



Uni-Mill Engineering Ltd

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Uni-Mill Engineering Limited Carbon Reduction Plan

Uni-Mill recognises that it has a responsibility to the environment beyond legal and regulatory requirements. We are committed to reducing our environmental impact and continually improving our environmental performance as an integral part of our business strategy and operating methods, with regular review points. We will encourage customers, suppliers and other stakeholders to do the same.

Uni-Mill is committed to achieving Net Zero emissions by 2050 and having a carbon reduction strategy that continually reduces our emissions each year through continuous improvement.

The Directors of Uni-Mill are responsible for ensuring that the carbon reduction plan is implemented. However, all employees have a responsibility in their area to ensure that the aims and objectives of the policy are met.

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 2018	
The Greenhouse Gas Protocol 'GHG Emission Calculation Tool' was used for the below calculations.	
Baseline Year Emissions 2018	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	28.47
Scope 2	474.85
Scope 3	Not calculated
Total Emissions (Scope 1 and 2 only)	503.32

Emissions reduction targets

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

We project that Scope 1 and Scope 2 carbon emissions will decrease to 352.3 tCO₂e by 2026. This is a reduction of circa 30% from our baseline year.

We project that Scope 1 and Scope 2 carbon emissions will decrease to 251.7 tCO₂e by 2030. This is a reduction of circa 50% from our baseline year.

Report on Scope 3 emissions by 2026.

Current Emissions Reporting

Reporting Year: 2023						
Year	2018	2019	2020	2021	2022	2023
Scope1	28.47	19.89	16.84	35.39	20.31	16.15
Scope2	474.85	501.31	406.73	407.98	427.16	358.91
Scope3	Not currently calculated					
Total Emissions (Scope 1 & 2 only)	503.32	521.2	423.57	443.37	447.47	375.06
% Difference to base line	--	+3.49%	-17.2%	-12.7%	-11.7%	-29.2%
% Yr on Yr Difference	--	+3.49%	-20.7%	+4.6%	+0.9%	-17.6%

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been implemented since the 2018 baseline.

- In 2022, Uni-Mill replaced its office lighting with low energy LED lighting.
- In 2022, Uni-Mill introduced recycling of all waste material.
- In 2023, Uni-Mill installed a large scale PV Solar Panel system on its factory roof.
- In 2023 a Heating switch was installed on rear door (heating will only come on if door is closed).
- In 2024, Uni-Mill replaced its shopfloor lighting with low energy LED lighting.
- In 2024, Uni-Mill joined the EcoVadis sustainability platform.

Some of our planned Carbon Reduction Initiatives

For detailed activities these are recorded separately in Uni-Mill 'Carbon Reduction Action Plan'.

- Uni-Mill have several initiatives being continually reviewed and progressed during the year with formal quarterly reviews. Initiatives include:
- Uni-Mill will replace its diesel van with a new electric van and electric charging station, due October 2024.
- Uni-Mill to investigate getting a REGO certificate from its energy supplier for the green energy it is supplied.
- Uni-Mill to review options for electric heated hot water to move towards a gasless site.
- Uni-Mill to review Installation of movement sensors for lighting.
- Uni-Mill continued encouragement towards Hybrid / Remote meetings.
- Uni-Mill to use EcoVadis to improve our Scope 3 reporting

Employee learning and behaviour change

Every role in Uni-Mill has an impact on our carbon emissions, and informed and motivated employees are key to making reductions. Every worker can reduce their energy footprint simply by switching off equipment at night, separating and sorting waste and travelling as sustainably as possible.

Actions taken to reduce the impact of employee behaviours and actions will have impact primarily on Scope 2 Electricity and some parts of Scope 3 Travel:

- Regular information on reducing environmental impacts, carbon reduction and pertinent recent environmental events could be shared with Uni-Mill employees in various means such as a Newsletter.
- Role by role analysis could be undertaken and then each person given a number of actions and areas which they should ensure they act on.
- An overall performance dashboard for Uni-Mill carbon reduction should be regularly updated and displayed prominently on internal channels (eg email dashboard or notice boards)
- Regularly review and update working arrangements in line with best practice and latest technology developments

Declaration and Sign Off

This Carbon Reduction Plan has been reviewed and signed off by the Directors.

P.R. Leed
04/11/2024

Mark Rayner
4/11/2024, 4/11/2024