



Carbon Reduction Plan: LGC Limited

Supplier name: LGC Limited
Publication date: October 2023

Overview

LGC Limited is a UK trading entity and indirect subsidiary of LGC Science Corporation Limited (LGC Science Corporation Limited and all its subsidiaries are referred to in this document as the LGC Group).

Commitment to achieving net zero

In November 2021, the LGC Group committed to be carbon net zero by 2050. This covers all business activities within the LGC Group, including those of LGC Limited.

Data within this document is calculated based on financial year ("FY") (1 April – 31 March), unless otherwise stated.

Baseline emissions

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.

Baseline year: FY 2022 (referring to the activities between 1 April 2021 and 31 March 2022)

Additional details relating to the baseline emissions calculations.

LGC Limited (scope 1, 2 and 3) emissions data is reported in line with the Greenhouse Gas Protocol (GHGP) Corporate Accounting and Reporting Standard.

- **Scope 1** emissions are calculated using the GHGP methodology.
- **Scope 2** emissions are calculated using the GHGP market-based methodology.
- **Scope 3** emissions are calculated using an average-data (physical unit) approach in line with the GHGP.

Scope 3: In accordance with PPN 06/21, the following categories are reported as Scope 3 emissions:

- Category 4: Upstream transportation and distribution.
- Category 5: Waste generated in operations.
- Category 6: Business travel.
- Category 7: Employee commuting.
- Category 9: Downstream transportation and distribution.



Baseline year emissions and current reporting year emissions

LGC Limited has historically measured Scope 1 and Scope 2 emissions in the UK, however, there was no prior measurement and reporting of Scope 3 emissions before FY 2022. In November 2021, the LGC Group committed to be carbon net zero by 2050, therefore FY 2022 was chosen as the base year for LGC Limited's Carbon Reduction Plan.

	LGC Limited	
	Baseline year emissions: <u>2022</u> <i>Referring to the activities between 1 Apr 2021 and 31 Mar 2022</i>	Current reporting year: <u>2023</u> <i>Referring to the activities between 1 Apr 2022 and 31 Mar 2023</i>
Scope 1	1,305 tCO ₂ e	1,510 tCO₂e
Scope 2	0 tCO ₂ e	0 tCO₂e
Scope 3		
- Waste generated	141 tCO ₂ e	119 tCO₂e
- Business travel	0.2 tCO ₂ e*	36.2 tCO₂e
- Employee commuting	Not available for baseline year	121 tCO₂e**
- Downstream transport and distribution	495 tCO ₂ e	583 tCO₂e
- Upstream transport and distribution***	Data not available	Data not available
Total emissions	1,941 tCO ₂ e	2,369 tCO₂e

Notes:

* Business travel (1 Apr 2021 – 31 Mar 2022): Limited scope of data available, and limited international travel due to COVID-19 pandemic

** Current year reporting emissions (1 April 2022 – 31 March 2023): Include employee commuting emissions which were not available for baseline year. Note employee commuting data is not currently available for all LGC Limited sites.

*** Upstream transport and distribution data is not currently available, as it is captured in the scope 3 emission data of purchased goods and services.



Emissions reduction targets

The LGC Group has set the following carbon reduction targets (which covers all business activities within the LGC Group, including those of LGC Limited)

- In November 2021, the LGC Group committed to be carbon net zero by 2050.
- In August 2022, the LGC Group set the target that 80% of electricity used is to be generated by renewable sources by 2025 – for further details see [LGC ESG report 2021-22](#)

Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the start of the 2022 baseline FY – relating to **LGC Limited**:

- In December 2022, 158 solar panels were installed at LGC's Bury site. The solar panels will generate up to 50 MWh per year (approximately 11% of the electricity usage at the site) and deliver carbon savings of 11.5 tCO₂e each year.
- The environmental management system at our Twickenham office (the main office for LGC Grant Management Group) and the UK National Measurement Laboratory in Teddington are certified against the ISO 14001 standard. As part of this system, energy meters are read monthly to ensure accurate usage data and to promote energy efficiency.
- From November 2022, a new platform has been introduced for booking business travel – this will provide more accurate data on GHG emissions relating to business travel.

For further details of environmental management measures and projects relating to the LGC Group – see [LGC ESG report 2022-23](#)

Over the next year we intend to implement further measures including:

- Continue environmental awareness training.
- Explore additional opportunities relating to energy efficiency.



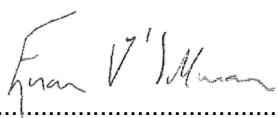
Declaration and Sign Off

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 approved by the board of directors of LGC Limited.


Signed for and on behalf of LGC Limited:

Signed: 

Name: Euan Ralph Herbert O'Sullivan

Position: Director


Date: 9 October 2023

Signed: 

Name: Julian Braybrook

Position: Director

Date: 9 October 2023

Signed: 

Name: Vivid Sehgal

Position: Director

Date: 9 October 2023

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>