



### Carbon Reduction Plan Information

This Carbon Reduction Plan has been developed to meet the reporting requirements set out in the UK Government supporting guidance for Procurement Policy Note 06/21. This plan includes Garland UK's current carbon footprint and commitment to reducing emissions to achieve net-zero emissions.

This document is updated on an annual basis, is published on our company website and is approved by the senior leadership team at Garland UK, demonstrating a clear commitment to emissions reduction at the highest level.



# Garland UK

## Carbon Reduction Plan

Publication date: November 2024

### Commitment to achieving Net Zero

Garland UK is committed to achieving absolute reduction in scope 1 and 2 emission of 45% based on our baseline year, and realise absolute reduction in all three scopes of 90% by 2050.

### 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.

<b>Baseline Year: 2023</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Garland UK has established 2023 as the baseline year for carbon emissions. The baseline has been established to measure compliance with PPN 06/21.  The quantification of Garland UK's GHG emissions is aligned with the Green House Gas Protocol, using an operational control consolidation approach to establish boundaries. This includes emissions from operations over which it has control and the associated value chain emissions	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2e</sub>)</b>
<b>Scope 1</b>	59
<b>Scope 2</b>	5
<b>Scope 3</b>	100,768



<b>(Included Sources)</b>	Cat 1 (purchased goods and services) = 6,428 Cat 3 (fuel and energy related emissions) = 6.1 Cat 4 (upstream transportation and = distribution) = 70,303 Cat 5 (waste generated in operations) = 0.6 Cat 6 (business travel) = 386.2 Cat 9 (downstream transportation and distribution) = 23,644
<b>Total Emissions</b>	100,831

### Current Emissions Reporting

The financial and reporting year for Garland UK is the same as a calendar year, and in early 2025, we will have the 2024 data to report against.

<b>Reporting Year: 2024</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	Reporting period in progress. Scope 1 2024 emissions will be assessed Jan 25
<b>Scope 2</b>	Reporting period in progress. Scope 2 2024 emissions will be assessed Jan 25
<b>Scope 3 (Included Sources)</b>	Reporting period in progress. Scope 3 2024 emissions will be assessed Jan 25
<b>Total Emissions</b>	Reporting period in progress. Total 2024 emissions will be assessed Jan 25



## Emissions reduction targets

This is Garland UK's first emissions reduction commitment. In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

- We will gain PAS2060 Carbon Neutrality Certification in 2025, and Science Based Targets (SBTi) validation in 2027.
- By 2032, Garland UK will achieve our near-term target of reducing Scope 1 and 2 emissions by 45%.
- In 2050, Garland UK will achieve the long-term Net-Zero target, a 90% absolute reduction across all 3 emissions scopes.

Based on the 2023 baseline year data, Garland UK has identified the carbon emissions hotspots that require immediate focus for reduction. In 2023, Garland made significant strides in reducing its carbon footprint, some examples include:

- Employed an in-house solar PV designer to offer sustainable solutions
- Partnered with SolarWatt, aligned with Germany's Supply Chain Due Diligence Act
- Partnered with FreightRoute, implementing sustainable transport initiatives to reduce Scope 3 emissions

## Carbon Reduction Projects

Completed Carbon Reduction Initiatives:

The following environmental management measures and projects have been implemented since the 2023 baseline year.

- Upgraded offices and warehouse with energy efficient LED lighting
- Secured Environmental Product Declarations (EPDs) for 12 of 17 systems to evaluate product life-cycle impacts
- Introduced packaging that is 100% recyclable and made from recyclable materials
- Achieved reaccreditation for SafeContractor and ISO 9001, ISO 14001, ISO 45001 certifications.

The achieved carbon emission reduction will be evaluated in the January 2025 assessment. This assessment will review Garland UK's carbon reduction project performance in 2024, against the baseline year.

In the future we aim to implement further measures such as:



- Gain PAS2060 Carbon Neutrality Certification
- Achieve Science Based Targets (SBTi) validation
- Switch to 100% renewable energy tariff
- Benchmark supplier carbon performance
- Implement the use of electric forklifts

## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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

## Signed on behalf of Garland UK

Signature ..  .....

Print name .. Mark Fisher .....

Position... General Manager .....

Date: .. 25/11/2024 .....

<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>

