

18th October 2021

**Qualifying Explanatory Statement in support of PAS 2060:2014
Certification provided by Go Green Experts Ltd**



Introduction

This document forms the Qualifying Explanatory Statement to demonstrate Gaiger Brothers Ltd has achieved carbon neutrality under the guidelines of PAS 2060:2014 and is committed to achieving carbon neutrality under the guidelines of PAS 2060:2014.

PAS 2060 Information Requirement	Information as it relates to Gaiger Brothers Ltd
Entity making PAS 2060 declaration:	Gaiger Brothers Ltd.
Subject of PAS 2060 declaration:	The facilities and business operated by Gaiger Brothers Ltd.
Description of Subject:	Gaiger Brothers Ltd are experienced building contractors & property developers based in Devizes, Wiltshire, U.K. They specialise in the construction of high quality residential and commercial buildings throughout Wiltshire and surrounding counties. They have a wealth of experience in all facets of construction, from small building jobs and house renovations, through to the delivery of large scale residential and commercial building projects.
Rationale for selection of the subject:	The scope and subject of this PAS 2060 includes all emissions based on the operational control principle defined in the 2014 WRI GHG Protocol – Corporate Accounting Standard.
What type of conformity assessment has been/is to be undertaken?	Third party assessment by Go Green Experts Ltd
Baseline date for PAS 2060 programme	1 June 2020 to 31 May 2021
Achievement Period	1 June 2020 to 31 May 2021
Commitment Period	1 June 2021 to 31 May 2023

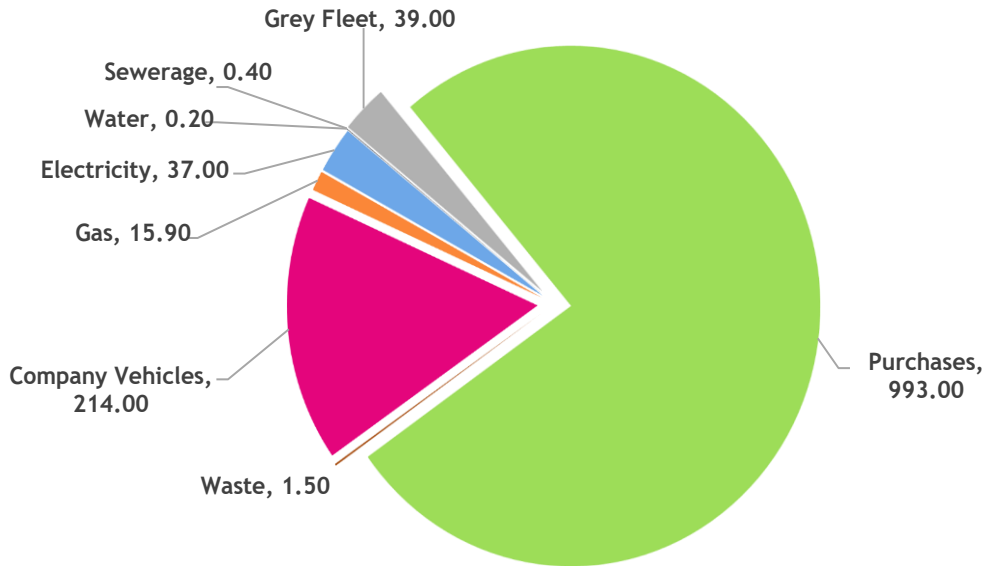
This Qualifying Explanatory Statement contains information pertaining to the subject’s carbon neutrality. Any and all information herein is believed to be correct at the time of publishing. Should any information come to light that would affect the validity of the statements herein, this document will be updated to accurately reflect the current status of any carbon neutral statement made by Gaiger Brothers Ltd.

Declaration of achievement of carbon neutrality

PAS 2060 Information Requirement		Information as it relates to Gaiger Brothers Ltd		
State the period during which the entity is demonstrating achievement of carbon neutrality of the subject.		Application period: Total: 1,301 tonnes CO₂e		
Which method, as defined by PAS 2060, has been followed to achieve carbon neutrality?		Method 1: Demonstrating carbon neutrality		
How have the reductions in GHG emissions during this period been achieved?		As this is the baseline period measured in retrospect then 100% of the emissions have been offset		
Location of the GHG emissions report supporting this claim.		Appendix A of this document		
Location of the details describing internal reductions achieved during the period.		Appendix B of this document		
Location of the details describing the carbon offsets.		Appendix C of this document		
Location of the description of treatment of scope 3 emissions.		Appendix D of this document		
Signatories	Name	Title	Signature	Date
Name of 3 rd Party part assessor	Dominic Lavelle	Managing Director – Go Green Experts Ltd		18 th October 2021
Name of senior internal representative	Sam Gaiger	Director – Gaiger Brothers Ltd		19 th October 2021

Appendix A – Carbon Footprint Assessment

Greenhouse gas emissions for the period 1 June 2020 to 31 May 2021:



GAIGER BROTHERS

Carbon Emissions

1,301.00

Tonnes CO₂e

<u>Aspect</u>	<u>Tonnes CO₂</u>	<u>Scope</u>
Company Vehicles	214.00	Scope 1
Gas	15.90	Scope 2
Electricity	37.00	Scope 3
Water	0.20	Scope 3
Sewerage	0.40	Scope 3
Grey Fleet	39.00	Scope 2
Purchases	993.00	Scope 3
Waste	1.50	Scope 3

Carbon Profile
Footprint structure

Standard and methodology used

Gaiger Brothers Ltd Greenhouse Gas (GHG) Emissions are categorised as Scope 1, 2 or 3 as referred to in the WBCSD-WRI Greenhouse Gas Protocol emissions in carbon dioxide equivalent (CO₂e). Scopes 1 and 2 are calculated using the conversion factors listed in the 2020 BEIS Greenhouse Gas Conversion Factors.

Data Quality/Confidence

Go Green Experts Ltd has carried out a review of the following data sets submitted by Gaiger Brothers Ltd;

1. Energy and utilities used at the Devizes site.
 2. Transport Mileage.
 3. Waste recovery and recycling data.
 4. Significant purchases.
- A walkaround of the facility was also conducted to identify potential energy efficiency opportunities.

Gaiger Brothers Ltd provide consultation, conceptualisation, architectural design, planning consultancy or project build.

Go Green Experts have examined the business data and prepared an assessment of the carbon footprint on scope 1, scope 2 plus significant scope 3 emissions. The assessment has considered emissions from the day-to-day operations of the company.

These data sets allowed Go Green Experts Ltd to produce a carbon footprint for Scope 1 & 2 emissions plus significant Scope 3 emissions.

Supporting documentation was also made available by Gaiger Brothers Ltd. This is the first time Gaiger Brothers Ltd has undertaken a carbon foot printing exercise. The ongoing plan to reduce emissions over the commitment period includes initiatives to allow Gaiger Brothers Ltd to capture more data for future carbon foot printing reporting and management.

For example, there are considerable scope 3 emissions for purchased materials which are outside the company's direct control but can be influenced by the company. Further assessment of waste recycling can be completed as part of Gaiger Brothers Ltd 's 12-month plan during the commitment period.

Appendix B – Carbon Footprint Management Plan

Historical Emission Reduction Progress for the Previous Period

None, as this is the baseline period.

Ongoing Emissions Reduction Plan – For the PAS 2060 Commitment Period

The ongoing plan to reduce emissions over the commitment period is summarised below:

Category	Initiative	Description	Oct 2021 to June 2022	H2 2022	Jan to May 2023
1. Office infrastructure	Aircon system	Individuals can set to their own requirements Review the impact, conduct a staff survey. Are the systems checked at evenings and weekends? Are the systems checked when offices are not occupied? Add checks to a daily & weekly checklist.	★		
	Lighting	Conference room lighting currently has no PIR controls. Lighting in corridors and communal areas also need to be considered. Review lighting controls throughout the offices and workshops, and add controls where required. Consider installing metering to pinpoint areas to target.	★		
	Office equipment	Computers and copiers are currently left on standby. Review the equipment energy consumption, ensure equipment is set to optimum efficiency, consider consumption as a criterion for future purchases, consider what printing is required.		★	
	Electricity & gas	Energy consumption could be measured more accurately. Keep accurate records of the electricity consumption. Consider installing meters to record night and weekend consumption.	★		

Category	Initiative	Description	Oct 2021 to June 2022	H2 2022	Jan to May 2023
1. Office infrastructure (Continued)	Energy Suppliers	Review Green Energy Tariffs in the market. Work with Go Green Experts to move to a "top 3" "green" Supplier	★		
	IT	There is currently a large volume of Emails and cloud working / virtual teams chats which creates a material footprint. Undertake a count on e-mail and review the requirement for a large number of emails. Consider periodically deleting emails with large attachments. Consider using MS Teams chat functionality more than email.		★	
	Space heating and cooling	Energy consumption could be measured more accurately. Review the efficiency of the building, draughts, insulation levels, boiler efficiency/ running times.		★	
	Server energy consumption	Server energy consumption is not measured. Review the energy consumption of the server, consider sub-metering and obtaining consumption data from the supplier or maintenance team.			★
	PV system	Can battery storage be used to power overnight usage? Monitor the PV system and night-time electricity consumption. Review the options for battery storage to feed overnight consumption			★

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PAS 2060: 2014 Specification for the demonstration of carbon neutrality

Category	Initiative	Description	Oct 2021 to June 2022	H2 2022	Jan to May 2023
2. Workshops & Yard	Electricity consumption	Monitor energy consumption more accurately. Keep accurate records of the electricity consumption, take regular weekly meter readings. Consider installing meters to record night and weekend consumption	★		
		Workshop machinery	Energy consumption is not measured. Measure the consumption of machinery. Consider energy consumption as well as operational requirements when replacing equipment.		★
	Workshop heating	Review workshop heating controls and settings. Consider stratification units to improve air circulation (H & S risk assessment would need to be completed) Consider localised workstation heating.		★	
		Waste	Check that the skips are full when they are removed. Ensure a full waste audit is completed (there is already a basic waste audit in place)		★

Category	Initiative	Description	Oct 2021 to June 2022	H2 2022	Jan to May 2023
3. Vehicles	Short to medium-term options	Review the current fleet performance. Open discussions with Tim Watts of The Fleet Department. Strategy for the gradual replacement of all vehicles.	★		
	Longer-term options	Driver training. Review Fleet Department report		★	
4. Plant & Equipment	Short- medium-term options	Review the current plant fuel consumption performance. Consider efficiency as part of the procurement/ hire process.	★		
	Longer-term options	Strategy for the gradual replacement of all plant owned by the company. Consider efficiency as part of the procurement/ hire process			★
5. Engage employees	Engage Employees in energy & environmental management	Raise awareness and consult with employees and other interested parties regarding carbon footprint and key items they can influence such as energy consumption Appoint 'Green Champions'.		★	
6. Scope 3 purchases for operations	Pilot studies of live projects	Can data be gathered from tender summary documents, material procurement registers, survey documents, estimate and tendering docs and material schedules?		★	

Conformance to the Carbon Footprint Management Plan


The following measures will be followed to assess performance against the plan.

A quarterly progress update session will be held between Go Green Experts Ltd and Gaiger Brothers Ltd during the commitment period to ensure that Gaiger Brothers Ltd is on track to lower emissions materially during the commitment period.

Appendix C – Carbon Offset Strategy

The following information covers the offset strategy for the period of carbon neutrality.

Quantity of GHG emissions to be offset: 1,301 tonnes CO₂e

<p>Carbon offset strategy</p>	<p>Go Green Experts Ltd have provided Gaiger Brothers Ltd with Carbon Credits equating to 1,301.0 tCO₂e to offset their carbon emissions for the achievement period.</p> <p>The specific projects invested in are Cleaner and Safer Stoves in Malawi and 22.5 MW Wind Powered Project in Rajasthan India.</p> <p>The project meets the REDD+ international framework and meets the following standards:</p> <p>✓ Gold Standard</p> <p>https://gsf-fulfill-order-production.herokuapp.com/retirement_certificates/9dd116ba-fe7a-43d9-982a-8fb571bbc74f</p> <div data-bbox="331 880 1506 1809" style="border: 1px solid #ccc; padding: 10px; text-align: center;">  <p><i>We are delighted to confirm the retirement of</i> 1301 Verified Emission Reductions (VERs) <i>for</i> Gaiger Brothers Ltd <i>on 30/09/2021</i></p> <p>Cleaner and Safer Stoves in Malawi - (651x) 22.5 MW Wind Power Project in Rajasthan, India - (650x)</p> <p><i>These credits have been retired, saving 1301 tonnes of CO₂ emissions from being released into the atmosphere.</i> <i>Thank you for investing in a safer climate and more sustainable world.</i></p> <p>Order number: GSM8267</p> <p>Gold Standard</p> <p><small>Retirement certificates are hosted on the Gold Standard Impact Registry. view your certificate.</small></p> <p><small>Gold Standard Chemin de Balxert 7-9 1219 Châtellaine, International Environment House 2, Switzerland goldstandard.org +41 22 788 70 80, help@goldstandard.org</small></p> </div>
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- In total, 1,301 carbon credits relating to the period were retired.
- 100% of these carbon credits were Gold Standard and verified on the Gold Standard register.

Appendix D – Scope 3 Emissions

In preparing the organisational GHG inventory for the purpose of carbon neutrality Go Green Experts Ltd worked with Gaiger Brothers Ltd to adopt a traditional organisational boundary that includes all scope 1, 2 and a number of scope 3 emission sources. The scope 3 emissions included are those that Gaiger Brothers Ltd has the greatest level of control over, such as emissions arising from purchasing materials.

PAS 2060 recommends including all scope 3 emission sources that are technically feasible and cost effective to quantify, which for Gaiger Brothers Ltd means embedded emissions from purchased materials.

By their nature scope 3 emissions are modelled or estimates.