



# Cunard Construction Carbon Reduction Plan

Cunard Construction aim to minimise emissions, aiming to become carbon neutral by 2030. We are committed to achieving Net Zero emissions 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: 2021</b>	
<b>Additional Details relating to Baseline Emissions Calculator</b>	
<b>Baseline Year Emissions:</b>	
<b>Emissions</b>	<b>Total (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	21.929
<b>Scope 2</b>	5.846
<b>Scope 3 (included sources)</b>	Currently being calculated with historical data
<b>Total Emissions</b>	27.775

## Current Emissions Reporting

<b>Reporting Year: 2022</b>	
<b>Emissions</b>	<b>Total (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>21.162</b>
<b>Scope 2</b>	<b>5.671</b>
<b>Scope 3 (included sources)</b>	<b>Currently being calculated with historical data</b>
<b>Total Emissions</b>	<b>26.833</b>

## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

We project that carbon emissions will decrease over the next five years to 26.029 tCO<sub>2</sub>e by 2028. This is a reduction of 3%

## Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to **0.942** tCO<sub>2</sub>e, a **3%**ge reduction against the 2021 baseline and the measures will be in effect when performing the contract

Cunard have undertaken several carbon reduction/sustainability projects:

- Waste Recycling Solutions in line with our Waste Management Policy



- Converted all energy sources to electricity within our office, in lieu of gas
- Energy efficient electric heaters controlled remotely by a App to prevent waste
- Insulated loft space
- Upgraded our vehicles from Euro 5 to Euro 6
- Promoting the use of Low Emission Vehicles and Euro 6 Standard Vehicles in our supply chain
- Reduction in carbon footprint by employing local workers, thus minimising travel time
- Utilise our crew-cabin vans to provide transport for up to 6 employees and reducing vehicle emissions
- Switch off plant and equipment when not in use and make sure that it is properly maintained in order to minimise emissions
- Source products, materials and services ethically through recognised credible standards
- Careful and minimal use of foam insulation, aluminium and plastics due to their high level of emissions
- Use of high-recycled content steel instead of virgin steel (virgin steel has a carbon footprint five times higher than recycled steel)
- Regular audits and reviews to ensure minimal emissions.

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

- Installation of PIR detectors to reduce lighting use within office building.
- Introduced both electric and plug in hybrids to our fleet
- Supporting the government's Cycle to Work Scheme and continuing to roll out the Bike to Work Scheme.

## 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>13</sup> and uses the appropriate Government emission conversion factors for greenhouse gas 14 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 (Scope3) Standard.

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

**Signed:**

A handwritten signature in black ink, appearing to read "J. Barlowe".

**Director, Cunard Construction**

**Publication Date: March 2023**