



Carbon Reduction Plan

Supplier name:P McVey Building Systems.....

Publication date:5th October 2022.....

Commitment to Achieving Net Zero

P McVey Building Systems is committed to achieving Net Zero emissions by 2050 in line with current government targets.

Baseline Emissions Footprint

Baseline emissions have been calculated for greenhouse gases that were produced by the company in the calendar year 2021 prior to the introduction of any strategies to reduce emissions. These calculations will serve as the reference point against which emissions reductions for the company will be measured, helping to focus energy efficiency and overall carbon reductions strategies for the company.

Emissions Calculations Methodology

Emissions are calculated using conversion factors from the UK government Department for Business, Energy & Industrial Strategy published June 2022 with exception of Scope 2 where the conversion factor was obtained direct from the company's electricity supplier. Emissions from grid electricity generated on the island of Ireland are not currently equivalent to the UK-wide average.

Scope 2 emissions for the baseline year were based on estimated supplier readings. Scope 2 emissions for current year are based on actual readings with the exception of the final quarter of 2022. All emissions for the final quarter of 2022 were estimated based on average monthly usage across a 20-month monitoring period. Ongoing monitoring for 2022 will be based on actual figures as they are received. Productivity has increased in the current year compared to 2021. As such, emissions are higher when compared to the baseline year.

The company's Scope 3 emissions have not yet been monitored in entirety. However, figures were accessible for waste tonnages and plasterboard material purchased and these emissions were included in calculations. As part of the company's carbon reduction plan, capturing Scope 3 emissions in more comprehensive detail has been identified as an improvement target.

Reporting is based on the company's emissions over which it maintains operation control as detailed in the Technical Standard for Completion of Carbon Reduction Plans published by the Cabinet Office.



Baseline Year: 2021	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1 -Forecourt diesel -Construction site diesel -Heating oil	134.6 t
Scope 2 -Grid electricity	7.0 t
Scope 3 -Mixed construction & manufacturing waste -Plasterboard materials	5.5 t
Total Emissions	147.1 t

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1 -Forecourt diesel -Construction site diesel -Heating oil	140.3 t
Scope 2 -Grid electricity	12.5 t
Scope 3 -Mixed construction & manufacturing waste -Plasterboard materials	4.2 t
Total Emissions	157.0 t



Emissions Reduction Targets

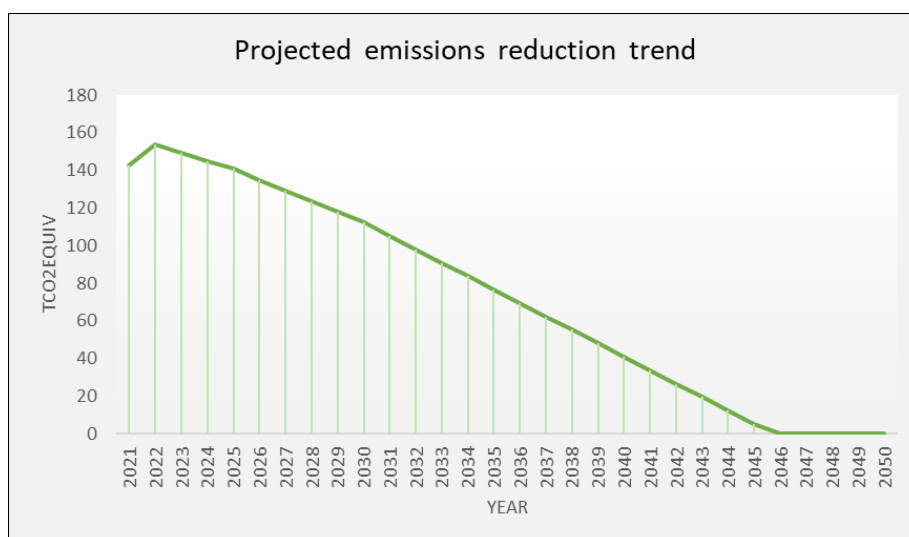
In order to start the journey towards achieving Net Zero, the company has adopted the following carbon reduction targets -

- A 3% annual reduction from baseline over the years 2023 – 2025

- A 4% annual reduction from baseline over the years 2026 – 2030.

- After 2030 a minimum of 5% annual reduction from baseline will ensure the company achieves net zero before 2050 as shown in the graph below. This will be in part supported by the mandatory phasing out of diesel vehicles by 2030 as per government mandates.

Projections currently show that Scope 1 & 2 carbon emissions will decrease over the next five years to 132 tCO₂e. This is a cumulative short-term reduction of 10% from currently available estimated 2022 emissions. A continuous detailed review of Scope 3 emissions within the company's operational control will allow for necessary adjustments to these targets and projections.



Carbon Reduction Projects

The company has not yet implemented measures for carbon reduction against its current baseline. However, the company is ISO 14001:2015 accredited since 2018 and maintains environmental improvement objectives and targets outlined below in line with the requirements of the standard. Such objectives will assist the company in managing its carbon emissions.

- Increase site waste segregation to reduce waste to landfill and improve recycling rates (Scope 3)
- Investigate options for sustainable management of timber and cardboard waste (Scope 3)
- Reduce road diesel consumption through monitoring and consider purchase of electric or hybrid vehicles (Scope 1)



In addition to existing ISO 14001 objectives, the company has identified further more ambitious projects and measures to achieve Net Zero by 2050. These will be targeted based on which activities contribute to the greatest proportion of emissions. The company is currently designing a new premises which will provide opportunities for low carbon M&E systems. It is recognised that a new baseline level will need to be established once the new premises are operational.

Emissions Source	Scope	Actions	Priority Level
Direct transport/diesel	1	<ul style="list-style-type: none"> -Monitor usage -Deliver eco driver training to all operatives and refresh annually -Review COVID-19 policy discouraging carpooling. Maximise vehicle sharing opportunities. -Develop a transport plan to ensure optimal efficiency with vehicle routes and loading. -Ensure regular routine servicing is carried out on vehicles for optimum efficiency and pollution reduction -Upgrade vehicle fleet to LEVs, phasing out all diesel vehicles by 2030 	High
All scope 3 emissions with company's operational control	3	<ul style="list-style-type: none"> -Conduct a full assessment of Scope 3 emissions -Review carbon reduction plan continuously as Scope 3 data capture improves -Identify areas for Scope 3 emissions reductions to achieve Net Zero in line with existing targets 	Medium
Heating Oil	1	<ul style="list-style-type: none"> -Control heating oil use through use of engineered solutions such as thermostatic controls and timers -Eliminate heating oil use by investigating & installing low carbon heating solutions at new premises 	Medium
Grid electricity	2	<ul style="list-style-type: none"> -Reduce electricity use through active management & switching off policy -Deliver staff training on office and workshop energy efficiency -Investigate suppliers who offer greener energy with lower emissions -Install energy efficient lighting and electrical systems at new premises -Install solar PV on new premises 	High
Construction site diesel	1	<ul style="list-style-type: none"> -Phase out red diesel use on work sites -Investigate options for sourcing hybrid or electric plant on sites -Consider solar PV on site huts where feasible 	Low



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 reporting](https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting)².

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:

Mike McVey

Date:05.10.22.....

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>