

---

# CARBON REDUCTION PLAN

**Supplier name:** Chemonics Group UK Limited ('Chemonics UK')

**Publication Date:** 15/03/2024

## Commitment to Achieving Net Zero Carbon Emissions

**Chemonics UK is committed to achieving net-zero by 2040.**

Chemonics UK sees the escalating climate crisis and related severe stress on natural resources and critical ecosystems, as defining issues for society and an urgent call for action for private and public institutions around the world. Chemonics UK believes that high-quality, environmentally sound international development programming is a critical tool to confront today's environmental and climate crises, and we recognise that our corporate operations and client-funded activities delivering programmes internationally impact the environment and the people whose lives depend on it.

Annual tracking of our carbon emissions for our UK operations is one piece in our ongoing effort to quantify the environmental impact of our global operations and set science-based targets to reduce them. Chemonics UK communicates annual emissions inventories and progress towards net zero on our website, through our membership in the United Nations Global Compact (UNGC), and through CDP disclosure. In line with the U.N.'s universally accepted principles on the environment, Chemonics UK is committed to taking deliberative, concrete actions to protect the natural environment that underpins livelihoods, human health, economic growth, and social development.

## 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.

### **Additional details relating to the Baseline Emissions calculations.**

Chemonics UK's reporting period begins on 1 January and ends on 31 December, in line with the calendar year. Our emissions baseline is calendar year 2020 (1 January to 31 December), as this is the first year the London Office was open and operational. The 2020 emissions baseline was heavily impacted by the COVID-19 pandemic and reflects a reduced operational footprint.

All carbon emissions calculations adhere to The Greenhouse Gas Protocol's Corporate Accounting and Reporting Standard's operational control approach. Chemonics UK measures and reports four of the five categories of Scope 3 emissions detailed in the PPN 06/21 Technical Standard: *Upstream Transportation and Distribution*, *Waste Generated in Operations*, *Business Travel*, and *Employee Commuting*. *Downstream Transportation and Distribution* is not relevant to Chemonics' operations. Where full datasets are unavailable, values have been estimated using extrapolation from available data.

<b>Baseline Year Emissions: 2020 (01/01/2020 to 31/12/2020)</b>		
<b>Emission Scope</b>	<b>Emissions Source</b>	<b>Total (tCO<sub>2e</sub>)</b>
<b>Scope 1</b>	<b>Direct Emissions</b> <b>Explanation:</b> emissions from natural gas consumption at the London Office. Chemonics UK does not own or control fleet vehicles.	30.35
<b>Scope 2</b>	<b>Purchased Electricity</b> <b>Explanation:</b> emissions from electricity consumption at the London Office and flat.	46.91
<b>Scope 3</b>	<b>Upstream Transportation and Distribution</b> <b>Explanation:</b> upstream emissions contribute to < 1% of Chemonics International's GHG footprint and are immaterial to Chemonics UK operations.	N/A
	<b>Waste Generated in Operations</b> <b>Explanation:</b> emissions from waste and wastewater generated at the London Office and flat.	0.33
	<b>Business Travel</b> <b>Explanation:</b> air travel data for all employees registered to Chemonics UK.	82.98
	<b>Employee Commuting</b> <b>Explanation:</b> average figures from the UK National Travel Survey were used to estimate commuting emissions.	6.91
	<b>Downstream Transportation and Distribution</b> <b>Explanation:</b> Chemonics does not transport or distribute sold products.	N/A
<b>Total Emissions</b>		<b>167.49<sup>1</sup></b>

---

<sup>1</sup> The 2020 baseline was recalculated in 2022 to remove Fuel- and Energy-Related Activities, as emissions from the combustion of fuels and electricity was already included in Scope 1 and Scope 2. Additionally, a waste treatment emission factor was applied to wastewater figures, whereas previously a water supply emission factor was used.

## Current Emissions Footprint

Reporting Year: 2023 (01/01/2023 to 31/12/2023)		
Emission Scope	Emissions Source	Total (tCO <sub>2e</sub> )
Scope 1	<b>Direct Emissions</b> <b>Explanation:</b> Emissions from natural gas consumption at the London Office. Chemonics UK does not own or control fleet vehicles. F-gas registers were evaluated and showed no leakage or top-ups.	35.4
Scope 2	<b>Purchased Electricity</b> <b>Explanation:</b> Emissions from electricity consumption at the London Office and flat. Chemonics UK does not purchase heat or steam.	28.8
Scope 3	<b>Upstream Transportation and Distribution<sup>2</sup></b> <b>Explanation:</b> Emissions stemming from the transportation and storage of employee personal goods.	1.4
	<b>Waste Generated in Operations</b> <b>Explanation:</b> Emissions from office waste disposal and wastewater generated at the London Office and flat.	0.2
	<b>Business Travel</b> <b>Explanation:</b> Air travel data for all employees registered to Chemonics UK.	313.4
	<b>Employee Commuting</b> <b>Explanation:</b> An annual commute trip survey is conducted with a proportion of Chemonics UK employees. Results are extrapolated to calculate emissions from all employees who commute to the London Office.	10.2
	<b>Downstream Transportation and Distribution</b> <b>Explanation:</b> Chemonics does not transport or distribute sold products.	N/A
<b>Total Emissions</b>		<b>410.3<sup>3</sup></b>

<sup>2</sup> Data on the transportation and storage of Chemonics UK employees' personal goods was not available for CY2022. These emissions contribute to <1% of Chemonics' GHG footprint and are considered non-material.

<sup>3</sup> The increase in emissions is attributed to the growth of Chemonics UK's operations in CY2023.

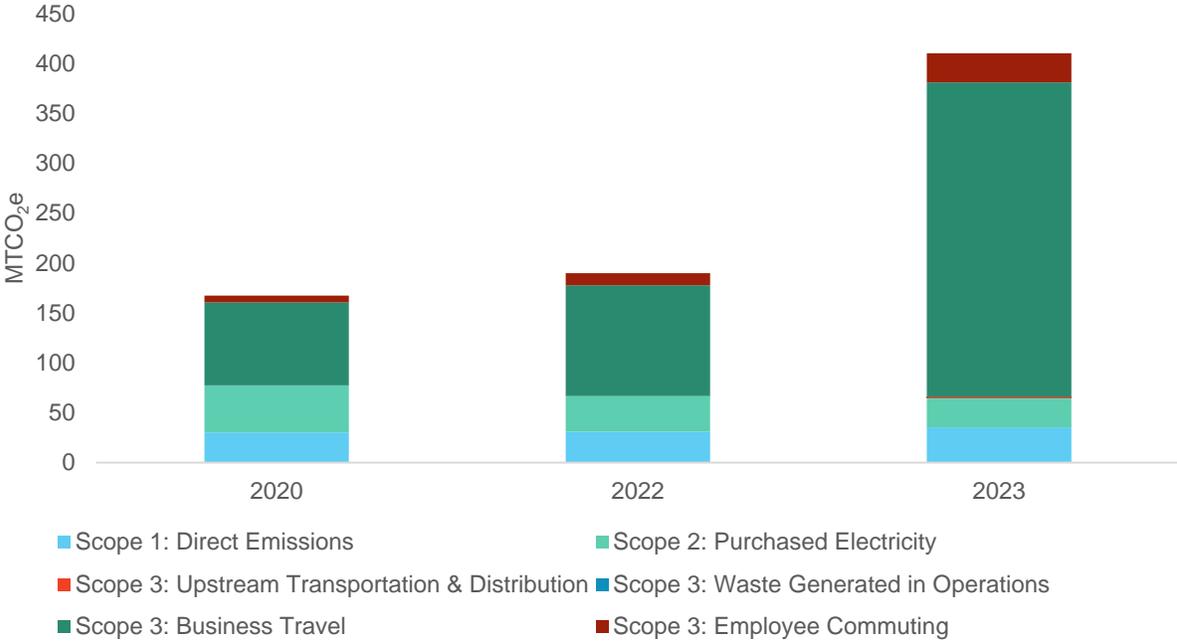
## Emissions Reduction Targets

In 2022, Chemonics International (Chemonics UK’s parent company) accelerated its Net Zero commitment from 2050 to 2040 to reflect the urgency of the climate crisis. The Net Zero target applies to Chemonics UK, which transitioned from a branch office to a subsidiary of Chemonics International on 1 January 2023. To progress to achieving Net Zero, Chemonics UK is committed to year-on-year reductions in our carbon footprint as we move towards Net Zero emissions by 2040.

The chart below shows Chemonics UK emissions for base year 2020 and reporting years 2022 and 2023. In CY2023, Scope 1 and Scope 2 emissions fluctuated—gas consumption increased 14% in 2023 and electricity consumption decreased 20%—but overall emissions from office use remained consistent [66.5 MTCO<sub>2</sub>e in 2022 and 64.2 MTCO<sub>2</sub>e in 2023]. The consistency in emissions was realized despite a growth in Chemonics UK employees and an increased utilization of the Chemonics London office.

The most significant increase in Scope 3 emissions is attributed to an increase in business travel in 2023. This increase can be attributed to a growth in Chemonics UK operations and staff headcount. Approximately 28% of the flights (88.1 MT CO<sub>2</sub>e) are international flights that occurred for Chemonics UK implemented development projects in Yemen, Ukraine, Syria, Mozambique, the western Balkans, and southern Africa.

### ANNUAL GHG EMISSIONS: SCOPE 1, 2 AND 3



## Carbon Reduction Projects

### Completed Carbon Reduction Projects

The following carbon reduction measures and projects have been implemented since the 2020 baseline:

**Office:** Chemonics UK London Office received an 'A' Energy Performance Asset Rating in its Energy Performance Certificate and achieved a Ska Rating of Gold, based on energy efficient HVAC design, waste segregation rates, and the prioritization of ethical and sustainable suppliers. Altering the HVAC and boiler system temperature control within the office from 23°C to 21°C contributed to energy conservation in the building. The office also implemented waste management procedures to reduce Scope 3 waste emissions and developed an energy and water conservation guide for visitors at the guest flat.

**Employee Commuting:** Flexible remote work policies have been introduced that reduce emissions from daily commuting and 60% of employees work a hybrid schedule. When coming to the London Office, employees are encouraged and incentivized to use sustainable modes of transportation to commute to the office. The Cyclescheme allows employees to obtain bicycles and cycling accessories at reduced prices and through a pre-tax salary deduction payment plan. A commute trip survey was introduced to capture data on employee commuting behaviours and to identify barriers to low-carbon commuting.

**Business Travel:** To reduce air travel emissions, Chemonics UK made permanent many of the remote work and remote meeting practices implemented during COVID-19. In addition, we prioritize stacking trips to reduce multiple travel legs, utilizing ground transportation rather than in-country flights, and employing national experts based in the region to reduce long-haul flights. Our travel policy requires booking flights at the lowest economy fare class unless a traveller's physical or medical needs dictate the requirement for extra space over the expected duration.

**Employee Engagement:** In summer 2022, waste audits were conducted with Chemonics UK project offices to understand office-based waste practices and to develop strategies for reducing waste generation. Staff are also provided training on energy-saving strategies, including implementing behavioural changes for energy efficiency.

**Data Quality:** In CY2022, Chemonics UK improved the accuracy of emissions data and implemented new data management processes to improve data quality, completeness, and transparency. We also increased the FTE devoted to corporate sustainability initiatives and carbon reduction efforts.

## Future carbon reduction projects

Chemonics UK is committed to reducing our carbon emissions in line with the current climate science and will do so by continuing current emissions reduction activities and introducing a series of carbon reduction activities related to our Net Zero commitment:

**SBTi:** Chemonics International has committed to setting science-based emissions targets with the Science-Based Target initiative (SBTi) and is developing near- and long-term targets that will define emissions reduction pathways and inform carbon reduction projects.

**Employee Engagement:** We will continue to develop strategies to engage Chemonics UK employees in learning and development courses on climate themes. We will expand our current offerings and partner with internal and external partners to provide high-quality trainings and educational opportunities focused on climate literacy.

**Carbon Reduction Roadmap:** We are committed to developing, publishing, and implementing a decarbonisation strategy aligned with our Net Zero 2040 target that will guide our actions to

realise further emissions reductions. We will evaluate opportunities for energy performance improvements in our office, investigate strategies for switching to lower-carbon and renewable energy sources, identify emissions hotspots to target through employee engagement, policy updates and operational adjustments, and develop strategies for offsetting remaining emissions.

## 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 standard<sup>4</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>5</sup>.

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) Standard<sup>6</sup>.

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:**



**Elizabeth Martin**

Vice President, Programmes

Chemonics Group UK Limited

**Date:** 13 March 2024

---

<sup>4</sup> <https://ghgprotocol.org/corporate-standard>

<sup>5</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>6</sup> <https://ghgprotocol.org/standards/scope-3-standard>