

# Qualifying Explanatory Statement for Thakeham Homes Limited

## PAS2060:2014

**Prepared for:** Thakeham Homes Limited

**Prepared by:** Alex Smith, Sustainability Consultant, Planet Mark

**Date:** 06 January 2023



## Introduction

This document forms the Qualifying Explanatory Statement (QES) for Thakeham Homes Limited which demonstrates the commitment and achievement of carbon neutrality in accordance with PAS2060:2014. Thakeham Homes Limited has committed to and achieved carbon neutrality under the guidelines of PAS2060:2014.

The information contained within is believed to be correct at the time of issue. The data and information have been subject to a limited verification through achievement of the Planet Mark certification. The Planet Mark is a sustainability certification for organisations. The certification recognises continuous improvement, encourages action and builds an empowered community of like-minded individuals. Should any information present itself that would affect the information within it will be updated accurately to reflect the current status of QES.

### PAS2060 requirements

Entity making declaration	Thakeham Homes Limited
Description of the entity	Thakeham Homes Limited is a leading developer in residential development, contract build and land promotion across the southeast of England.
Boundary of declaration	2 Office sites; and all temporary construction sites
Rational for boundary selection	The boundary represents the majority of emissions associated with the direct operations of the company.
Emissions scope	Electricity, T&D Losses, Natural Gas, Gas Oil, HVO, Diesel Fuel, Water, Fleet, Business Travel, Waste, Paper, Homeworking (excluded from footprint)
Methodology and standards used	GHG Protocol, BEIS Emissions factors 2021
Why has this methodology been chosen	The methodology employed shall minimize uncertainty and yield accurate, consistent and reproducible results
Certified by	Planet Mark, Independent third-party certification
Baseline date for PAS2060	01 April 2021 – 31 March 2022
Achievement period	01 April 2021 – 31 March 2022




## Declaration of achievement

Thakeham Homes Limited has achieved carbon neutrality in line with the guidelines of PAS2060:2014.

Carbon neutrality of Thakeham Homes Limited achieved by Thakeham Homes Limited in accordance with PAS2060 on 24 December 2022 with commitment to maintain to 01 April 2022 to 31 March 2023 for the period commencing 01 April 2021 to 31 March 2022, Planet Mark certified.

PAS2060 requirements	Response
Achievement period	01 April 2021 to 31 March 2022
Total carbon footprint (location based)	853.9 tCO <sub>2</sub> e
Baseline	01 April 2021 to 31 March 2022
Which PAS2060 method	Independent third-party certification
Absolute or intensity reduction	First year, commitment to reduce
Carbon neutrality option	I3P-3 Independent third-party certification - Unified
Location of GHG emissions report	Section A
Location of details describing internal reductions	First year, Section B
Location and details about the carbon offsets	Section C

Signed by senior company representative.

  
Name: MR JULIAN ROONEY  
Date: 10<sup>th</sup> January 2023



## Declaration of commitment

Thakeham Homes Limited has committed to carbon neutrality in line with the guidelines of PAS2060:2014.

Carbon neutrality of Thakeham Homes Limited achieved by Thakeham Homes Limited in accordance with PAS2060 on 24 December 2022 with commitment to maintain to 01 April 2022 to 31 March 2023 for the period commencing 01 April 2021 to 31 March 2022, Planet Mark certified.

PAS2060 requirements	Response
Commitment period	01 April 2022 to 31 March 2023
Entity making declaration	Thakeham Group
Description of the entity	Thakeham Homes Limited is a leading developer in residential development, contract build and land promotion across the southeast of England.
Boundary of declaration	2 Office sites; and all temporary construction sites
Rational for boundary selection	The boundary represents the majority of emissions associated with the direct operations of the company.
Baseline date for PAS2060	01 April 2021 to 31 March 2022
Achievement period	01 April 2021 to 31 March 2022

Signed by senior company representative.

Name: *Mr Julian Roney*  
Date: *10th January 2023*



## **Section A. Carbon Footprint**

The information contained within Section A. relates to the carbon footprint of the entity and any information related to the methodology, assumptions and data quality.

The carbon footprint has been prepared in line with The GHG Protocol Corporate Accounting and Reporting Standard. Emissions have been calculated in line with this standard and the relevant emissions factors applied listed in the BEIS emissions factors 2021. The carbon footprint is calculated and undergoes a limited verification process in line with the Planet Mark Certification Scheme Rules, Procedures and Management as part of the Planet Mark certification.

Over 95% of the carbon emissions within this report have been accounted for within the defined scopes and boundary. Efforts have been made to reduce uncertainties and actual data was provided where possible. The data collection procedure was clearly disclosed and there was full disclosure of assumptions.

The Scope 3 emissions included within this footprint are those of which Thakeham Homes Limited can accurately report and influence. All Scope 3 emissions where possible have been included for this assessment however where emissions are not measured the data are not available and not financially viable to materially obtain. These emissions are not included within this report but Thakeham Homes Limited will continue to review and include further scope 3 emissions where possible.

Emissions for electricity have been calculated for meter readings at office and construction sites when they had electricity consumption. Natural gas emissions have been calculated for Pease Pottage as this was the only site with consumption. Emissions for water supply and treatment have been calculated for offices and construction sites where applicable, with consumption calculated from meter readings.

Fleet and business travel emissions have been calculated from the distance travelled from expense claims. Electric vehicles are primarily charged on-site so scope 2 and scope 3 transmission and distribution emissions associated with these vehicles are included in the buildings. For business travel, vehicle type data were not available so unknown fuel emission factors were used.

Emissions associated with waste were calculated using the actual weight from supplier reports. Weight of paper purchased has been calculated from invoices.



## Carbon Footprint breakdown:

01 April 2021 - 31 March 2022

Source	Scope	Unit	Amount	tCO <sub>2</sub> e	% total carbon footprint
<b>Buildings</b>					
Diesel Fuel	1	litres	3,210.0	8.1	1%
Electricity (location based)	2	kWh	566,450.1	120.3	14%
Electricity (market based)	2	kWh	566,450.1	29.1	-
Gas Oil	1	litres	199,856.7	551.3	65%
HVO	1	litres	10,604.0	0.4	0.04%
Natural Gas	1	kWh	4,357.0	0.8	0.1%
Transmission and Distribution Losses	3	kWh	566,450.1	10.6	1%
<b>Procurement</b>					
Paper Primary Content	3	tonnes	0.6	0.7	0.1%
Paper Recycled Content	3	tonnes	0.7	0.5	0.1%
<b>Travel</b>					
Fleet Diesel Car	1	km	124,795.0	21.0	2%
Fleet PHEV	1	km	81,031.0	5.8	1%
Fleet Petrol Car	1	km	35,953.0	6.3	1%
Fleet Van	1	km	78,468.0	18.9	2%
Average Car	3	km	412,764.3	70.8	8%
<b>Waste</b>					
Energy from Waste	3	tonnes	94.6	2.0	0.2%
Landfill	3	tonnes	32.4	15.1	2%
Recycled	3	tonnes	293.6	6.3	1%
<b>Water</b>					
Water Supply	3	cubic metres	35,916.4	5.4	1%
Water Treatment	3	cubic metres	35,916.4	9.8	1%
<b>Location Based</b>					
<b>Total</b>		tCO <sub>2</sub> e		<b>853.9</b>	
No. employees		Number		208.4	
<b>Total per employee</b>		tCO <sub>2</sub> e		<b>4.1</b>	
Turnover £m		£m		86.8	
<b>Total per £m</b>		tCO <sub>2</sub> e		<b>9.8</b>	
Total floor space		m <sup>2</sup>		784,890.1	
<b>Building emissions per m<sup>2</sup></b>		tCO <sub>2</sub> e		<b>0.001</b>	
<b>Market Based</b>					
<b>Total</b>		tCO <sub>2</sub> e		<b>762.7</b>	
No. employees		Number		208.4	
<b>Total per employee</b>		tCO <sub>2</sub> e		<b>3.7</b>	
Turnover £m		£m		86.8	
<b>Total per £m</b>		tCO <sub>2</sub> e		<b>8.8</b>	
Total floor space		m <sup>2</sup>		784,890.1	
<b>Building emissions per m<sup>2</sup></b>		tCO <sub>2</sub> e		<b>0.001</b>	

## Section C. Carbon offsetting strategy

The following information refers to the GHG emissions that have been offset for the reporting period. Thakeham Homes Limited has offset 763 tCO<sub>2</sub>e of emissions through Ecologi, which is more than its market-based footprint of 762.7 tCO<sub>2</sub>e and this has been independently verified by Planet Mark.

**Number of carbon credits used:** 763  
**Type of carbon credits used:** [shorturl.at/gMUWZ](https://shorturl.at/gMUWZ)  
**Time period for carbon credits:** 14 March 2011 – 13 March 2041  
**Date carbon credits retired:** 24 December 2022  
**Carbon credit registry:** <https://registry.verra.org/app/projectDetail/VCS/934>





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