



# ENVIRONMENTAL PRODUCTS AND SERVICES QUALIFYING EXPLANATORY STATEMENT

In support of PAS 2060:2014 Third Party Verification

Feb/2025

## Contents

1. Introduction .....	2
2. General Information .....	3
3. Declaration of Achievement of Carbon Neutrality .....	5
4. Declaration of On-going Commitment to Carbon Neutrality.....	6
Appendix A - Carbon Footprint Assessment .....	7
Appendix B - Carbon Management Plan.....	11
Appendix C - Offsets .....	12
Appendix D - Scope 3 Emissions.....	13

## 1. Introduction

Environmental Products and Services Ltd (EPAS Ltd) is a manufacturing company based in Newry, NI with a site in Stockport, GB. The company has extensive experience in oil/ water separation technology and is the manufacturer of the award-winning GreaseShield grease trap brand.

EPAS Ltd's mission is to protect the environment by providing sustainable and environmental solutions for our clients. We work to make a long-term positive impact in the communities where we work and live, demonstrating our commitment to corporate social responsibility.

This document forms the PAS 2060 Qualifying Explanatory Statement to demonstrate that **EPAS Ltd** is committed to being carbon neutral in line with PAS 2060:2014 reporting requirements.

This report deals with Scope 1, Scope 2 and Scope 3 Greenhouse Gas (GHG) emissions for the operational sites at Carnbane Industrial Estate, Newry & Whitehill Industrial Estate, Stockport. Scope 3 emissions include, purchased goods, fuel and energy related activities, upstream and downstream transportation and distribution, waste generated in operations, business travel and use of product.

The purpose of the report is to communicate the GHG emissions for the calendar year 2023 and use this as the baseline against which progress will be measured and reported annually. This year has been chosen as the most recent year for which energy consumption data is available.


## 2. General Information

<b>PAS 2060 Information Requirement</b>	<b>Information as it relates to EPAS</b>
<b>Entity making PAS 2060 declaration</b>	Environmental Products and Services Ltd Office and Manufacturing facilities located in Newry and Manchester.
<b>Subject of PAS 2060 declaration</b>	This QES covers the company operations based at the main office in Newry, Northern Ireland and the GB office in Manchester, including office, manufacturing facilities at these locations and laboratories at the Newry Site. Included are the Scope 1, Scope 2 & Scope 3 GHG emissions. For Scope 3, this includes Purchased Goods and Services, Fuel & Energy-related activities not in Scope 1 or 2, Upstream & Downstream Transportation and Distribution, Waste Generated in Operations, Business Travel and Use of Sold Products.
<b>Description of Subject</b>	EPAS is a privately owned environmental engineering business involved in the manufacture, sale and maintenance of grease traps, R&D, the sampling & analysing of effluent discharges from commercial kitchens; and conducting operational assessments of grease management devices and processes.
<b>Rationale for selection of the subject</b>	<p>EPAS is committed to environmental excellence and to improving the sustainability of our products and services. As such, we have selected our NI and GB operations to enable the carbon footprint of our whole UK operations to be calculated, quantified and verified in order to provide a baseline for future carbon management plans to drive year on year improvements.</p> <p>The scope and subject of this PAS2060 includes all emissions based on the operational control principle defined in WBCSD/WRI Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard (Revised Edition, March 2004).</p>


PAS 2060 Information Requirement	Information as it relates to EPAS
<b>What type of conformity assessment has been undertaken?</b>	Independent 3rd party certification – Atlas Certification Limited
<b>Baseline date for PAS 2060 programme</b>	01/01/2023 – 31/12/2023
<b>Achievement period</b>	01/01/2023 – 31/12/2023
<b>Commitment Period</b>	01/01/2024 – 31/12/2024
<b>Individuals responsible for evaluation and provision of data necessary for declaration</b>	Jim O’Neill, Niamh McConville, Harish Padmanabhun, Tarun Yadav, Reuben Binoy Mathew & Laharika Bowinpally

This Qualifying Explanatory Statement will be publicly available. 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 EPAS Ltd.

## 3. Declaration of Achievement of Carbon Neutrality

<b>Declaration of Achievement</b>	Carbon Neutrality of Environmental Products and Services Ltd was achieved in accordance with PAS2060 at 30 <sup>th</sup> January 2025 for the period 1 <sup>st</sup> January 2023 to 31 <sup>st</sup> December 2023. This was validated by Atlas Certification Limited on 11 <sup>th</sup> February 2025 certified.
<b>State the period during which the entity is demonstrating achievement of carbon neutrality of the subject</b>	01/01/2023 to 31/12/2023 (Application period 1)
<b>Recorded carbon footprint of the subject during the period stated above</b>	Total: <b>1,223 tCO<sub>2</sub>e</b>
<b>How have the reductions in GHG emissions during this period been achieved?</b>	N/A - Reductions in GHG emissions have not yet been considered as this is the first year and the establishment of the baseline.
<b>Location of GHG emissions report supporting this claim</b>	Appendix A
<b>Location of Carbon Footprint Management Plan</b>	Appendix B
<b>Location of details describing the carbon offsets</b>	Appendix C
<b>Location of the details describing internal reductions achieved (re-verification only)</b>	N/A - First verification
<b>Name of senior representative</b>	Jim O’Neill Managing Director
<b>Signature</b>	
<b>Date</b>	13th February 2025

## 4. Declaration of On-going Commitment to Carbon Neutrality

<b>Declaration of on-going commitment</b>	EPAS commits to maintain carbon neutrality for the organisation in accordance to PAS 2060 for the period commencing on 01/01/2024 and ending on 31/12/2024 (Application period 2). This will be certified by Atlas Certification Limited
<b>Location of Carbon Footprint Management Plan</b>	Appendix B
<b>Name of senior representative</b>	Jim O'Neill Managing Director
<b>Signature</b>	
<b>Date</b>	13th February 2025

## Appendix A - Carbon Footprint Assessment

### a. Scope of emissions

In accordance with the requirements of PAS 2060, this QES quantifies GHG emissions tCO<sub>2</sub>e.

Emissions Scope	Description	Emissions tCO <sub>2</sub> e
1	Direct emissions from owned or controlled sources; company vehicles, fuel use	112.91
2	Indirect emissions from electricity consumption Renewable electricity generated onsite	12.61 (0.47)
3 – 1 – Purchased Goods and Services	Indirect emissions from all purchased goods and services not otherwise included in the other categories of upstream scope 3 emissions	204.43
3 – 3 - Fuel- and energy-related activities	Indirect emissions related to the production of fuels and energy purchased and consumed that are not included in scope 1 or scope 2	39.12
3 – 4 - Upstream transportation & distribution	Indirect emissions related to the transportation and distribution of products purchased	24.70
3 – 5 - Waste generated in operations	Indirect emissions from third-party disposal and treatment of waste generated	2.45
3 – 6 - Business travel	Indirect emissions from the transportation of employees for business related activities	14.23
3 – 9 - Downstream transportation & distribution	Indirect emissions from transportation and distribution of sold products	1.99
3 – 11 - Use of sold products	Indirect emissions from the use of goods sold	810.63
<b>Total tCO<sub>2</sub>e</b>		<b>1,222.61</b>
<b>Carbon intensity metric (tCO<sub>2</sub>e per £1000 turnover)</b>		<b>0.278</b>

### b. Boundary

	Suppliers	EPAS Ltd	Customers	
<b>Scope 1</b> Direct emissions from our activities		Heating Gas & Fuel	Refrigerant gases from air conditioning	
		Owned transport	Process fugitive emissions	
<b>Scope 2</b> Indirect emissions from our electricity consumption		Electricity used for lighting and equipment		
<b>Scope 3</b> Indirect emissions associated with our activities and supply chain	Goods & Services purchased by us	Water consumption	Business travel (air, road) (not included in Scope 1)	Use of sold products
	Transport of goods to our site	Waste generated by our operations	Other business travel (hotels)	End of life treatment
	Working from home	Staff commute (staff-owned vehicles)	WTT; Transmission & distribution losses	
		Leased assets	Capital goods	

Key:

Measured & known emissions

Unknown emissions

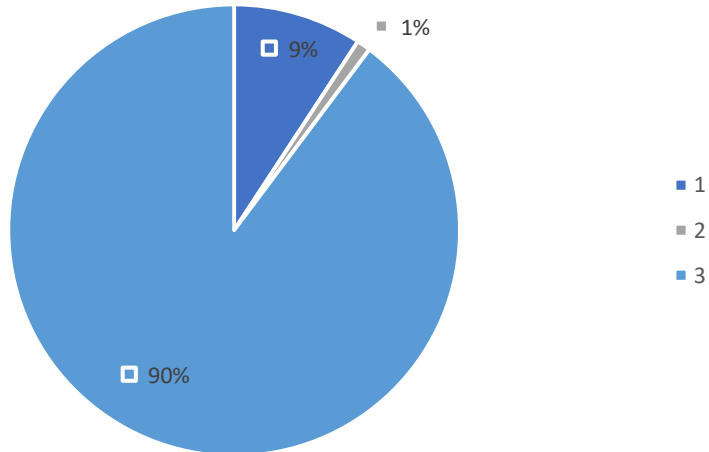
Footprint reporting boundary



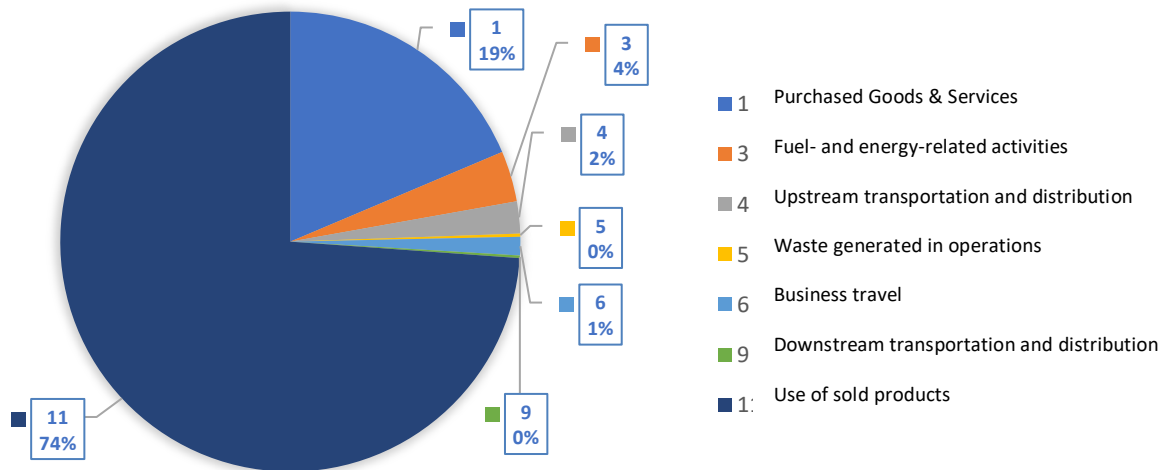
c. Quantify emissions - Data summary

A summary of the carbon emissions from 1<sup>st</sup> Jan 2023 – 31<sup>st</sup> Dec 2023 (Application period 1) is shown below.

**2023 Emissions by Scope**



**Breakdown of 2023 - Scope 3 emissions**



d. Standard methodology used

EPAS categorises its GHG emissions as Scope 1, 2 and 3 as described in the WBCSD/WRI Greenhouse Gas Protocol Reporting Standard revised edition 2004. Emissions have been calculated as tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) for Scope 1, 2 and selected Scope 3 sources (see Appendix D) using conversion factors listed in Version 1.1 Full set of the Defra/DESNZ UK Government Greenhouse Gas Conversion Factors for Company Reporting (2023).

e. Data quality, confidence in dataset and any assumptions made

This is the first year of reporting, however, confidence in the quality of the data supporting this GHG assessment is high. EPAS has been monitoring and recording its emissions since 2023 and will refine our data capture processes going forward. In total we have high confidence over 95% of direct carbon emissions are accounted for within the defined scope and boundary set out above, all of which is based directly on volumes consumed (e.g. using utility bills, invoices and meter readings as appropriate).

## Data Quality

Scope	Scope 3 Cat. No.s	Category	Type	Data Source	Data Quality		
1		Fuels	Natural gas	Invoice	High Confidence in Accuracy		
			Diesel (average biofuel blend)	Supplier Reports / Supplied Data	High Confidence in Accuracy		
			Lubricants	Supplier Reports / Supplied Data	High Confidence in Accuracy		
			Petrol (average biofuel blend)	Supplier Reports / Supplied Data	High Confidence in Accuracy		
2		UK Electricity	Electricity: UK	Direct Monitoring	High Confidence in Accuracy		
3	1	Material use	Wood	Supplier Reports / Supplied Data	Low Confidence in Accuracy		
3	1	Material use	Clothing	Invoice	High Confidence in Accuracy		
			Batteries - Alkaline	Invoice	High Confidence in Accuracy		
			Batteries - Li ion	Invoice	High Confidence in Accuracy		
			Metal: mixed cans	Invoice	Low Confidence in Accuracy		
			Metal: steel cans	Invoice	Low Confidence in Accuracy		
			Plastics: average plastics	Supplier Reports / Supplied Data	High Confidence in Accuracy		
			Paper and board: board	Invoice	High Confidence in Accuracy		
			Paper and board: paper	Invoice	High Confidence in Accuracy		
	3	Transmission & Distribution	WTT- UK electricity (gen)	Electricity: UK	Direct Monitoring	High Confidence in Accuracy	
				Electricity: UK	Direct Monitoring	High Confidence in Accuracy	
				Electricity: UK	Direct Monitoring	High Confidence in Accuracy	
		WTT Fuels	WTT- UK electricity (T&D)	WTT Fuels	Natural gas	Invoice	High Confidence in Accuracy
					Diesel (average biofuel blend)	Supplier Reports / Supplied Data	High Confidence in Accuracy
					Lubricants	Supplier Reports / Supplied Data	High Confidence in Accuracy
					Petrol (average biofuel blend)	Supplier Reports / Supplied Data	High Confidence in Accuracy
		WTT- delivery vehs & freight	WTT- UK electricity (T&D)	WTT- delivery vehs & freight	All HGVs (upstream)	Invoice	High Confidence in Accuracy
					All HGVs (downstream)	Invoice	High Confidence in Accuracy
WTT Business travel- air	WTT- UK electricity (T&D)	WTT Business travel- air	Domestic, to/from UK	Invoice	High Confidence in Accuracy		
			International, to/from non-UK	Invoice	High Confidence in Accuracy		
WTT Business travel- sea	WTT- UK electricity (T&D)	WTT Business travel- sea	Average (all passenger)	Invoice	High Confidence in Accuracy		
			General cargo (avg) (up)	Invoice	High Confidence in Accuracy		

# Qualifying Explanatory Statement

	WTT- delivery vehs & freight	General cargo (avg) (down)	Invoice	High Confidence in Accuracy
	Water supply	Water supply	Direct Monitoring	High Confidence in Accuracy
4	Freighting goods (upstream)	All HGVs (upstream)	Invoice	High Confidence in Accuracy
		General cargo (upstream)	Invoice	High Confidence in Accuracy
5	Waste disposal	Commercial and industrial waste - (incinerated/recycled)	Invoice	High Confidence in Accuracy
		Commercial and industrial waste - (to landfill)	Invoice	High Confidence in Accuracy
		Paper and board: board	Invoice	High Confidence in Accuracy
6	Business travel-air	Domestic, to/from UK	Invoice	High Confidence in Accuracy
		International, to/from non-UK	Invoice	High Confidence in Accuracy
	Business travel-sea	Average (all passenger)	Invoice	High Confidence in Accuracy
	Hotel stay	UK / no. of nights	Invoice	High Confidence in Accuracy
9	Freighting goods	All HGVs (downstream)	Invoice	High Confidence in Accuracy
9	Freighting goods	General cargo (downstream)	Invoice	High Confidence in Accuracy
11	Use of sold products	Fuel, electricity, feedstock	Guestimate	Low Confidence in Accuracy

## Appendix B - Carbon Management Plan

The carbon footprint management plan shall be reviewed and updated annually.

- a. Historical Emissions Reduction Progress for the previous period  
As this is the first year of reporting, there is no historical information to review and compare. However, this will be reviewed in the coming years as data is compiled.
- b. Statement of commitment to carbon neutrality  
We commit to achieve carbon neutrality in 2024 and to achieve certification via a 3<sup>rd</sup> party certified body on an annual basis until, at least 2030.
- c. Timescale for achieving carbon neutrality  
January 2025
- d. Targets for GHG reduction  
The following is a summary of our goals for the period Jan 2024 – Dec 2024:

Type	Area	Action	Target
Short Term	Scope 2 – Electricity usage	To utilise electricity from renewable sources	30% increase of renewable energy use by Dec 24
Short Term	Scope 1 - Gas consumption	To refit gas boilers with new more efficient models	2 new boilers in 2024
Long Term	Scope 2 – Electricity usage	Consider establishing a solar farm over circa 2.5 years on an 18 acre site to produce circa 8 MW of capacity to offset approximately 8,000 tonnes of CO2 p.a.	Review project annually with the target of having project established by 2028

- e. Offset strategy  
In 2024 EPAS partnered with Ecologi to manage a portfolio of carbon instruments on our behalf. The volume of these instruments are retired on an annual basis to cover operational emissions for the previous 12 month period. Details of those retired for the period of carbon neutrality are included below.

## Appendix C - Offsets

### Carbon instruments retired during the period of carbon neutrality

1,223 tCO<sub>2</sub>e of carbon credits relating to this period were offset.

Project name	Country	Project Type	Standard	Ref no & Link to Registry	Total Credits	
Katingan Peatland Restoration and Conservation Project	Indonesia	Agriculture Forestry and Other Land Use	Verified Carbon Standard	<a href="#">Project Details link</a> <a href="#">Verra Registry link</a>	1,223	

The carbon offset scheme was used in accordance with its provisions and there was no conflict with the principles set out in PAS 2060.

Environmental Products and Services’ GHG Footprint, QES and proof of purchase of credits as stated above has been verified by Atlas Certification Limited in accordance with the requirements of PAS 2060.

Carbon Neutrality of Environmental Products and Services Ltd was achieved in accordance with PAS2060 at 30<sup>th</sup> January 2025 for the period 1<sup>st</sup> January 2023 to 31<sup>st</sup> December 2023. This was validated by Atlas Certification Limited on 11<sup>th</sup> February 2025 certified.

## Appendix D - Scope 3 Emissions

Scope 3 Cat.no	Emission Source	Description	Applicable / Excluded	Justification if Excluded
1	Purchased Goods & Services	Wood (rubber)	Applicable	
		Clothing		
		Batteries - Alkaline		
		Batteries - Li-ion		
		Metal: mixed cans		
		Metal: steel cans		
		Plastics: average plastics		
		Paper and board: paper		
2	Capital Goods	Plant / Property / Equipment	Excluded on the basis that the emissions are minimal (less than 1% of total)	Only capital goods bought in 2023 were Solar Panels, on researching the carbon footprint it was shown to be around 40g, per kWh ( <a href="#">Carbon Footprint of Solar Panel Manufacturing and What is the Carbon Footprint of Solar Panels?</a> ) the system bought in 2023 has a capacity of 90kWh, which would put the footprint at around 3.6Kg.
3	Transmission & Distribution	Electricity: UK	Applicable	
	WTT- UK electricity (gen)	Electricity: UK		
	WTT- UK electricity (T&D)	Electricity: UK		
	WTT Fuels	Natural gas		
		Diesel (avg biofuel blend)		
		Lubricants		
		Petrol (avg biofuel blend)		
	WTT- delivery vehs & freight	All HGVs (upstream & downstream)		
	WTT Business travel- air	Domestic, to/from UK		
	WTT Business travel- air	International, to/from non-UK		
Average (all passenger)				
WTT- delivery vehs & freight	General cargo (avg) (upstream & downstream)			
Water supply	Water supply			
4	Freighting goods (Upstream)	All HGVs (upstream)	Applicable	
		General cargo (upstream)		
5	Waste disposal	Commercial and industrial waste (incinerated/ recycled)	Applicable	
		Commercial and industrial waste (to landfill)		
		Paper and board: board		
6	Business travel- air	Domestic, to/from UK	Applicable	

Scope 3 Cat.no	Emission Source	Description	Applicable / Excluded	Justification if Excluded
		International, to/from non-UK		
	Business travel- sea	Average (all passenger)		
	Hotel stay	UK / no. of nights		
7	Employee Commuting	Travel to and from the office through various transportations	Excluded	Excluded on the basis that the emissions are not economically feasible to calculate. Full data was not obtainable for the reporting year
9	Freighting goods (downstream)	All HGVs (downstream)	Applicable	
		General cargo (downstream)		
10	Processing of sold products	Processing of sold intermediate products by third parties	Excluded	Excluded on the basis that products produced receive no further processing by 3 <sup>rd</sup> parties. Products sold are the final product.
11	Use of sold products	Electricity	Applicable	
12	End of Life Treatment	Products, packaging & waste treatment options	Excluded	Excluded on the basis that the emissions are not technically or economically feasible to calculate
13	Leased Facilities	Downstream lease	Excluded	Excluded on the basis that the emissions are minimal (less than 1% of total)
14	Franchises	A franchise operating under a licence from the manufacturer	Excluded	EPAS has no franchises
15	Investments	Any company investments	Excluded	EPAS has no investments