

Glendale Managed Services Ltd



**PAS 2060:2014 Specification for the
Demonstration of Carbon Neutrality**

**Qualifying Explanatory Statement
2021**

**PAS 2016:2014
Other Party Validation**

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Introduction


This document forms the Qualifying Explanatory Statement that demonstrates Glendale Managed Services Ltd's achievement of carbon neutrality for the period, which includes evidence substantiating the declaration under PAS 2060:2014, Other party validation.

PAS 2060 Requirement	Information as it relates to Glendale
Entity making PAS 2060 declaration:	Glendale Managed Services Ltd (including its subsidiaries Glendale Countryside Ltd and Glendale Grounds Management Ltd) hereafter referred to as Glendale.
Subject of PAS 2060 declaration:	Glendale's sites and operations including Head Office, operational depots and operational activities for which Glendale has control of fuel and energy consumption, as well as business travel (including company cars, commercial vans/trucks and business travel in privately owned cars)
Description of Subject:	Glendale is a privately owned Grounds maintenance company which offers an all-encompassing green space management service at a national and local level.
Rationale for selection of the subject:	The scope and subject of this PAS2060 QES includes all emissions based on the operational control principle defined in the WBCSD/WRI GHG Protocol – A Corporate Accounting and Reporting Standard (Revised Edition, March 2004). Glendale has measured the footprint for the entire organisation, to develop company wide, effective reduction objectives and to establish a credible baseline.
Type of conformity assessment	Other Party Validation
Baseline date for PAS 2060 programme:	1st January 2021 - 31st December 2021 ¹
Achievement period	1 st January 2021 - 31 st December 2021
Commitment period	1 st January 2022 - 31 st December 2022
Individuals responsible for evaluation and provision of data necessary for declaration:	Rebecca Jackson - Purchasing Manager Stuart Darbyshire - Commercial Director Nicholas Darwell - Systems Development Manager


¹ Base year chosen as an accurate representation of the company's normal carbon footprint - 2020 was irregular due to global pandemic, we feel that 2021 is a more accurate representation of our business.

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 issue. 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 Glendale.

Section 2: Declaration of Achievement of Carbon Neutrality

PAS 2060 Requirement	Glendale Response
Declaration of achievement:	Carbon Neutrality of Glendale Managed Services Ltd was achieved in accordance with PAS 2060 at 12 April 2022 for the period 1st January 2021 to 31st December 2021. This was validated by Be Sustainable Limited on 13 April 2022 declared.
Recorded carbon footprint of the subject during the period stated above	4,438 tCO _{2e}
Which PAS 2060 recognised methodology has been followed to achieve Carbon neutrality?	WBCSD/WRI GHG Protocol – A Corporate Accounting and Reporting Standard (Revised Edition, March 2004).
Carbon footprint reduction target for period	N/A - First application and validation
Location of GHG emissions report supporting this claim:	Section 4
Location of the Carbon Footprint Management Plan:	Section 5
Location of the details describing the carbon offsets:	Section 5
Location of the details describing internal reductions achieved	N/A - First application and validation
Name of Senior Representative	Alex Paterson Managing Director
Senior Representative Signature:	 12 April 2022

Section 3: Declaration of Commitment to Carbon Neutrality

PAS 2060 Requirement	Glendale Response
Period during which the entity commits to maintaining carbon neutrality of the subject	1 st January 2022 – 31 st December 2022
Chosen method, as recognised by PAS 2060, to be followed to achieve Carbon neutrality	WBCSD/WRI GHG Protocol – A Corporate Accounting and Reporting Standard (Revised Edition, March 2004).
Prior commitment to carbon neutrality made by entity	N/A, First application period.
Carbon footprint of the subject for historic reductions period (immediately prior to the start of the commitment)	4,438 tCO _{2e}
Location of GHG emissions report supporting this claim	Section 4
Location of the Carbon Footprint Management Plan	Section 5
Name of Senior Representative	Alex Paterson Managing Director
Senior Representative Signature:	 12 April 2022

Section 4: Greenhouse Gas (GHG) Emissions Report

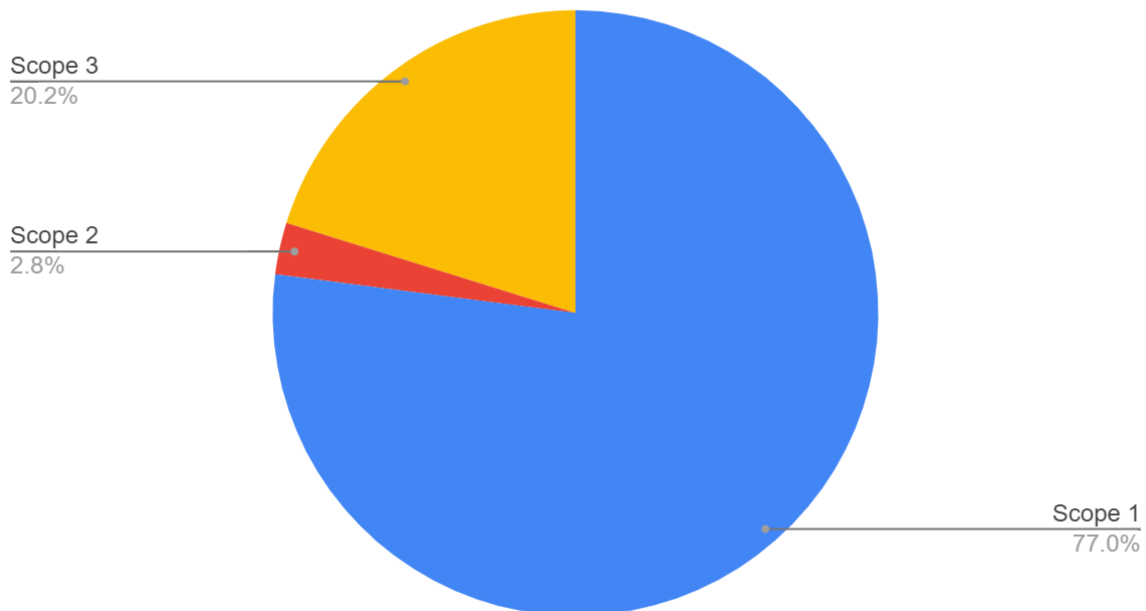
Guidance: PAS 2060 requires every individual/organisation to provide an appropriate carbon footprint breakdown by scope in their Qualifying Explanatory Statement (QES). This scope has been calculated in accordance with the Greenhouse Gas Protocol guidelines. The organisational footprint breakdown covers 100% of Glendale's scope 1 and 2 emissions. Scope 2 emissions are calculated using the location based methodology. Scope 3 emissions are also included, where feasible. If excluded, an explanation is provided below. The relevant conversion factors applied are taken from the DEFRA/BEIS UK Government GHG Factors for Company Reporting (June 2021).

Baseline Year 2021

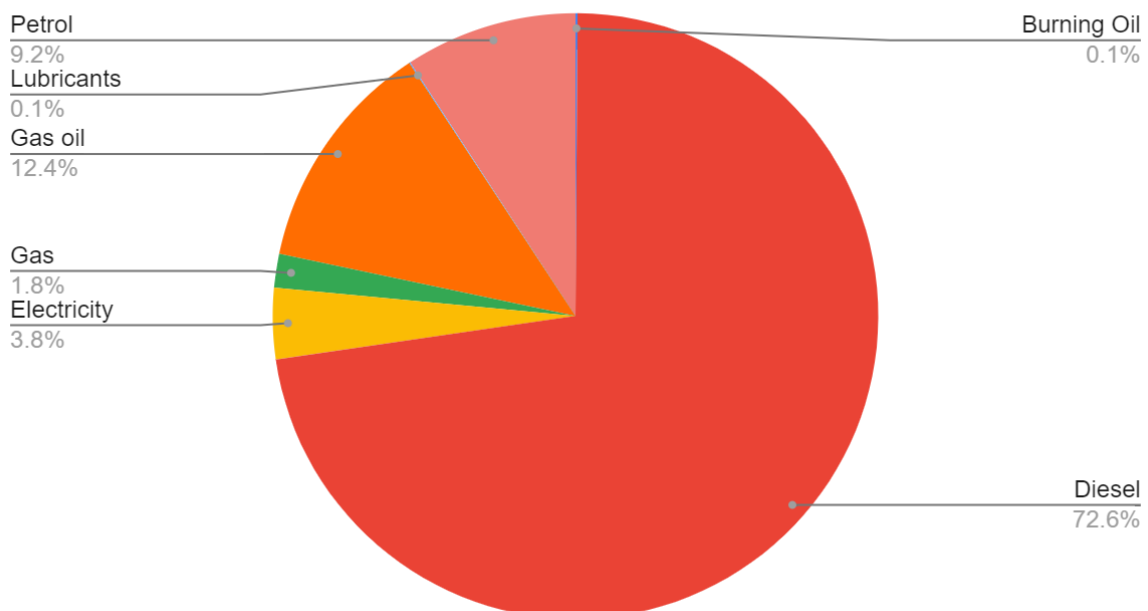
Emission Scope	Description	2021 Emissions (tCO ₂ e)
Scope 1 (mandatory):	Direct emissions from company cars, vans and fuel combustion (gas and site diesel)	3419.18
Scope 2 (mandatory):	Indirect emissions from consumption of electricity	122.55
Scope 3 (optional):	Other indirect emissions from business travel including transmission & distribution losses (from scope 2 electricity consumption) and WTT emissions from fuels and electricity	896.11
Total		4437.83

Pie chart – GHG Emissions by Scope (Yr 2021)

Emissions by Scope



Emissions by Fuel Type (all scopes)



Key Assumptions

Description	Assumptions
Fuel Card Data - provided by -supplier	Includes white diesel, petrol, LPG, red diesel & lubricants all of which are included in the source data. LPG, red diesel and lubricants are unusual forecourt purchases but have been included as per the source data for transparency purposes. Included both Scope 1 (combustion) and Scope 3 well to tank (WTT) for all fuel card transactions.
Bulk Fuel purchase data - provided by supplier	Includes white diesel, red diesel, kerosene & lubricants all of which are included in the source data. Lubricants purchases have been included as per the source data for transparency purposes. Included both Scope 1 (combustion) and Scope 3 (WTT) for all bulk fuel transactions.
Mileage Data - source data relating to business mileage for both company and personal vehicles (employee mileage claims provided by our finance department)	For company cars (Scope 1) the exact car size (based on engine size) and fuel type was used to decide the conversion factor. For personal cars (Scope 3) we used 'average' car size as this was unknown but we used the exact fuel type to decide the conversion factor. Also included Scope 3 (WTT) for all business mileage. Company electric vehicle emissions calculated using the UK Electricity for EVs (Scope 2) and UK electricity T&D for EVs (Scope 3) Note: Train and air travel is excluded as we do not use these modes for business.
Utilities Data - taken from utility invoices collated by energy broker	Electricity - included Scope 2 (generation), Scope 3 (T&D- UK electricity), Scope 3 (WTT- UK electricity (generation) & Scope 3 (WTT- UK electricity (T&D)). Natural Gas - included both Scope 1 (combustion) and Scope 3 (WTT). For Glendale Head Office (Stables) we have removed 50% of the gas / elect. usage as we share the building with another business. Some client sites not billed directly, however we have estimated usage based on floor area and activity.
Other	Other aspects of Scope 3 emissions have been excluded as they are deemed non material to our organisation. Glendale's own waste generation has not been included in the totals as it is estimated to be less than 1% of the total. All collected waste is the clients', including green waste and litter. Water consumption has not been included in the totals as it is estimated to be less than 1% of the total Home working has also not been considered as a factor as it has not been applicable to the majority of employees (only head office staff have been able to work from home and this makes up a very small percentage of our overall workforce).

Data Quality

Confidence in the quality of the data supporting this GHG assessment is high. Glendale source the majority of the data directly from suppliers, has developed an inhouse Carbon Report and dashboard for monitoring and reporting this information on a regular basis. This data has been verified by Be Sustainable Limited.

It is believed that all carbon emissions are accounted for across the defined scope (see above) and boundary, the majority of which are based directly on utility bills/metering readings, and miles completed or derived from fuel consumed.

Section 5: Carbon Footprint Management Plan

Statement of commitment to carbon neutrality for the defined subject:

Glendale commits to maintain carbon neutrality for the organisation in accordance with PAS 2060 for the period commencing on 1st January 2022 declared.

An ISO 14001 certified environmental management system has been in place for operational and head office activities since 2003 in which objectives are set to reduce waste, energy and carbon emissions. This Carbon Management Plan (CMP) outlines Glendale's approach to carbon reduction for the period January 2022 - December 2022, whilst also outlining the strategy to meet longer-term targets. Glendale recognises the importance of adopting a long-term view on carbon management as some reductions can only be achieved by taking advantage of new opportunities as low emission technology and machinery becomes more widely available and reliable.

The Carbon Management Plan with targets for Carbon reduction up to 2027 is outlined below.

Targets (measured against the 2021 baseline figures) for GHG reduction for the defined subject appropriate to the timescale for achieving carbon neutrality:

- **Goal 1:** Reduce Scope 1 emissions through continued electrification of fossil fuelled vehicles and machinery (20% by 2025)
- **Goal 2:** Glendale will reduce Scope 2 carbon emissions by 100% by 2022 from baseline via the procurement of solely green energy
- **Goal 3:** Glendale will reduce Business travel by 10% per year from the 2021 baseline to 2027.

Planned means of achieving and maintaining GHG emissions reduction including assumptions made and any justification of the techniques and measures to be employed to reduce GHG emissions:

Goal	Actions	Target Date
Goal 1	All new company cars to now be hybrid/electric All new pedestrian machinery to be battery powered. Move commercial vehicles as and when viable technology becomes available - starting with small vans. Development of a routing App (Route Alpha) to allow for more efficient journey planning.	End of 2024 End of 2025 Ongoing End of 2022
Goal 2	Switch all property to green energy: Energy brokers have switched to green tariffs for all property on renewal date at the end of 2021	End of 2022
Goal 3	More video conferencing etc. to reduce business mileage: Covid Pandemic and enforced lockdowns have highlighted that more can be done remotely than previously thought. Regional and national meetings can now be held via video conference, reducing the need for long journeys	Ongoing

The offset strategy to be adopted to meet the achievement of the carbon neutrality element of PAS 2060 includes:

- Carbon to offset - **4,438 tCO₂e**
- Offsets to balance the verified carbon footprint. Offsets purchased via the [United Nations Carbon offset platform](#)
- Project selected: Qinghai Maqin Gequ Level 2 Hydropower Station (Project 7507)
- The Certified Emission Reductions (CERs) offered on this platform are recorded and tracked in the Clean Development Mechanism (CDM) registry operated by the UN Climate Change secretariat. Voluntary cancellation, also referred to as cancellation, is the process in the CDM registry by which CERs are taken out of circulation, preventing any further use.
- Credits purchased for the year 2021: **4,438**

Statement on the fact that PAS 2060 other party validation has been provided by a third-party verifier:

Glendale's GHG Footprint, QES and proof of purchase of credits as stated above has been verified by Be Sustainable Limited in accordance with the requirements of PAS 2060.

Carbon Neutrality of Glendale Managed Services Ltd was achieved in accordance with PAS2060 at 12 April 2022 for the period 1st January 2021 to 31st December 2021. This was validated by Be Sustainable Limited on 13 April 2022 declared.

We will present progress against our target in our annual report. In order to properly report our emission reduction progress as the company grows, we will also report our carbon footprint as an intensity ratio against our annual turnover. In addition, we will continue to report on the impact of our other main sources of emissions and implement targets to improve as part of our ISO14001 certification.