

PPN 06/21 Carbon Reduction Plan

Supplier name: **McLaughlin & Harvey**

Publication date: **1 June 2022**



Commitment to achieving Net Zero

McLaughlin & Harvey is committed to achieving Net Zero emissions by **2030**.

In delivering the facilities and infrastructure we need to live and thrive while employing millions of people, the UK construction industry is a major contributor to society. However, the industry is also a significant contributor to climate change emissions and resource consumption; 40% of all UK emissions are construction related, while half of all natural resource extraction produces the materials we use. In a period which has seen huge global collaboration, climate change collaboration on the full life cycle of the built environment is required to reduce both direct emissions and embodied carbon.

Emissions reduction targets are nothing new; companies have been setting targets for decades, however there is clear acknowledgement that a science-based approach ensures that targets are aligned with accepted climate science to achieve the desired limiting effects on climate change. This is the foundation of our Net Zero Strategy.

Our commitment to Net Zero as signatories to the UK Contractors Declare Initiative demonstrates the responsibility we feel for our share of the industry's carbon emissions. To combat climate change, we are committed to adapting our business to support a UK low carbon economy and will achieve Net Zero by 2030 while reducing annual emissions.



Timeline extract from Strategy, available at <https://www.mclh.co.uk/news-insights/2021/march/committing-to-net-zero-by-2030>

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: 2019

Additional Details relating to the Baseline Emissions calculations.

Our baseline year has been set as 2019, with 2021 data validated by formal external audit due to achieving certification to ISO14064 early in 2022. The standard covers all of our emissions across all three Scopes, and will help drive our Net Zero strategy by ensuring that we give equal attention to all aspects of our business no matter the scale or extent of individually Scoped emissions.

Baseline year emissions: 2019

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	10,222
Scope 2	498
Scope 3	4,165 (included sources)
Total Emissions	14,885

Current Emissions Reporting

Reporting Year: 2021

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2940.95
Scope 2	1060.70
Scope 3	6655.44 (included sources)
Total Emissions	10657.09

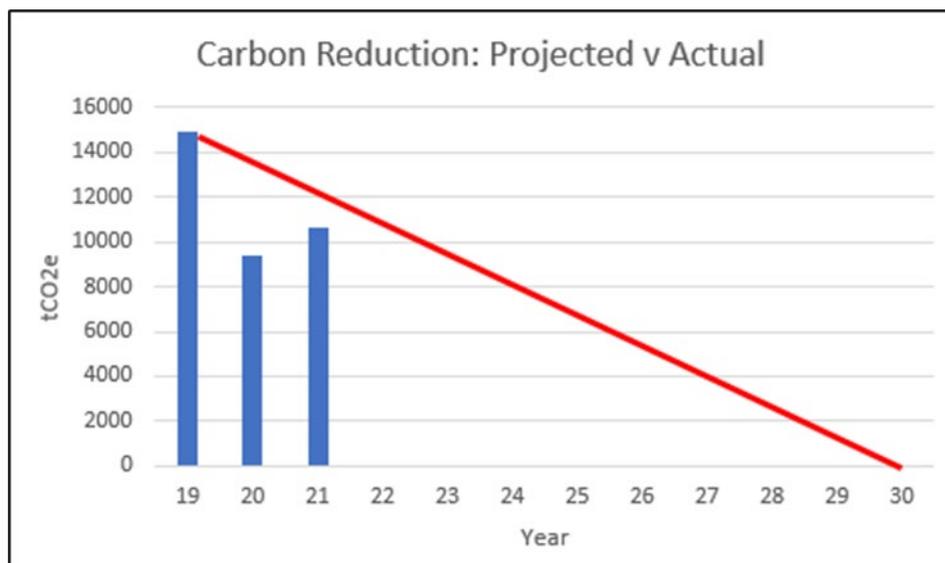
Emissions Reduction Targets

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 three years to circa 4,000 tCO₂e by 2024. This is a reduction of 73%.

Our Company objective is that we will be Certified Net Zero by 2030 at the latest.

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 4228 tCO₂e, a 28% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

- Achievement of certification to ISO14064 in relation to Greenhouse Gas Measurement, Reporting and Verification;
- Certified Carbon Literacy Training for all staff and supply chain partners, certified by the Carbon Literacy Trust;
- Installation of EV charge points at our Office
- Use of biofuels on projects;
- Project level trials of solar/hybrid generators;

- Use of Life Cycle Analysis software on projects to assess potential embodied or operational carbon savings;

Future Carbon Reduction Initiatives

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

- All company offices & site facilities to be powered and heated by zero emission energy sources;
- Reduction in normalised waste production;
- Continued installation of EV Charging Points at our offices & project locations;
- Transition to an ultra-low emissions vehicle (ULEV) fleet;
- Support our supply chain to pilot innovative equipment and machinery to reduce their carbon emissions;
- Collaborate with Clients and Designers to ensure Whole Lifecycle Carbon is considered during each phase of the project; and
- Certified Net Zero Construction declarations on projects in conjunction with ISO14064 audit and Gold or VCS standard offset projects.

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.

Signed on behalf of McLaughlin & Harvey:



Philip Cheevers
Group Chief Executive