



Carbon Reduction Plan

Supplier name: Low Carbon Europe Limited

Publication date: 20/02/2026

Commitment to achieving Net Zero

Low Carbon Europe provides building engineering and sustainability services that help organisations reduce energy consumption and meet their Net Zero commitments. As a company, Low Carbon Europe Limited is committed to achieving Net Zero emissions by 2030.

We are dedicated to conducting all business operations in a socially responsible and environmentally sustainable manner. LCE recognises the importance of integrating Corporate Social Responsibility (CSR) principles into our daily practices to ensure we contribute positively to society, the environment, and the wider economy.

Our Corporate Social Responsibility (CSR) Policy outlines our commitments across key areas and is fully embedded within our ISO 9001 (Quality Management) and ISO 14001 (Environmental Management) management systems.

This Carbon Reduction and Net Zero Plan provides the detailed framework through which LCE will mitigate its carbon emissions and deliver on our Net Zero ambition.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

2017 represents the most recent full year of carbon emissions data available and has therefore been adopted as the baseline year for all current and future carbon reduction activities.

Our emissions across Scopes 1, 2, and 3 are independently assured and reported on an annual basis. Between 2017 and 2023, our carbon footprint was assessed by the Planet Mark. Our reporting is aligned with the Greenhouse Gas (GHG) Protocol and is continually being improved to capture all material sources of emissions.

Scope 1 covers direct greenhouse gas emissions from sources owned or controlled by the company, including emissions from the direct consumption of natural gas. Scope 2 covers indirect emissions from purchased electricity. Scope 3 includes other indirect emissions from business activities: currently, these comprise upstream emissions from purchased electricity and transportation of purchased products, waste disposal, business travel and employee commuting.



Homeworking emissions fall outside the minimum reporting boundary under the GHG Protocol and were not included in our 2017 baseline; therefore, we have chosen not to incorporate these emissions within this Carbon Reduction Plan.

Since 2017, we have actively worked to reduce our carbon footprint while continuing to grow as a business. The hybrid working practices adopted during the pandemic enabled us to reassess our operational model, focusing on delivering on-site services only where required and minimising avoidable travel.

As a team of 16 staff, we now operate with our lowest emissions intensity to date, just 0.4 tCO_{2e} per person.



Baseline Emissions

Baseline year emissions: 2017

Emissions	Total (tCO ₂ e)
Scope 1	2.70
Scope 2 (location-based)	0.55
Scope 2 (market-based)	0.55
Scope 3 (included sources)	14.79

Our scope 3 emissions breakdown is as follows:

1. Purchased goods and services	NA
2. Capital goods	NA
3. Fuel and energy related activities	0.05
4. Upstream transportation and distribution	0.03
5. Waste generated in operations	0.01
6. Business travel	14.70
7. Employee commuting	NA ¹
8. Upstream leased assets	NA
9. Downstream transportation and distribution	NA ²
10. Processing of sold products	NA
11. Use of sold products	NA
12. End-of-life treatment of sold products	NA
13. Downstream leased assets	NA
14. Franchises	NA
15. Investments	NA

Total Emissions (location-based)	18.04
Total Emissions (market-based)	18.04

¹ Employee commuting was not yet measured and therefore included in our 2017 baseline.

² Category 9 (downstream transportation and distribution) is not relevant to LCE as we do not produce or sell any physical products to transport/distribute.



Current Emissions Reporting

Reporting year emissions: FY 2024/25

Emissions	Total (tCO ₂ e)
Scope 1	0.66
Scope 2 (location-based)	0.31
Scope 2 (market-based)	0.31
Scope 3 (included sources)	5.41

Our scope 3 emissions breakdown is as follows:

1. Purchased goods and services	NA
2. Capital goods	NA
3. Fuel and energy related activities	0.03
4. Upstream transportation and distribution	0.06 ¹
5. Waste generated in operations	0.04
6. Business travel	5.15
7. Employee commuting	0.14 ²
8. Upstream leased assets	NA
9. Downstream transportation and distribution	NA ³
10. Processing of sold products	NA
11. Use of sold products	NA
12. End-of-life treatment of sold products	NA
13. Downstream leased assets	NA
14. Franchises	NA
15. Investments	NA

Total Emissions (location-based)	6.38
Total carbon footprint per employee (location-based)	0.40
Total Emissions (market-based)	6.38
Total carbon footprint per employee (market-based)	0.40

¹ Estimate based on our supplier spend and a transport share of 5%.

² Estimate based on recorded patterns of office attendance.

³ Category 9 (downstream transportation and distribution) is not relevant to LCE as we do not produce or sell any physical products to transport/distribute.

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

To support progress toward Net Zero, LCE commits to reduce absolute carbon emissions by 76% by 2030 from the 2017 baseline. Based on these targets, total Scope 1, 2, and 3 emissions are projected to decrease to 4.4 tCO₂e by 2030, representing a 31% reduction from FY 2024/25.

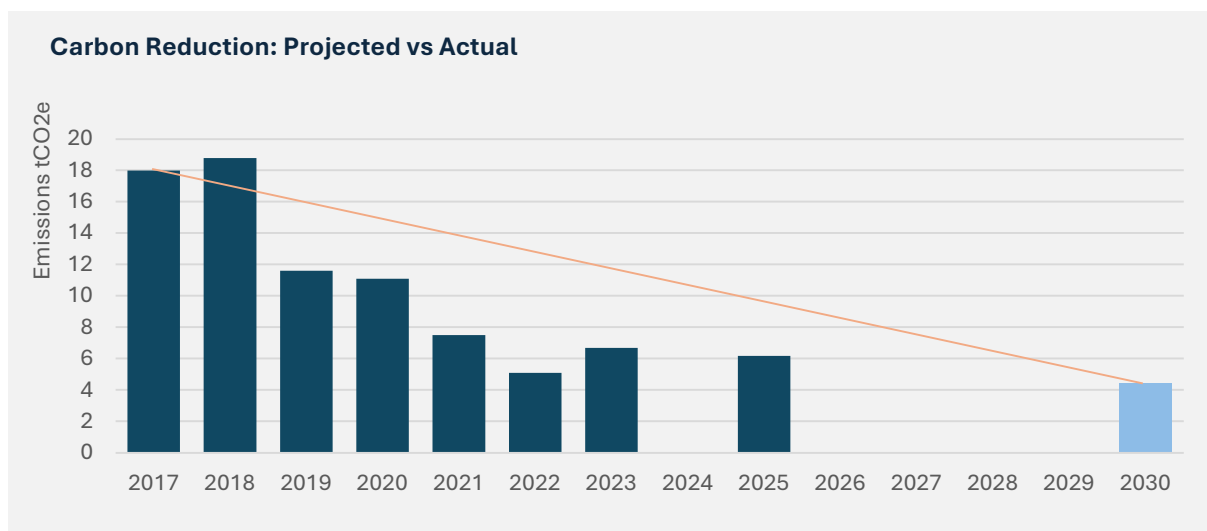
Progress against these targets can be seen in the graph below.

Progress against targets

Our total scope 1 and 2 emissions (location-based) in FY 2024/25 decreased by 5% compared with the previous reported year (2023), due to some energy saving initiatives as detailed in the next section of the report.

We have actively worked to reduce our emissions through the efficient use of IT and other office-based equipment, as well as adopting a hybrid working model that allows more team members to work remotely. Our office is located within a larger multi-tenanted building, where we occupy only two rooms and rely on the main site boiler system for heating. To optimise energy use, we employ Thermostatic Radiator Valves (TRVs) to maintain a comfortable temperature when the office is in use, and switch to frost protection settings overnight and at weekends.

Staff are encouraged, and where feasible choose, to commute by active travel modes such as cycling or walking, rather than by bus. We regularly review each contract to minimise travel where possible, though much of our travel is necessary for on-site work or business development. Rail is used for commuting to our Brighton office where possible, and we aim to increase rail use as car travel decreases. Emissions associated with procurement and suppliers are not currently included within our carbon footprint; further assessment is planned over the next year.



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2017 baseline. The carbon emission reduction achieved by these schemes equate to 11.6 tCO₂e, a 65% reduction against the 2017 baseline and the measures will be in effect when performing the contract.

Implemented carbon reduction projects include:

- Upgraded office to LED lighting
- Reduced single car travel through increasing teleconferencing
- Upgraded IT equipment to more efficient versions including monitors

In the future we hope to implement further measures such as:

- Moving to a less carbon-intensive office from 2026, supported by lower-carbon building operations.
- Increasing recycling across our new office
- Reducing internal staff travel



Declaration and 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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

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:

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Date:

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>