



## **XL Joinery**

West Yorkshire Retail Park  
Holden Ing Way  
Birstall  
West Yorkshire  
WF17 9AD

# Qualifying Explanatory Statement (QES) in support of PAS2060:2014 **2023**

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## Introduction

This document forms the Qualifying Explanatory Statement to demonstrate that XL Joinery has achieved carbon neutrality under the guidelines of PAS 2060:2014 and is further committed to maintaining carbon neutrality, under the guidelines.



### Section 1: General Information


PAS 2060 Requirement	Response
Entity making PAS 2060 declaration:	XL Joinery
Subject of PAS 2060 declaration:	The Warehouse, Offices and Delivery fleet operated by XL Joinery in the UK
Description of Subject:	XL Joinery are a market leading supplier of wooden doors and associated products. Our brand can be found in the most prestigious names in Builders Merchants and Retail sectors across the UK. We have been operating from our Head Office in West Yorkshire for 30 years and have helped homeowners transform their homes and offices through innovation and a constantly evolving product range. Operating from our 6-acre site, we have over 70 employees and supply in excess of 500,000 joinery products every year.
Rationale for selection of the subject:	The scope and subject of this PAS 2060 statement includes the major emissions, based on the initial findings of the <i>XL Joinery - Carbon Neutral Team</i> being petrol, diesel, gas and electricity consumption
Type of conformity assessment:	Independent 3 <sup>rd</sup> Party Certification
Baseline date for PAS 2060 programme:	1 <sup>st</sup> September 2023 – 31 <sup>st</sup> August 2024
Individuals responsible for evaluation and provision of data necessary for declaration:	David Crossley

### Section 2: Declaration of Commitment to Carbon Neutrality

PAS 2060 Requirement	Response
Declaration of commitment:	1 <sup>st</sup> September 2023 – 31 <sup>st</sup> August 2024
Carbon footprint of the subject for the period immediately prior to the start of the commitment:	<b>28.92tCO<sub>2e</sub></b>
Carbon footprint reduction target for period.	XL Joinery forecast a 10% reduction through 2023... reducing our emissions by a further <b>3 tCO<sub>2e</sub></b>
Location of GHG emissions report supporting this claim:	Section 4
Location of the Carbon Footprint Management Plan:	Section 5
<b>Name of Senior Representative</b>	<b>Signature</b>
Name: David Crossley Role: Continuous Improvement Manager Date: 1 <sup>st</sup> December 2023	



### Section 3: Declaration of Achievement of Carbon Neutrality

PAS 2060 Requirement	Response
Declaration of achievement:	1 <sup>st</sup> September 2022 – 31 <sup>st</sup> August 2023
Recorded carbon footprint of the subject during the period stated above:	<b>28.92tCO<sub>2</sub>e</b>
Location of the details describing internal reductions achieved:	Appendix A
Location of information supporting claims:	Appendix B
Location of the details describing the carbon offsets:	n/a
<b>Name of Senior Representative:</b>	<b>Signature</b>
Name: David Crossley Role: Continuous Improvement Manager Date: 1 <sup>st</sup> December 2023	

### Section 4: Carbon Footprint Breakdown

#### Methodology

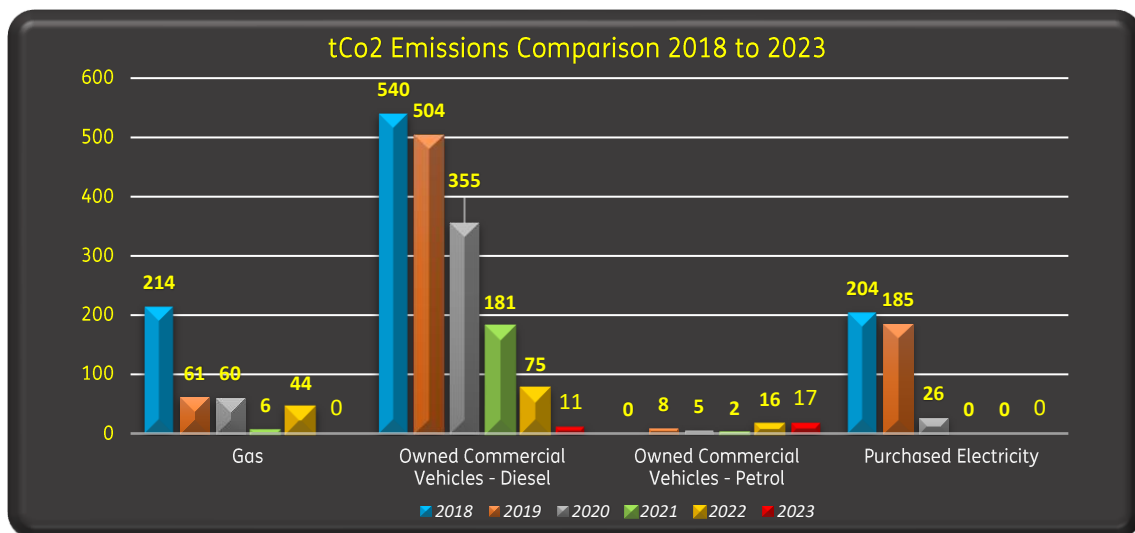
XL Joinery's Carbon Footprint Assessment Methodology has been informed by, and complies with, the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard and Greenhouse Gas Reporting conversion factors provided by DEFRA.

The Methodology employed by XL Joinery shall, as far as possible, minimize uncertainty and will yield accurate, consistent and reproducible results.

*The data below has been verified through meter readings and invoices for the Gas and Electricity figures. The Owned Commercial Vehicle figures were verified by fuel card data. Whilst every reasonable precaution has been taken, there is the possibility for a very small margin of error from such instances of conversion from 'estimated' to 'actual' meter reads.*

*We accept that there may be small inaccuracies, for the commercial vehicles, given instances where an employee may not have used a fuel card etc., however these instances are rare and have a negligible difference in our overall emissions.*

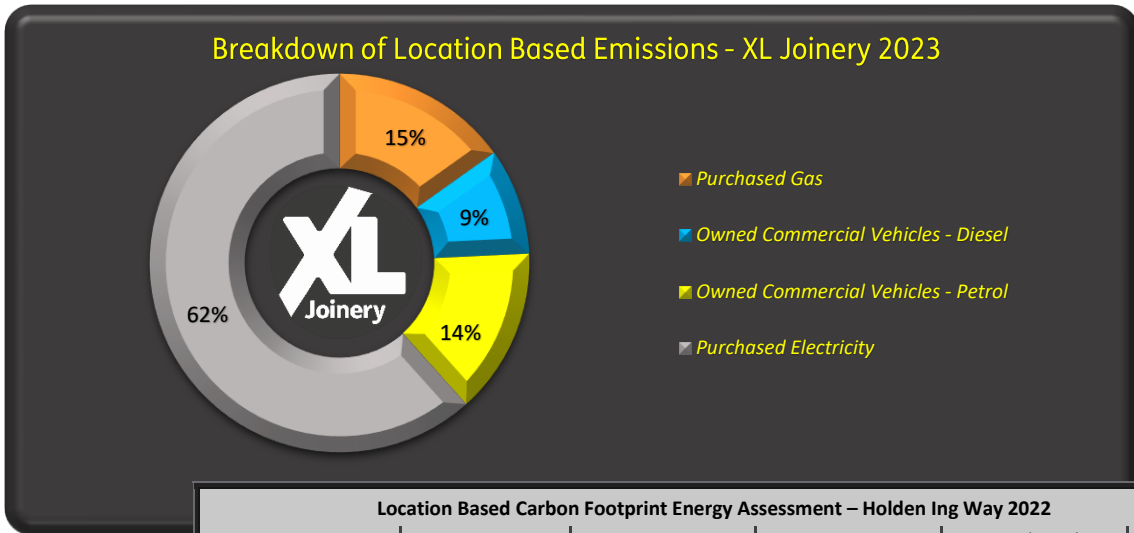
#### Breakdown of XL Joinery's Carbon Emissions 2018 to 2022



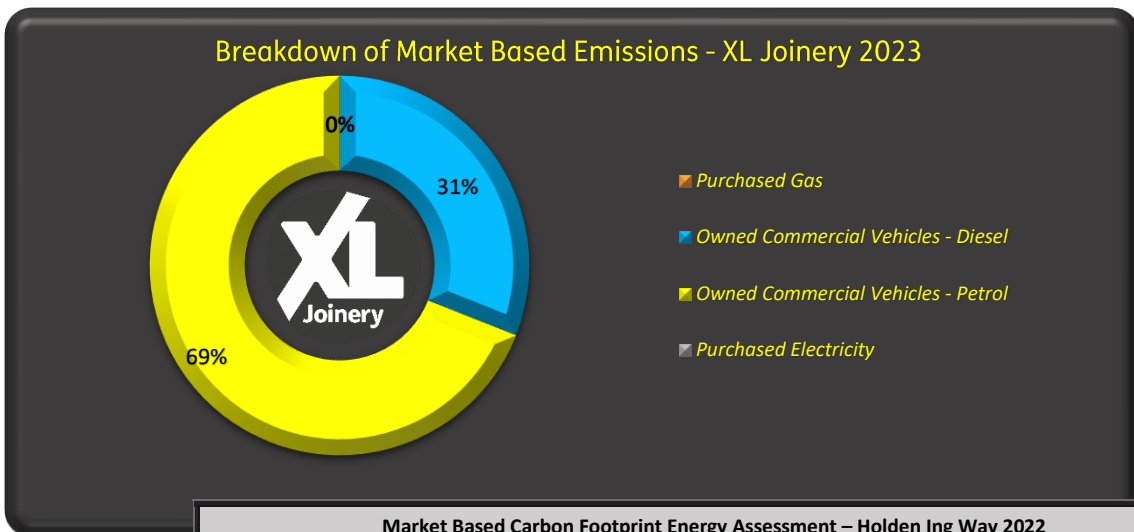


## Breakdown of XL Joinery's Carbon Emissions

### Appendix – A



Emissions Type	Emission source	Emission Factor	Emissions tCo2e	Purchased kwh/yr.	%
Scope 1 (Direct Emissions)	Gas	0.18293	19.40	106,058.0	15%
	Diesel vehicles	2.51206	11.26	4,482.61	9%
	Petrol vehicles	2.09747	17.66	8,419.58	14%
	<b>Sub Total</b>	<b>n/a</b>	<b>48.32</b>	<b>118,960.19</b>	<b>41%</b>
Scope 2 (Imported Energy)	Electricity	0.20707	77.00	371,861.40	62%
	<b>Sub Total</b>	<b>n/a</b>	<b>77.00</b>	<b>371,861.40</b>	<b>0%</b>
<b>Total</b>		<b>n/a</b>	<b>125.32</b>	<b>490,821.59</b>	<b>100%</b>

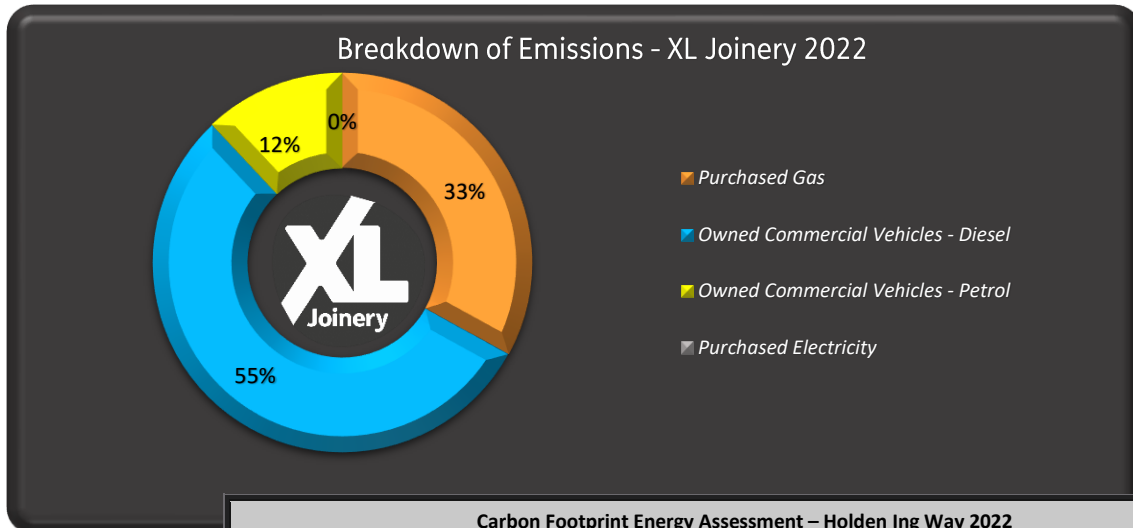


Emissions Type	Emission source	Emission Factor	Emissions tCo2e	Purchased kwh/yr.	%
Scope 1 (Direct Emissions)	Gas	n/a	0.0	0	0%
	Diesel vehicles	2.51206	11.26	4,482.61	31%
	Petrol vehicles	2.09747	17.66	8,419.58	69%
	<b>Sub Total</b>	<b>n/a</b>	<b>28.92</b>	<b>12902.19</b>	<b>100%</b>
Scope 2 (Imported Energy)	Electricity	n/a	0.0	0	0%
	<b>Sub Total</b>	<b>n/a</b>	<b>0.0</b>	<b>0</b>	<b>0%</b>
<b>Total</b>		<b>n/a</b>	<b>28.92</b>	<b>12902.19</b>	<b>100%</b>



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Appendix – B



Carbon Footprint Energy Assessment – Holden Ing Way 2022					
Emissions Type	Emission source	Emission Factor	Emissions tCo2e	Purchased kwh/yr.	%
Scope 1 (Direct Emissions)	Gas	0.18254	44.39	243,194.1	33%
	Diesel vehicles	2.55784	74.94	29,297.6	55%
	Petrol vehicles	2.16185	16.16	7,476.4	12%
	<b>Sub Total</b>	<b>n/a</b>	<b>135.5</b>	<b>279,968.1</b>	<b>100%</b>
Scope 2 (Imported Energy)	Electricity	n/a	0.0	0	0%
	<b>Sub Total</b>	<b>n/a</b>	<b>0.0</b>	<b>0</b>	<b>0%</b>
<b>Total</b>		<b>n/a</b>	<b>135.5</b>	<b>279,968.1</b>	<b>100%</b>

*Section 5: Carbon Footprint Management Plan*

**Introduction to XL Joinery**

XL Joinery are a market leading supplier of wooden doors and associated products, our brand can be found in the most prestigious names in Builders Merchants, DIY outlets across the UK.

XL Joinery’s Carbon Neutral Team have continued to raise initiatives to bring further Co2 emission reductions through 2022 and 2023, from the most simple solutions such as keeping the main warehouse shutter doors closed until access or egress is actually required, through to FLT and HGV fleet reduction initiatives.

Having demonstrated a further emissions reduction of 53.5 tCO<sub>2</sub>e, from 189 tCO<sub>2</sub>e to 135.5 tCO<sub>2</sub>e, throughout our carbon year September 2021 to August 2022, we are delighted to be able to report continued reductions for our fifth annual application. Our colleagues are obviously thrilled at such a tremendous achievement and they remain extremely positive in their support.

We have continued to offset our remaining CO<sub>2</sub> emissions, throughout 2022/23, with sponsorship of projects across the globe, from Venezuela to Bulgaria, offsetting all 135.5 tCO<sub>2</sub>e



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### Section 5: Carbon Footprint Management Plan - cont.

#### Key achievements:

- ☘ We have continued to explore renewable energy as a replacement to our previous fuel supply and we have again progressed green REGO (Renewable Energy Guarantee Origin) Tariffs for our electricity and RGGO (Renewable Gas Guarantees of Origin) Anaerobic Digestion Gas contracts for gas
- ☘ A number of our Electric Fork-Lift Trucks were renewed in October of 2021, adding to our fleet of energy efficient MHE, which utilise Smart Charge Systems and deliver a very precise amount of charge to the battery. The chargers are set up on a separate timer which allow us to deliver a very controlled amount of charge with no unnecessary, energy consuming battery overcharge.
- ☘ XL Joinery are delighted to have again been involved in the sponsorship of some great offset projects:
  - We have offset 35.5 tCO<sub>2</sub>e in an amazing afforestation project in Guanare – Venezuela which is a great project that comprises a total of 18.576 hectares of land, previously under extensive grazing by beef cattle, on which forest plantations for obtaining high-value, long-lived timber products and for sequestering large amounts of carbon dioxide from the atmosphere have been established.
  - We have also invested to offset 100 tCO<sub>2</sub>e in a Methane Gas Capture and Electricity Production project at Kubratovo Wastewater Treatment Plant in Bulgaria, which reduces methane emissions by capturing methane produced in the [Kubratovo Wastewater Treatment Plant](#) and subsequently supplies it to the new CHP gas engines to generate electricity and heat.  
This system substitutes the plant's electricity purchases from the grid and its diesel fuel usage.

### Section 6: Carbon Offsetting Strategy

Our Carbon Neutral team will research various offset projects being careful in consideration of the following criteria:

- ☘ Providing structure to Corporate and Social Responsibility (CSR) activities
- ☘ Giving back to local communities where our business is being done and where our products are sourced
- ☘ Helping to reduce global CO<sub>2</sub> emissions
- ☘ Helping to enhance developing countries – economic, social & communities
- ☘ Fostering local community relations
- ☘ Helping to build XL Joinery's brand reputation
- ☘ Engaging with our staff and enthusing internal teams
- ☘ Helping win in competitive tender situations
- ☘ Differentiating ourselves from competitors
- ☘ Balancing out unavoidable emissions and becoming Carbon Neutral

We will present the findings of our research to XL Joinery colleagues and ask for their involvement to choose where they would like to see the Business invest in the drive to reducing global CO<sub>2</sub> emissions

