

EVMUK Carbon Reduction Plan

8th September 2022



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COMMITMENT FOR ACHIEVING NET ZERO

EVM UK is committed to achieving Net Zero emissions by 2050.

Our base figures have been calculated using the GHG Conversion Factors 2022 published by the UK Government.

We have used the period 1st lan 21-31 Dec 21 for our baseline data.

This plan sets out the Carbon Reduction Plan for EVM UK in response to Public Procurement Notice (PPN) 06/21.

EVM UK continues to take steps to reduce carbon from its direct and indirect operations by implementing the Institute of **Environmental Management And** Assessments (IEMA) Green House Gas (GHG) Management Hierarchy.

IEMA Greenhouse Gas Management Hierarchy (updated 2020) Eliminate Influence business decisions/use to prevent GHG emissions across the lifecycle · Potential exists when organisations change, expand, rationalise or move business Transition to new business model, alternative operation or new product/service

• Real and relative (per unit) reductions in carbon and energy · Efficiency in operations, processes, fleet and energy management Optimise approaches (eg technology and digital as enablers)

Substitute

- · Adopt renewables/low-carbon technologies (on site, transport etc) · Reduce carbon (GHG) intensity of energy use and of energy purchased
- Purchase inputs and services with lower embodied/embedded emissions

Compensate

- Compensate 'unavoidable' residual emissions (removals, offsets etc) · Investigate land management, value chain, asset sharing, carbon credits Support climate action and developing carbon markets (beyond carbon neutral)
- Updated from original IEMA GHG Management Hierarchy, first published in 2009

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SCOPE 1 FACTORS 2021



Fuels

14,266 Litres **38.52** TCO²



Refrigerant Leaks

0 Leaks **0.00** TCO²



Vehicles

Passenger 20,057 miles 4.67 TCO²



Delivery **Vehicles**

137,134 miles **56.24** TCO²



Natural Gas

13,720 KWH 2.50 TCO²

TOTAL SCOPE 1 TONNES OF CO² PRODUCED IN 2021 **101.93** TCO²

EVM UK does not use Bioenergy and no figures have been reported



SCOPE 1 ACTIONS 2021

Actions Required	Advantage of implementation	Date of action
Introduce electric vehicle range to customers	Reduction in fuels used for deliveries	01/03/22
Phase vehicle replacement in place to all be electric.	Reduction in fossil fuel usage for company car fleet.	01/10/21
Public Transport to be used where possible for delivery drivers	Using less co2 to travel back, improves road congestion and reduces air pollution.	On going
Friendly air conditioning	New HVAC system in place with regular maintenance to prevent leaks of harmful gasses	01/04/22

TOTAL ACTIONS COMPLETE 4/4



SCOPE 2 FACTORS 2021



UK Electricity 21,729 KWH **4.20** TCO²



UK Electricity For Evs

0 KWH0 TCO²

TOTAL SCOPE 2 TONNES OF CO² PRODUCED IN 2021 4.2 TCO²

No other factors in Scope 2 apply to EVMUK



SCOPE 2 ACTIONS 2021

Actions Required	Advantage of implementation	Date of action
Office and PIR lights	Movement triggered lights minimising electrical wastage	01/04/22
Quooker	Only used when required and reduces water and electricity usage	01/04/22
Staff laptops used not computers,	Laptops are 80% more energy efficient.	01/04/22
Rechargeable batteries		Investigating
Solar Panels		Investigating

TOTAL ACTIONS COMPLETE 3/5



SCOPE 3 FACTORS 2021



Upstream Goods In Transportation **31.84** tcO2



Waste Disposal 3303 KG combusted **70.29** tc02



Business 55 Flights Travel **5.46** tcO2



Employee Commuting 12 employees **6.90** tcO2



Goods out **0.61** tcCo2

TOTAL SCOPE 3 TONNES OF CO² PRODUCED IN 2021 **115.1** TCO²

EVM UK does not use Bioenergy and no figures have been reported



SCOPE 3 ACTIONS 2021

Actions Required	Advantage of implementation	Date of action
Cycle to work scheme	Reduces parking and congestion	01/01/22
Car sharing	Fuel and co2 reduction	Investigating
Reuse, recycle, reduce	No landfill, materials used such as cardboard boxes to send our parts out to customers. Our bins are sent to be burned with our supplier Veolia.	Ongoing
Work from home scheme	Staff can work remotely and this saves co2 being produced	Ongoing
Travel when only necessary	By using software's such as Teams, Zoom, this saves us having to travel to factories and new customers when we can have meetings over the internet. This helps towards reducing our carbon foot print.	Ongoing
Use transport where electric is available	By using local suppliers who have electric fleet vehicles to transport goods onwards this will reduce co2	Investigating

TOTAL ACTIONS COMPLETE 4/5