



Carbon Reduction Plan



Introduction

This Carbon Reduction Plan conforms to the requirements of Procurement Policy Note PPN06/21; “Taking Account of Carbon Reduction Plans in the procurement of major government contracts”, published in June 2021 and the supporting “Technical standard for the Completion of Carbon Reduction Plans”.

The Multipave (NW) Ltd financial year starts on 1st April and ends on 31st March; our carbon reporting has been aligned to this reporting cycle since the initiation of our baseline year and carbon emission reporting. The current reporting period covered by this plan is 1st April to 31st March 2022.

Multipave recognise the environmental challenges facing the world, the country, and our industry and have begun their journey on the reduction of ‘carbon emissions’ (in the wider definition of all greenhouse gas emissions); in 2021 Multipave collaborated with the North & Western Lancashire Chamber of Commerce and the ‘Chamber Green Rose’ initiative in order to assess the position of the business, and to establish our base year data.

Our Carbon Reduction Targets

Multipave are committed to achieving net zero carbon emissions by 2050 for all scope 1 and scope 2 emissions, and for the scope 3 emissions that are within our control.

Baseline Emissions Footprint:

Baseline year to March 20/21

Emissions	Total CO2e
Scope 1	712.95
Scope 2	13.29
Scope 3	
Total emissions	726.24

Reporting year Emissions Footprint:

Reporting year to March 21/22

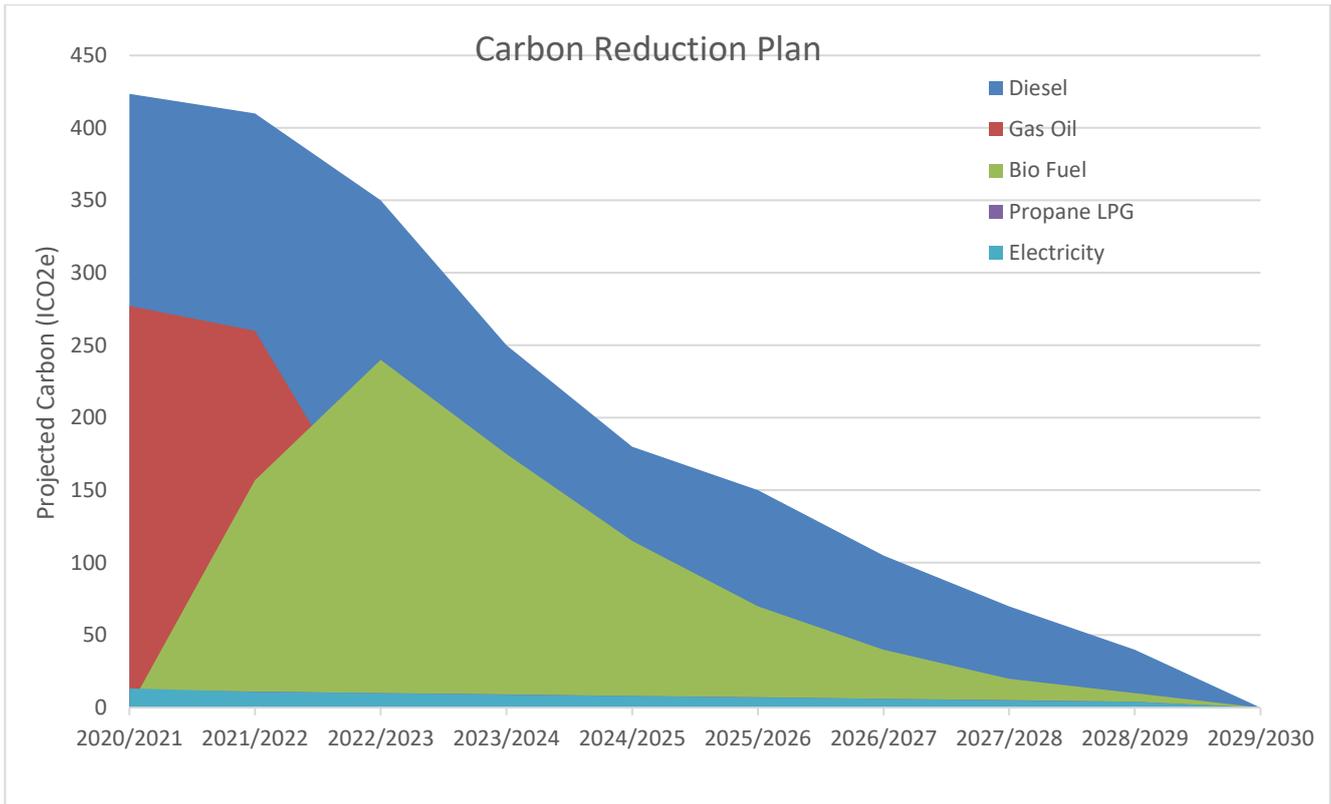
Emissions	Total CO2e
Scope 1	694.76
Scope 2	11.01
Scope 3	
Total emissions	705.772

The business is delighted to report a ‘year 1’ reduction in scope 1 and 2 emissions of almost 3%. We believe that this is a creditable effort when considering that our baseline year was essentially ‘lockdown year’ and represented a very different way of undertaking business. We also fundamentally believe that this is only the start of our carbon journey, and we look forward to seeing the benefits our approach will yield over the coming years.



The business is committed to maintaining a 3% year on year reduction over the coming reporting years 22/23, 23/24, and 24/25.

Whilst Scope 3 emissions data has not been formally included in this report, we assembled along as part of the Green Rose initiative some solid preliminary data on Scope 3; we will use this data along with a review to ensure PPN06/21 compliant reporting along a series of subsets including train travel/ public transport, hotel stays, water, business mileage costs, commuting mileage not paid for by Multipave, and construction/demolition/excavation waste.



Carbon Reduction Actions and Projects

The business has committed to implementing the following approach to ensuring carbon reduction across all parts of the business:

- Gathering ongoing robust data
- Targeting emissions plans for 'known emissions sources'
- Developing and implementing carbon reduction awareness initiatives across both our staff and our supply chain
- Collaboration; internally, and externally reaching out to clients, supply chain and local stakeholders

Current success

- We have installed, LED lighting internally and externally at our headquarters since 2019
- We currently buy 100% of our electricity via a certified renewables tariff
- Install a rainwater harvesting system at our headquarters which supply's all the water to run steam cleaning bays and workshop
- Actively promoting our range of CL948 in house products.
- Replace all office paper sources with recycled versions
- Swap construction plant fuel from regular diesel to bio diesel in all our plant
- Encourage hybrid working to reduce business miles
- Replace older machinery with the most fuel-efficient models
- Sourcing local materials where possible to reduce transportation emissions

Net zero for our own operations by 2030

- Our company cars will be 100% electric by 2027
- Our non-HGV commercial fleet will be 100% electric by 2029
- Install Solar panels to headquarters building by 2025
- Change small plant items, where feasible, to electrically powered machinery by 2024
- Introduce an ISO 50001 Energy Management System to drive continuous improvement in energy efficiency
- Reduce waste by 40%

Net zero for our construction projects by 2030

- Further develop and market our CL948 material range of cold lay materials
- Gain approval for ECOphalt to be used as an approved alternative to hot lay binder courses by 2024
- Actively promote and encourage the use of recycled materials to all our clients
- All hot lay Base and binder courses to be substituted for Low temperature versions by 2025
- Promote the use of recycled surface courses and act as an innovation partner for our main asphalt suppliers.

Net Zero for all our business operations by 2040

- Net Zero for all business operations without offsetting

Offsetting

Multipave remain committed to making real reductions in our carbon emissions. Our priority will always be to implement changes which reduce our carbon output rather than offsetting. Offsetting will only be considered for emissions that are unfeasible to be eliminated. A net zero claim will only be made when residual emissions are considered unviable to eliminate.



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 the Streamlined Energy and Carbon Reporting (SECR) requirements, and for the year ahead, required the subset of Scope 3 emissions will be reported in accordance with the published 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 for Multipave (NW) Limited.

Name: John Ralphs

Signed: 
Position: Managing Director

