods also affect comparability.
- Purchased goods and services are not yet included and are expected to represent a substantial additional source of emissions. Improving supply-chain data will be essential to understanding our wider footprint and identifying further reduction opportunities.

2025/26 reported emissions, including biogenic CO2e



2025/26 Emissions by Category

SCOPE	CATEGORY	CONTRIBUTION
1	Site generator fuel	57%
3	WTT & T&D	17%
OUT OF SCOPE	Biogenic carbon	10%
3	Business travel	4%
1&2	Fleet vehicles	4%
3	Employee commuting	4%
3	Homeworking	2%
1&2	Building energy	1%
3	Waste	0.18%
3	Hotel stays	0.21%
3	Water	0.03%

Section 5
Completed Carbon Reduction Actions

The following actions have been completed or implemented during the reporting period:

Environmental management

✓ Maintained ISO 14001 certification. We maintained our ISO14001 certification demonstrating our commitment to environmental management and continual improvement.

✓ Improved carbon reporting and data quality. Re-baselined our organisational carbon footprint, continued to strengthen our carbon emissions data collection processes, improving accuracy, coverage and consistency to support better decision making and reporting.

Supplier & subcontractor engagement

✓ Embedded sustainability into supplier and subcontractor appraisals. Environmental sustainability questions have been incorporated into our supplier and subcontractor appraisal questionnaires, ensuring environmental performance is considered alongside other business requirements.

✓ Mapped supply chain. We mapped our supply chain to identify our highest spend suppliers, providing a foundation for targeted engagement and collaboration to improve supply chain emissions data.

Employee engagement

✓ Continued to engage employees on sustainability. A monthly sustainability newsletter is shared with all employees, providing updates on our progress, promoting sustainability initiatives, and encouraging staff to play an active role in reducing our environmental impact.

Powering our site cabins with solar energy

We have started using hybrid solar generators on some of our sites to cut down on diesel use and reduce carbon emissions.

During the day, the solar panels generate electricity and store it in batteries. The backup generator only kicks in when the batteries run low, which means it runs far less often than a traditional diesel generator. This helps cut fuel use, emissions, noise, and running costs, while still giving us reliable power when we need it.

Using hybrid solar power is a practical way for us to make our site operations cleaner and more efficient and supports our net zero targets.



Section 5

Completed Carbon Reduction Actions

Energy and fuel

- ✓ Moved into a new office powered by renewable electricity and rooftop solar panels. In August 2025, we relocated to our new Weston office which is supplied with 100% renewable electricity backed by REGOs. The office also benefits from rooftop solar panels, which generated 3,813.25 kWh between January and July 2026.
- ✓ Continued to reduce construction site energy emissions through hybrid power solutions. We aim to utilise hybrid generators across all projects to reduce diesel consumption. Since 2025, four of our sites also utilised solar hybrid generators, avoiding a further 2,556 litres of diesel. As these systems were deployed for varying durations across different sites, the savings reflect their actual periods of operation rather than the full financial year.
- ✓ Reviewed the use of Hydrotreated Vegetable Oil (HVO) and paused procurement. We paused HVO procurement while reviewing feedstock traceability, sustainability credentials and supplier-specific lifecycle emissions evidence. Our priority is to reduce fuel demand and identify alternatives with demonstrable lifecycle benefits.

Low carbon construction

- ✓ Started measuring the embodied and whole life carbon of our projects. During 2025/26, we began estimating the embodied and whole life carbon footprint of our projects, starting with Maisemore. This includes emissions associated with construction materials, electrical equipment, transport and onsite fuel use. Our initial focus has been on developing a robust methodology for estimating and reporting project emissions. We have started with the civils design, particularly the embodied carbon of concrete and are working with subcontractors to obtain detailed concrete mix data. This will enable us to benchmark concrete against the Low Carbon Concrete Group's Carbon Rating Scheme and identify opportunities to reduce embodied carbon in future projects.

Transport

- ✓ Replaced business-owned fuel vehicles with electric and hybrid alternatives.

Section 6

Proposed Actions – Scope 1 and 2

- **Temporary mains connections:** Assess the feasibility of temporary mains electricity during planning of each new project, recording the decision and any constraints.
  Measure: Percentage of new projects assessed.
- **Hybrid and solar power:** Review site power requirements before mobilisation and specify hybrid or solar hybrid systems where suitable. Record deployment and reasons where these options are not practicable.
  Measure: Percentage of sites using hybrid or solar hybrid systems.
- **Site energy efficiency:** Explore options for implementing energy efficiency measures across site operations to reduce overall power demand from generators. This could include optimising equipment use, reduce idling time, and improve site planning to minimise unnecessary energy consumption.
  Measure: Monthly generator fuel consumption per project
- **Alternative fuels:** Review lower carbon fuel options against lifecycle emissions, feedstock traceability, equipment compatibility and cost.
  Measure: Completed options assessment and recommendations



Section 6

Proposed Actions – Scope 3

To strengthen our understanding of Scope 3 emissions and identify effective reduction opportunities, we will take a phased and structured approach focused on data improvement, supplier engagement and project-level insight.

- **Purchased goods and services:** Develop an initial spend-based emissions estimate to identify priority suppliers and materials. Use the findings to guide requests for more detailed supplier and product data.
  Measure: Percentage of relevant spend covered by the estimate
- **Concrete carbon baseline:** Collect delivery tickets and request mix-specific carbon data or EPDs. Assess mixes against the UK low-carbon concrete rating scheme, where applicable, to identify opportunities for improvement.
  Measure: Percentage of concrete volume covered by mix-specific carbon data.
- **Project carbon assessment:** Complete the trial embodied carbon assessment for one project and use the findings to develop a repeatable assessment template for future projects.
  Measure: One assessment completed.
- **Subcontractor fuel reporting:** Introduce monthly fuel reporting through the subcontractor SHEQ report.
  Measure: Percentage of active subcontractors submitting complete monthly fuel data.



Appendix 1

Category	Scope	Data Source	Data Confidence	Additional comments
Office building energy (gas & electricity)	1&2	Utility bills	Medium	Office building gas and electricity consumption relates to the Weston office only. During part of the reporting period, GFC occupied rented office space in Weston where sub-metering was not available. As a result, energy consumption attributable to GFC was estimated based on the proportion of floor area occupied, with consumption allocated from the total gas and electricity bills for the building. GFC also rents a small additional office space in Tamworth; however, this has been excluded from reporting due to its relatively small size and the lack of reliable consumption data. In August 2025, GFC moved into its own office in Weston. From this point onwards, building electricity consumption has been metered and tracked on a monthly basis, improving data accuracy and completeness.
Site generator fuel	1	Invoices from oil companies	High	GFC purchased oil and gas consumption for all project sites.
Fleet vehicles – fossil fuels	1	Fuel card & mileage expenses	High	Fuel card and mileage from business expenses.
Fleet vehicles - EVs	2	Fuel card	High	
Business travel	3	Fuel card & monthly surveys	High	Collected via business expenses. Now includes business flights.
Employee commuting	3	Office attendance records and employee-reported travel information	Medium	The methodology was updated to use actual attendance records from the Weston office sign-in/sign-out sheets rather than staff survey data. These records include employee name, travel distance and fuel type for each office visit. As the system is paper-based it still relies on manual data entry and the accuracy of employee-reported travel distances.
Fuel and energy related activities (not included in Scope 1 or 2)	3	Utility bills	High	Well-to-tank (WTT) and Transmission & distribution (T&D) factors taken from UK Gov database (DESNZ) and based on consumption.
Waste generated in operations	3	Waste company reports	Low	Improved data from current waste provider but poor quality.
Water consumption	3	Water invoices	Medium	Water for Weston office is included for September 25 – May 26 only, due to data unavailability at the previous office. For project sites included and based on consumption taken from water invoices.
Homeworking	3	Annual staff survey	Low	Calculations based on generic homeworking emission factors from UK Gov database (DESNZ).
Biogenic carbon	Outside of scopes	Invoices from oil companies	High	Where HVO fuel is used, we have calculated 'outside of scope' emissions to account for the direct CO_2 impact of burning. Biogenic CO2 from HVO combustion is calculated from fuel purchase records and disclosed separately from Scopes 1-3. It is also included in the combined headline figure used.

References

1. Commitment - SME Climate Hub
2. Corporate Standard | GHG Protocol
3. Greenhouse gas reporting: conversion factors 2025 - GOV.UK

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