Carbon Reduction Plan

Supplier name: William Hare Ltd

Publication date July 2023

Commitment to achieving Net Zero

William Hare is 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.

Baseline Year: 2010	
Additional Details relating to the Baseline Emissions calculations.	
William Hare Ltd recognises that its operations have a direct impact on the environment and has made environmental management an integral part of the management system. William Hare is committed to operating in an energy-efficient environment, having been operating to ISO 14001 since 2007 and 14064-1 certified since 2010. William Hare considers the measurement and reduction of its GHG emissions to be a principal component of its environmental and sustainability objectives and has included all three GHG emissions scopes within its reporting since the base year of 2010.	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	2,132.23
Scope 2	2,373.69
Scope 3	4,072.54
Total Emissions	8578.46

Current Emissions Reporting

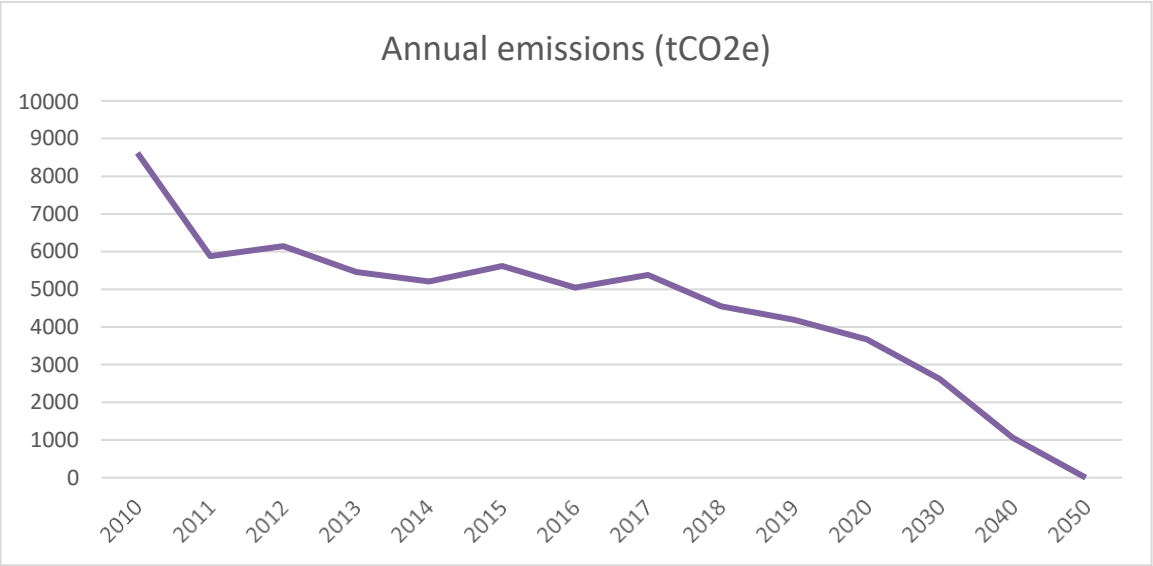
Reporting Year: 2022		
EMISSIONS	**TOTAL (tCO_2e)**	
Category 1 **Direct emissions**	2,380.62	Burning Oil/Kerosene/Parafin, Diesel retail station biofuel blend, Gas Oil, LPG stationary commercial, Natural Gas, Petrol retail station biofuel blend
Category 2 **Indirect emissions from imported energy**	917.05	Electricity UK (Generation) (2013 Methodology)
Category 3 **Indirect emissions from transportation**	3126.42	Air travel domestic (average), Air travel long haul (average), Air travel short haul (average), Car Average (unknown fuel type), Freight Road articulated truck (>33t), Freight Shipping general cargo international (average), Rail travel (national)
Category 4 **Indirect emissions from products used by organisation**	50,142.31	Electricity UK (T&D losses) (2013 Methodology), Waste disposal Metal: scrap metal Landfill. Computer, electronic and optical products, Machinery (spend), Paints, varnishes and similar coatings, printing ink and mastics, Pre calculated (tCO2-e) - Purchased goods and services, Specialised construction works, Steel, Engineering steel, Water supply
Total Emissions **Location-based** **methodology (tCO2e)**	56,566.40	

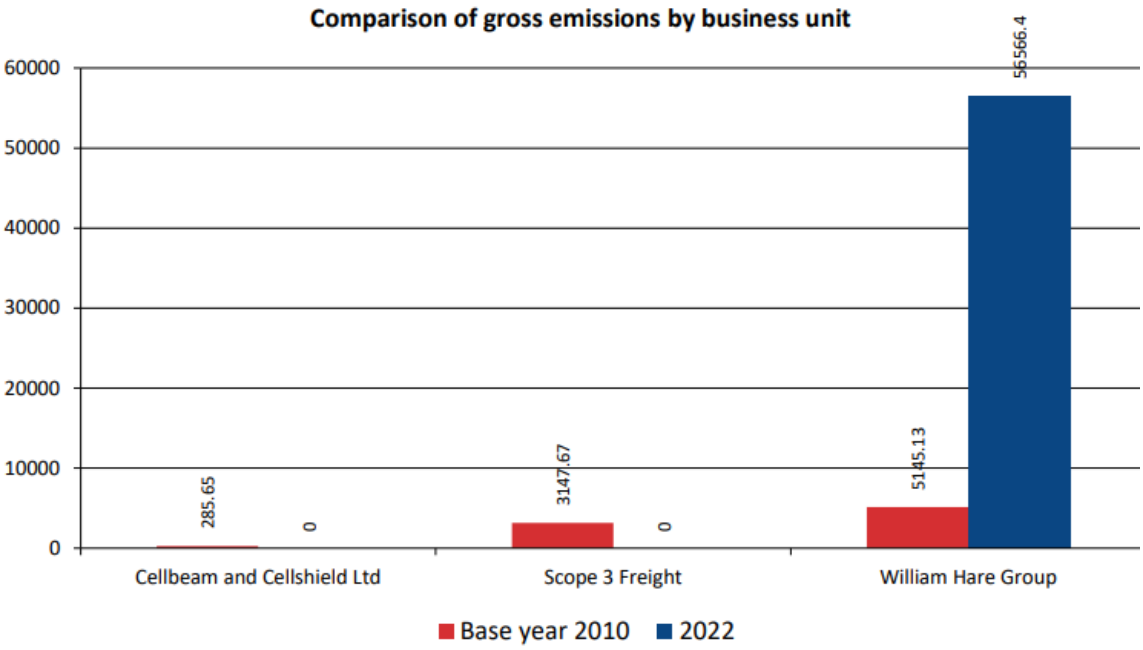
Emissions reduction targets

In order to continue the progress to achieving Net Zero, WHL have adopted the following carbon reduction targets.

WHL project that carbon emissions will decrease over the next five years to 3039 tCO_2e by 2026. This is a reduction of 17%

Historic progress and future projections can be seen in the graphs below:





In 2022, William Hare took the decision to include additional scope 3 into the reporting which includes indirect emissions associated with the use of products from the organisation.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since our 2010 baseline. The carbon emission reductions (Scope 1, 2 and mandatory scope 3) achieved by these schemes are an "Absolute" in 2010 compared to the most current data set of 2022. Verified data shows 45.06% reduction in absolute emissions (Scope 1, 2 and mandatory scope 3; tCO2e) against the base year (2010).

William Hare Ltd commitment to carbon management has been achieved through positive management and leadership from all levels of the business. To achieve the high standards expected, the business must be driven from the top down, through visible leadership and commitment. This has enabled positive changes to made to processes such as;

- Replacing sodium lighting with efficient LED alternatives within our facilities;
- Changing weld sets to invertor types resulting in the consumption of less energy whilst welding than the replaced ones used whilst on standby;
- Signing up to a green energy contract;
- Introduction of hybrid and all electric cars to our fleet of company cars, along with charging points at our key facilities;
- Removal of the larger polluting diesel engine vehicles from the company car list;
- Implementation of a cycle to work scheme to promote wellbeing and reduce the emissions associated with the travel of our employees.
- Adopted a hybrid working approach, with increased technology-based communications.

WHL have a mature SHE management system and strive to exceed compliance. We have accredited ISO 45001 (previously 18001) and ISO 14001 systems in place and subsequently have attained BES 6001 "Very Good", the first structural steel company to achieve this. In addition, the business is committed to the verifying its emissions through Toitū carbon reduction certification standard (formerly known as CEMARS (Carbon Emissions Management and Reduction Scheme) which is aligned to the ISO 14064-1 standard, and forms an important part of our commitment to Science Based Targets (SBT) initiative.

WHL have been awarded the 10 year achievement award by Achilles for continued carbon reduction over a 10+ year period, having achieved significant reduction in carbon emissions (5-year rolling average) reduction since the baseline year of 2010.

Our Science Based Targets have been submitted and are currently under review.

Whilst the business sets out its roadmap to net zero, the decision was taken to compensate the currently unavoidable carbon emissions through high quality carbon offsets and as such William Hare became the first UK steel fabricator to be certified Carbon Zero.

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

- Continued review of the incorporation of emissions associated with upstream distribution into our current scope 3 measures to be included within the next certification period.
- Finalisation of William Hare's Road Map for achieving 'net zero' aligned to a Science Based Targets, which will be a significant challenge and may include fundamental changes to the business model.
- Implement the Energy Management standard ISO 50001 into the organisation.
- Closely working with the supply chain and haulers to explore and encourage reduction in carbon, including trials for more environmentally efficient alternative options

The embodied carbon associated with our projects is also influenced by our supply chain. We are fully engaged with our supply chain to encourage them to reduce the embodied carbon associated with their materials by 50% by 2030 and 100% by 2050, of which many of them have already committed to do so through various commitment/compliance schemes (e.g. Steel Zero).

The business is looking to further reduce its emissions through transport efficiencies; continuously looking to maximize average loads and to reduce empty running where possible. All current wagons, which include subcontractors, are fitted with Euro Cat 6 units. We are engaged with our haulers to help reduce the scope 3 emissions of both ourselves and the suppliers, including pilot projects on low/zero carbon alternative fuels.

Our electricity consumption forms a large part of our emissions so we are reviewing alternative energy options such as solar PV, wind, and CHP at our facilities.

We aim to engage with our key clients to explore the reduction of carbon associated with our site activities. Such initiative may include electric plant and renewable energy generation options.

Declaration and Sign Off

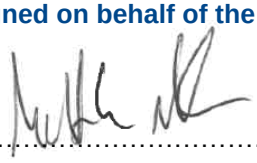
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard[7] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[8].

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[9].

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:



……Matthew Nesbit (Director)

Date: 20th July 2023

[7] https://ghgprotocol.org/corporate-standard
[8] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[9] https://ghgprotocol.org/standards/scope-3-standard