

Carbon Reduction Plan

Supplier name: **BTG Gases Ltd**

Publication date: **May 2026**

Commitment to achieving Net Zero

BTG Gases is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases (GHG) 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: 2024	
Additional Details relating to the Baseline Emissions calculations.	
The 2024 calendar year represented the first carbon footprint assessment undertaken by BTG Gases Ltd. It covered all applicable GHG sources required by PPN 06/21 and was conducted in line with the Greenhouse Gas Protocol Corporate Standard.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	20.4
Scope 2	0.7
Scope 3 (Included Sources)	55.2
Total Emissions	76.1

Current Emissions Reporting

The table below shows the applicable GHG emissions incurred in the current reporting year (CY2025).

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	17.7
Scope 2	0.0
Scope 3 (Included Sources)	51.2
Total Emissions	68.9

Emissions reduction targets

BTG Gases Ltd commits to achieving Net Zero by 2050 for:

- Direct emissions arising from Scope 1 and 2 emissions.
- The following Scope 3 sources:
 - energy well-to-tank
 - upstream transportation and distribution
 - waste
 - business travel
 - staff commuting
 - downstream transportation and distribution, including all the upstream emissions associated with the aforementioned scope 3 sources.

Progress against our 2050 Net Zero target can be seen in **Figure 1** below:

PPN 06/21 Emissions - Carbon reduction target

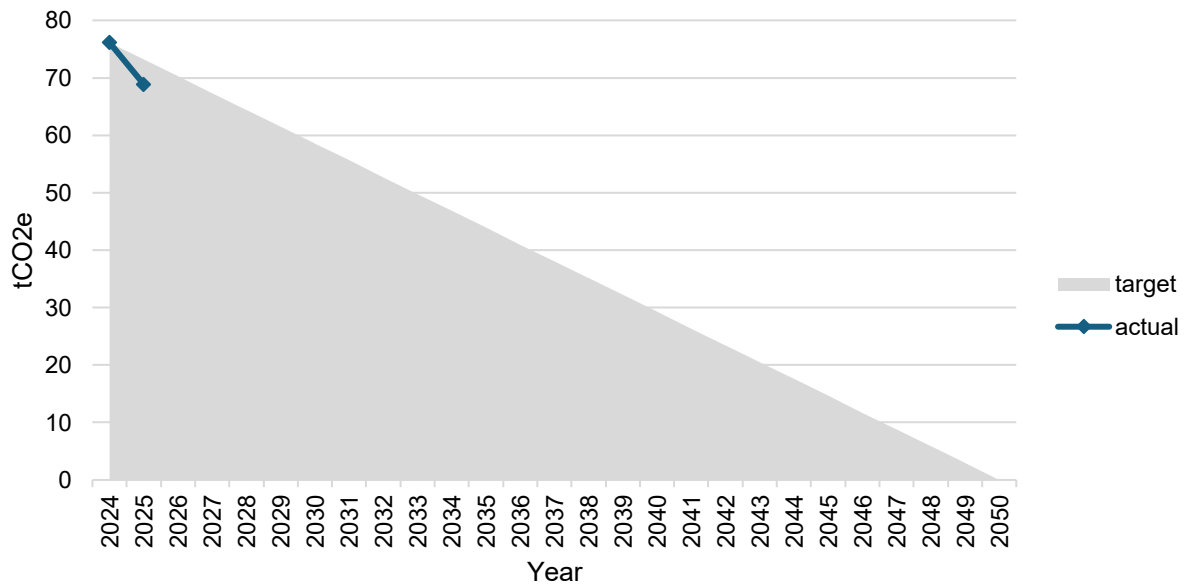


Figure 1: Net Zero reduction target for PPN 06/21

Carbon Reduction Projects

Completed Actions

- **Renewable Energy Procurement:** Transitioned to a 100% renewable electricity tariff.
- **Fleet Upgrade:** Completed the conversion of all company-owned vehicles (COVs) from diesel to plug-in hybrid electric vehicles (PHEVs). This transition commenced in 2020 and was finalised in 2024.
- **Electric Vehicle (EV) Infrastructure:** Installed two EV charging points at the office. All COVs are now charged on-site, each offering a minimum electric range of 35 miles.
- **Lighting Efficiency Improvements:** All office lighting was upgraded to LED fixtures in 2024. Electricity use in the warehouse remains minimal due to ample natural lighting and limited use of machinery.
- **Electric Forklift Optimisation:** New batteries were installed in 2024, enabling charging to be reduced to once every fortnight.
- **GHG Data Management Enhancement:** Improved the efficiency and consistency of data recording and reporting processes in 2025.

Planned and Considered Future Actions

- **GHG Data Management Enhancement:** Intend to improve the efficiency and consistency of data recording and reporting processes.
- **Adoption of Hydrotreated Vegetable Oil (HVO) Fuel:**
 - Initial discussions to commence with distributors regarding a potential switch to HVO fuel.
 - BTG Gases Ltd's parent company recently installed an on-site HVO storage tank with positive outcomes; this option is being explored for BTG Gases Ltd to enable distributor refuelling at their premises.

- **Fleet Electrification Strategy:** Plans are in place to transition the fleet from PHEVs to fully electric vehicles, subject to continued improvements in battery range and charging infrastructure.
- **Business Travel Emissions Reduction:**
 - Domestic air travel is being replaced with train journeys where feasible.
 - For required in-person training, the frequency of travel is being reviewed.
 - For example, combining or extending training sessions to minimise repeated travel.
- **Warehouse Efficiency Improvements:** Considering the installation of LED lighting in the warehouse. While the impact is expected to be modest, it remains a worthwhile upgrade.
- **Premises Relocation:** A move to a more energy-efficient building with a higher Energy Performance Certificate (EPC) rating is anticipated within the next 18 months.

Declaration and Sign-Off

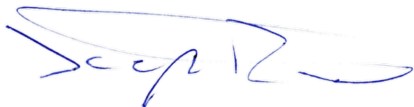
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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: 12/05/2026

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>