



Langstone Construction Ltd

Carbon Reduction Plan

Revision 0001

Issued January 24

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1. Organisation Information

Supplier Name	Langstone Construction Group Ltd Maple House, Greenwood Close, Cardiff Gate Business Park Pontprenau, Cardiff. CF23 8RD www.langstoneconstruction.co.uk
Publication Date	January 2023

2. Commitment to achieving Net Zero

Langstone Construction is committed to achieving Net Zero emissions by 2050

3. Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: January 1st 2022 to December 31st 2022	
Additional Details relating to the Baseline Emissions calculations:	
<p>The baseline year currently reflects our most up to date footprint, and therefore the values are the same as the Current Emissions Reporting. We will update this, annually as required by the guidance notes.</p> <p>Accounting was completed using WRI Green House Gas Protocol Corporate Reporting and Accounting Standard and includes all Scope 1 and 2 emissions and additional Scope 3 emissions as specified by the Technical Standards for Completion of Reduction Plans.</p> <p>The operational boundary was established using the Operational Control Approach.</p>	
Baseline year emissions:	
EMISSIONS TOTAL	(tCO₂e)
Scope 1	22.458 tonnes Emissions are mainly associated with on site diesel usage
Scope 2	1.5 Tonnes Emissions are entirely associated with electrical energy supplied to head office facilities
Scope 3 (Included Sources)	Total: 35.6 tonnes <ul style="list-style-type: none"> • 4 - Upstream Transportation and Distribution - Both inbound logistics, and outbound sales logistics where they were paid for by the organisation - 2.213 tonnes • 5 - Waste Generated in Operations - 0.3 tonnes • 6 - Business Travel - 0.03 tonnes • 7 - Employee commuting with optional Teleworking Commuting - 26.885 tonnes Teleworking - 0.098 tonnes • 9 - Downstream Transportation and distribution - 0 tonnes. sold goods transportation was paid for by the organisation and is therefore included within Category 4.
Total Emissions	61.02 tonnes

4. Current Emissions Reporting

Reporting Year: Same as base year. This information will be updated as part of the annual review cycle	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	As Per Base Year
Scope 2	As Per Base Year
Scope 3 (Included Sources)	As Per Base Year
Total Emissions	As Per Base Year

5. Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. They are based on the SBTi definition of net zero in the expectation of 90% reduction, and 10% removal of residual emissions with the ambition to attain that goal by 2050 in line with government commitments.

We project that our Scope 1 and 2, & 3 emissions will reduce to 20.8 tCO₂e, 1.3 tCO₂e, and 31 tCO₂e respectively by 2027.

It is projected that overall carbon emissions will decrease over the next 5 years to 53.2 tonnes CO₂e/year. This is a reduction of 16% which reflects a linear decrease in emissions until the target date of net zero by 2050.

6. Progress against emissions reduction targets

It is our intention to update this report at least annually and deliver carbon reductions each year that combine to achieve our overall objective by 2050.

7. Completed Carbon Reduction Initiatives

Langstone construction has implemented carbon reduction efficiencies as part of its activities. There is limited calculated reductions due to this current year also being the base year. However significant projects have been implemented and have resulted in a reduction of emissions over a pre-base scenario.

- Increased use of digital meetings to reduce business travel
- Selection of locally based contractors to reduce van mileage
- Van sharing where possible to reduce travel to site of on site teams

8. Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:


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Date: 22nd January 2023