

Carbon Reduction Plan

Supplier name: Howard Wright Europe

Publication date: 14th October 2024

Commitment to achieving Net Zero

Howard Wright Europe is committed to achieving Net Zero emissions by 2045.

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: 2021 (01/01/2021 – 31/12/2021)	
Additional Details relating to the Baseline Emissions calculations.	
<p>Baseline emissions data for 2021 has been selected, as Scope 3 emissions can be calculated via the Howard Wright Europe ERP system. Previous Scope years are directly impacted by Covid and would not be a realistic baseline. Emission variance between years 2021 and 2022 is due to an increase on Scope 3 emissions as a direct consequence of an increase in the number of containers shipped via sea freight. Scope 1 emissions data have been calculated using the GHG Emissions Calculation Tool. Scope 2 emissions data have been calculated using UK Government GHG conversion factors. Scope 3 emissions involving sea freight have been calculated using W2W data based on EN16258 and UK Government GHG conversion factors.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	16.25
Scope 2	0.6
Scope 3 (Included Sources)	84.17 <ul style="list-style-type: none"> • upstream transportation and distribution 37.04 tCO₂e • waste generated in operations 1.6 tCO₂e • business travel <1 tCO₂e • employee commuting <1 tCO₂e • downstream transportation and distribution 13.18 tCO₂e
Total Emissions	101.02

Current Emissions Reporting

Reporting Year: 2023 (01/01/2023 – 31/12/2023)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	22.17
Scope 2	0.26
Scope 3 (Included Sources)	132.60 <ul style="list-style-type: none"> • upstream transportation and distribution 79.14 tCO₂e • waste generated in operations 4.26 tCO₂e • business travel 3.5 tCO₂e (including hotel stays) • employee commuting 2.2 tCO₂e (including WFH) • downstream transportation and distribution 43.51 tCO₂e
Total Emissions	155.03

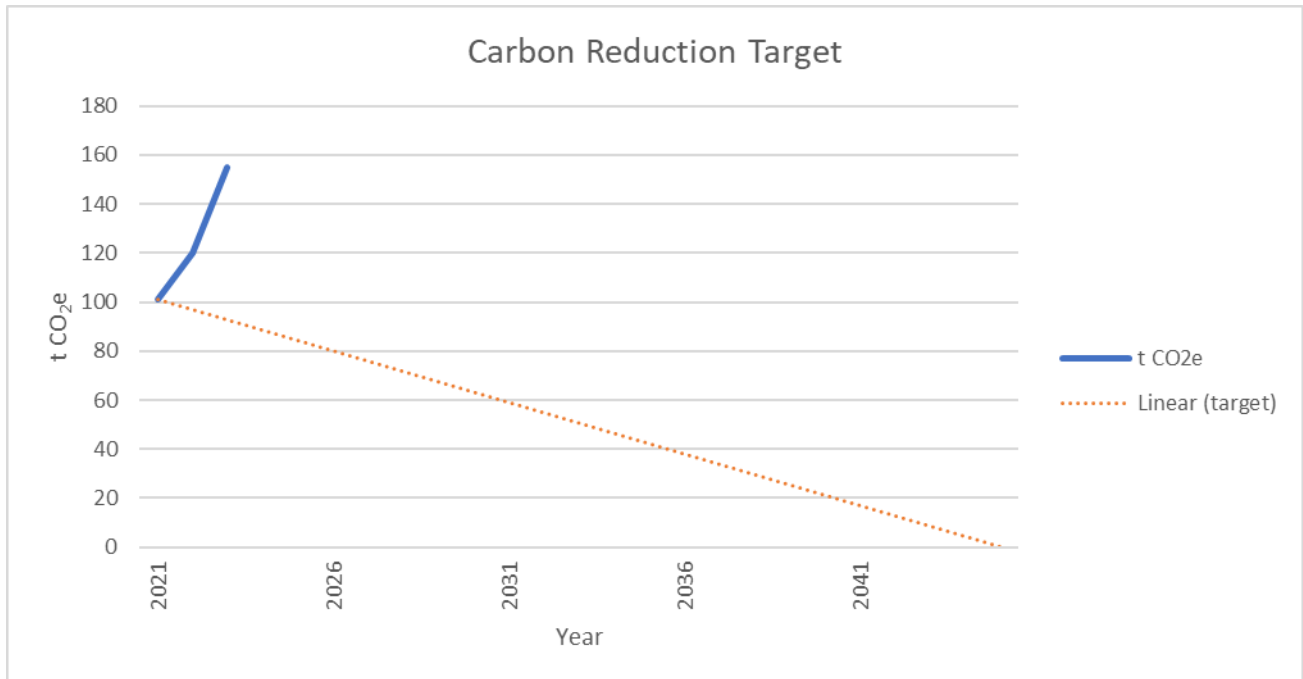
Emissions reduction targets

This is Howard Wright Europe’s second Carbon Reduction Plan. Emission reduction targets have been set however new GHG conversion factor adjustments have increased. HWE have used improved conversion factors and full km.tonneage calculations which have also increased upstream tCO₂e output calculations. Some downstream emissions were transferred to upstream emissions due to UK storage. 2022 total emissions were calculated at 119.96 t CO₂e.

In order to start and 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 three years to 152 tCO₂e, by 2027. This is a reduction of 2%. This has been adjusted from the original baseline year due to a more complete picture of logistics after Covid 19.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Due to this being the second Carbon Reduction Plan no projects or reduction measures have been implemented as yet.

Due to Covid and an increase in market share between 2021, 2022 and 2023 it is proposed the true emissions are for the years 2022 and 2023. Howard Wright Europe experienced a twofold increase in sea freight between these years. All Howard Wright Europe generated waste is recyclable, i.e. only steel and timber are used in product packaging. Cardboard is used for product spare part packaging.

The Howard Wright Europe supply chain is a simple distribution model involving mainly 3rd party freight companies. Employees are mainly home office based, already reducing commuting emissions.

The following environmental management measures and projects have been discussed and plan to be implemented prior to the end of 2027.

- Transition of the Howard Wright Europe van fleet to hybrid/fully electric when the vehicle comes to the end of its useful life. The move to a hybrid or fully electric van fleet will be determined by the adoption of electric drive technology. It is envisaged a 16 tCO₂e reduction can be made.
- Howard Wright Europe use an environmentally focused shipping company to transport 40' containers, with product packed to maximise the number of units per container. Our current shipping company is committed to greenhouse gas reduction, has substantial reporting infrastructure which is envisaged will reduce Scope 3 emissions.

- Howard Wright Europe have now adopted a work from home policy for all HWE staff, therefore premises are no longer used, reducing Scope 2 emissions to zero. HWE recommends to all staff to use low wattage lighting where possible in their home offices.

The carbon emission reduction achieved by these proposed schemes equate to a reduction of 30 tCO₂e, a 20% reduction against the more accurate 2022/2023 years and the measures will be in effect when performing the contract.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:



Managing Director

Date: 14th October 2024

Version History

Version	Date	Description
1	2023-04-01	First issue
2	2023-10-26	Commitment to Net Zero updated to 2045
3	2024-10-14	Annual emissions and reporting updated

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

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

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