



Gas Tech (Wales) Limited

Carbon Reduction Plan

2024 - 2025

Supplier Name	Gas Tech (Wales) Limited
Publication Date	1 st April 2024
Responsible Person	Keiron Wells
Publication Review Date	31 st March 2025
This template uses the GOV.UK PPN 06/21 as its baseline model to ensure it remains in line with tender expectations with applicable Government bodies.	

Commitment to achieving Net Zero

Gas Tech (Wales) Limited is committed to achieving Net Zero emissions by 2030

Baseline Emissions Footprint

<u>Baseline Year</u>	<u>2023</u>
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 Baseline Emissions Calculations	
Gas Tech (Wales) Limited uses the National Grid Definitions of Scope 1,2 and 3 Emissions	
Essentially, scope 1 are those direct emissions that are owned or controlled by a company, whereas scope 2 and 3 indirect emissions are a consequence of the activities of the company but occur from sources not owned or controlled by it.	
Scope 1 emissions cover emissions from sources that an organisation owns or controls directly – for example from burning fuel in our fleet of vehicles (if they're not electrically-powered).	
Scope 2 emissions are emissions that a company causes indirectly and come from where the energy it purchases and uses is produced. For example, the emissions caused when generating the electricity that we use in our buildings would fall into this category.	
Scope 3 emissions encompass emissions that are not produced by the company itself and are not the result of activities from assets owned or controlled by them, but by those that it's indirectly responsible for up and down its value chain. An example of this is when we buy, use and dispose of products from suppliers.	
Scope 3 emissions include all sources not within the scope 1 and 2 boundaries.	
The Calculations were complete on the Business Carbon Calculator Normative	

Baseline Year Emissions			
Emission Source	Scope	Measurement	Location
Fuel Combustion	1	Litres of Fuel	Invoices
Electricity	2	Kilowatt Hours	Utility Bill
Heat	2	Kilowatt Hours	Utility Bill
Business Travel	3	Costs	Receipts / Expenses
Purchased Goods and Services	3	Costs	Receipt / Expenses
Capital goods	3	Costs	Receipt / Expenses
Total Emissions			
Baseline Year Emissions			
Emission Source	Scope	Total (tCO₂e)	
Fuel Combustion	1	89.1	
Electricity	2	2.36	
Heat	2	2.08	
Business Travel	3	1.03	
Purchased Goods and Services	3	15.5	
Capital goods	3	64.9	
Total Emissions		175.0 tCO₂e	

Emissions Reductions Target
In order to continue our progress to achieving Net Zero by 2030, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next five years to 20 tCO₂e by 2029 This is a reduction of 88% The final 20 tCO₂e we plan to implement a Carbon Offset Scheme to allow us to achieve Net Zero.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these schemes equate to XX tCO₂e, a XX % reduction against the 2023 baseline and the measures will be in effect when performing the contract.

Instructions: Briefly provide details of some of your completed carbon reduction projects. This is for information only.

This may include environmental management measures such as certification schemes like ISO14001 or PAS 2060, signing up to SBTi or specific measures you have taken such as; the adoption of LED/PIR lighting controls, changes to policy resulting in a reduction in company travel and flights or the electrification of the company fleet.

<u>Project</u>	<u>Scope 1,2 or 3</u>	<u>Detail</u>
Company Vehicle Renewal – Late 2023 to 2024	1	Vehicles which were over 5 Years old and not euro 6 was upgraded to new vehicles of a minimum euro 6 standard.
Online Meeting platforms	3	We introduced online meetings to reduce travel.
Supplier Lists - 2024	3	Our Procurement of suppliers was reviewed to increase numbers of local suppliers to reduce traveling of deliveries and the use of local manufacturing. Both to reduce carbon footprint but also to assist the local supply chain.
LED Lighting Upgrade / Electronic Update- 2024	2	Recently completed upgrade to office lighting and Electronics at the company HQ.

Future Carbon Reduction Initiatives

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

Project	Scope 1,2 or 3	Detail	Target Date
Heating Upgrade	2	Replace Gas Fired Heating system with an Air Source Heating System.	2025
Solar PV & Battery Storage	2	Install Solar PV and Battery Storage to company HQ	2025
Software Suppliers	3	Review Software Suppliers to Choose a sustainable supplier's	2025
Vehicle Upgrades	1	Review of company vehicles and available replacements, review if Electrified Vehicles would work with company business plan	2025 Yearly Review
Renew HQ	2 & 3	Build new company HQ which is fully sustainable for company growth and to reduce ongoing carbon footprint with building materials being sustainable and providing future reductions of CO2e.	2027
Carbon Offset	1,2 & 3	We plan to implement the use of Carbon Offset Schemes to achieve Net Zero, with this purchase allows for us to contribute to renewable energy and forest projects that absorb CO2 from the Atmosphere	2027

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 1 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed By:	<i>Keiron Wells</i>
Name:	Keiron Wells
Title:	Director
Date:	01/04/2024