PlanetMark | AGM GROUP

PPN CARBON Reduction Plan
AGM Group

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AGM Group

16/02/2024

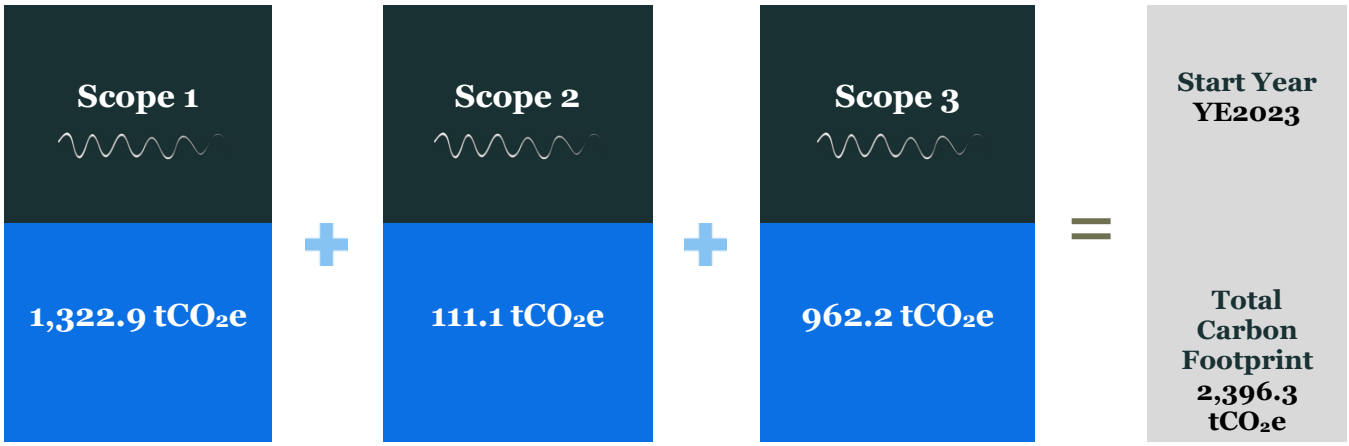
Commitment to achieving Net Zero

AGM Group is committed to achieving Net Zero emissions by 2040. To meet this target, AGM Group has created its own carbon reduction action plan which details a series of activities it is planning to move towards net zero. Further details around this plan, including the annual reduction required to meet this target, are detailed within this document.

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.

AGM Group reported its scope 1 and 2 emissions as well as the required subset of scope 3 emissions for the carbon reduction plan for the first time in YE2023.



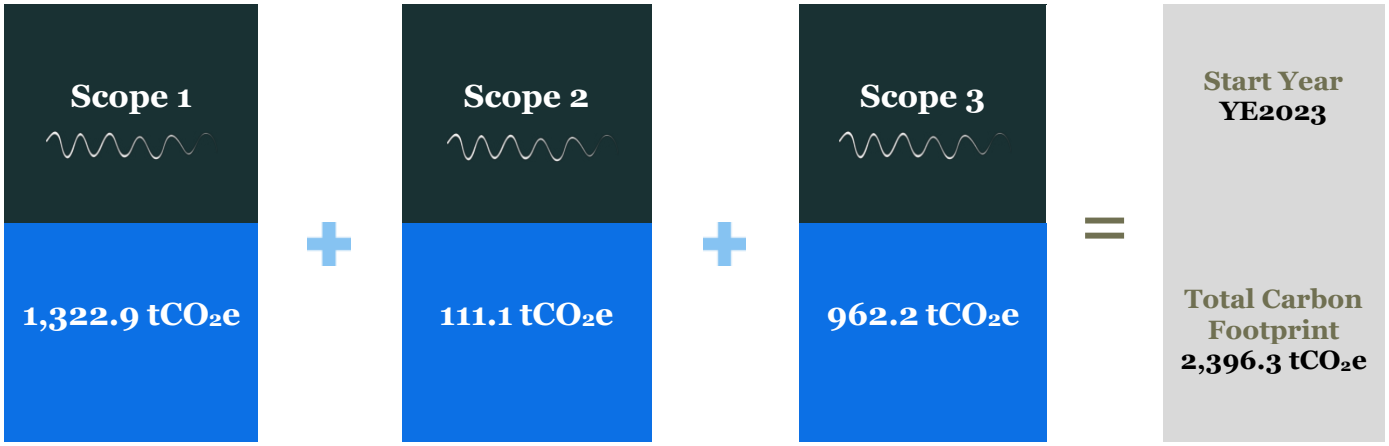
Additional details relating to the Baseline Emissions calculation

This is the first year in which AGM Group has measured the full scope of emissions required for PPN 06/21. As well as its Scope 1 and 2 emissions, AGM Group has measured its waste, business travel, upstream transport and distribution, downstream transportation and distribution and commuting.

Current Year Emissions Footprint

Current Year emissions are a record of the greenhouse gases that have been produced in the current year of reporting following the introduction of any strategies to reduce emissions. Current emissions are used to record the measurement of reduction in the reporting period.

Due to this being AGM Group's baseline year no reduction measures have yet been quantified.



Additional details relating to the Current Emissions calculation

Current emissions calculations include the subset of scope 3 categories required for PPN 06/21. For AGM Group, this includes waste, business travel, upstream transport and distribution, downstream transportation and distribution and commuting.

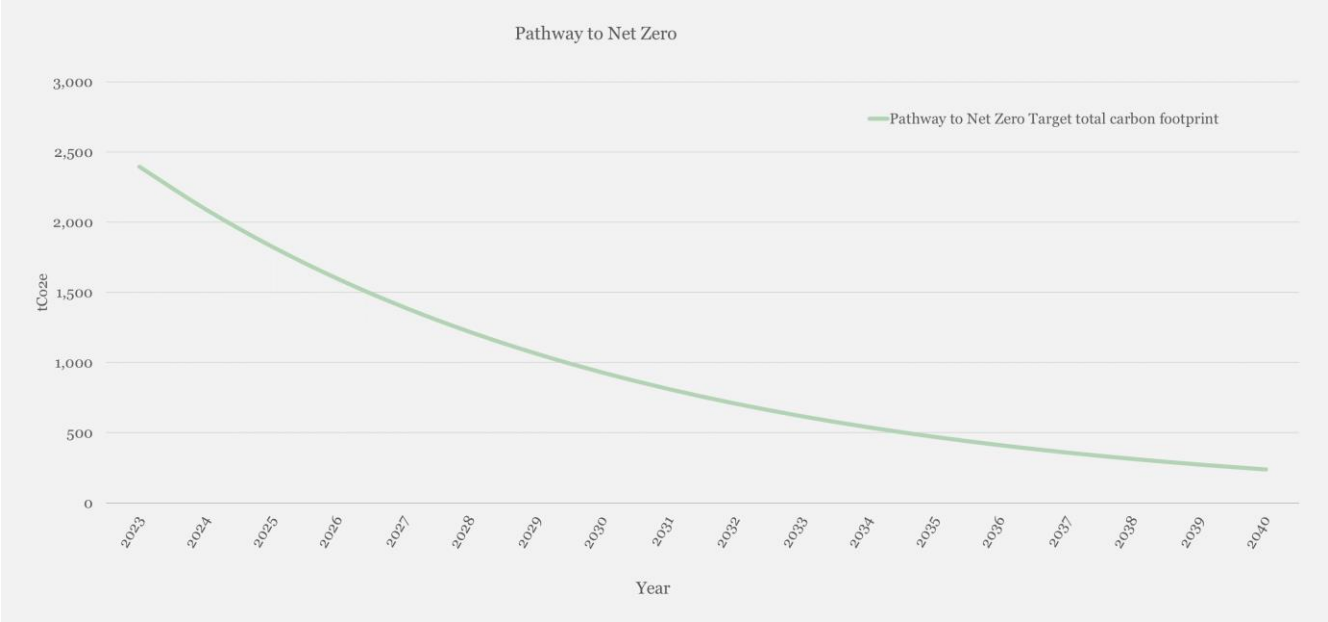
Current Year Emissions Breakdown

			Current		
			01 July 2022 to 30 June 2023		
Source	**Scope**	**Unit**	**Amount**	**tCO_2e**	**% total carbon footprint**
Buildings					
Electricity (location-based)	2	kWh	508,589.2	111.1	5%
Electricity (market-based)	2	kWh	508,589.2	2.4	-
Natural Gas	1	cubic metres	6,202.0	12.6	1%
Natural Gas	1	kWh	240,381.0	44.0	2%
Propane	1	litres	8,848.0	13.7	1%
Transmission and Distribution Losses	3	kWh	508,589.2	8.8	0.4%
Procurement					
Freight Air	3	tonne.km	167,504.5	108.7	5%
Freight Car	3	km	4.4	0.001	0.01%
Freight HGV	3	tonne.km	321,222.0	53.9	2%
Freight Ship	3	tonne.km	8,616,218.7	138.9	6%
Freight Van	3	tonne.km	9,748.6	5.6	0.2%
Paper Primary Content	3	tonnes	1.3	1.2	0.1%
Travel					
Fleet Diesel Fuel	1	litres	498,651.1	1,252.6	52%
Air Travel	3	passenger.km	146,276.5	25.1	1%
Rail Travel	3	passenger.km	6,167.1	0.2	0.007%
Petrol Fuel	3	litres	154.1	0.3	0.01%
Petrol Car	3	km	40,095.2	6.7	0.3%
PHEV	3	km	160.0	0.02	0.01%
Hybrid Car	3	km	982.0	0.1	0.005%
Hotel	3	Room per night	8.0	0.1	0.003%
Electric Car	3	km	556.8	0.03	0.001%
Diesel Fuel	3	litres	7,100.2	17.8	1%
Diesel Car	3	km	135,090.8	24.6	1%
Taxi	3	km	2,153.0	0.5	0.02%
Commuting Walking	3	km	2,774.2	0	0.0%
Commuting Petrol Car	3	km	1,053,746.7	182.0	8%
Commuting PHEV	3	km	120,426.4	11.1	0.5%
Commuting Motorbike	3	km	13,195.6	1.2	0.1%
Commuting Hybrid Car	3	km	59,742.6	6.5	0.3%
Commuting Electric Car	3	km	93,782.9	5.3	0.2%
Commuting Diesel Car	3	km	1,127,248.2	198.8	8%
Commuting Bus	3	passenger.km	33,965.4	3.8	0.2%
Commuting Bike	3	km	53,852.8	0	0.0%
Commuting Average Car	3	km	3,317.0	0.6	0.02%
Bus	3	passenger.km	20.7	0.002	0.01%
Commuting Rail	3	passenger.km	58,976.9	2.0	0.1%
Van	3	km	53.1	0.01	0.01%
Waste					
Energy from Waste	3	tonnes	78.8	1.7	0.1%
Landfill	3	tonnes	289.3	150.5	6%
Recycled	3	tonnes	250.2	5.3	0.2%
Water					
Water Supply	3	cubic metres	3,314.0	0.6	0.02%
Water Treatment	3	cubic metres	2,320.6	0.5	0.02%
Total (location-based)		**tCO_2e**		**2,396.3**	
Total (market-based)		**tCO_2e**		**2,287.6**	

Emissions Reduction Targets

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 sixteen years to **239.6** tCO_2e by **2040**. This is a reduction of **90**%.



Summary

To be able to reach Net Zero by 2040, AGM Group are required to make an annual reduction of 14%. This is based on a 90% reduction with the remaining 10% of emissions to be offset. In order to achieve this reduction, AGM Group has a series of carbon reduction projects planned which are detailed later within this document.

Start Year	Year to achieve Net Zero	Net Zero target Reduction per year
YE2023		
2,396.3	YE2040	14%

Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2023 baseline to date. Due to the current year being the baseline, it is not yet possible to determine the carbon emission reductions achieved by these schemes.

AGM Group has successfully certified to The Planet Mark for the reporting period 1st of July 2022 – 30th of June 2023 which is AGM Group's first year of certification. The Planet Mark is a sustainability certification that recognises continuous improvements, encourages action, and builds an empowered community of like-minded individuals. AGM Group also makes a commitment upon certification of the Planet Mark to achieve a reduction in their measured carbon footprint year on year.

AGM Group holds environmental policies across its various subsidiaries, these outline not only how the policy was created and why, but also the actions expected to remain in line with this policy. Alongside this, it also holds an ISO14001 certification.

The Group COO is responsible for energy management and LED lighting has also been fitted in many of its offices and warehouses. AGM Group is also moving towards EVs for all company vehicles, and to aid this transition it was involved in an 18-month clinical trial to reduce the carbon emissions associated with its diesel engine vehicles.

These measures and projects are planned to continue from the current year onwards, to drive the carbon footprint towards our net zero carbon targets.

Net Zero Action Plan

		Projects	Accountability	Timeline	Costs	Carbon Saving	Priority
	**Employee Engagement**	Run an internal campaign to raise awareness of the scale of emissions and the need to consider carbon impact in decisions. Embed carbon impact considerations into employee engagement/sustainability training platform. Recruit a team of champions across the business to drive our sustainability strategy in their areas. Sustainability champions could be people who are passionate about climate action and sustainability and making improvements in these areas within the business. This could include attending sustainability events or undertaking specific training to increase knowledge in these areas. Create an internal Green Team from motivated staff members across the company to own and drive plans and targets. They could establish regular sustainability updates to share new progress, stories and events. Continue, and plan to increase, staff engagement – to educate and encourage reduction in energy consumption when on site, and in taking personal ownership. Ensure supplementary net zero carbon training is delivered for all staff in relevant positions. Develop low carbon case studies to understand best practice, decision processes followed and share learnings.	Group COO	Ongoing	The vast majority of these measures could be able to be completed with either low or no direct costs.	Medium	Medium
	**Energy Efficiency (Scopes 1 & 2)**	Introduce heating and cooling optimisation by introducing set points and out-of-hours. Continue to investigate ways to reduce energy consumption at all sites. Develop an energy efficiency strategy for each premises.	Group COO	Ongoing	The vast majority of these measures could be able to be completed with either low or no direct costs.	Medium	High
	**Decarbonise energy demand.** **Fuel Switching (Scopes 1 & 2)**	Completely electrify fleet, eliminating diesel and petrol vehicles. Introducing low carbon fleet & travel policy. To investigate alternative vehicles already on the market which may suit the required needs of the business. Explore the potential for Natural Gas elimination from the footprint via Heat Decarbonisation (where applicable) through Air/Ground/Water heat pumps or use of electricity. Investigate switching out the use of propane for the use of lower-emitting fuels or electric alternatives.	Group COO	Ongoing	High	High	High
	**Decarbonise energy supply.** **Embedded Generation & Storage (Scope 2)**	Procure 100% renewable energy at all sites. Research and calculate return on investment for on-site green energy generation on owned buildings.	Group COO	Ongoing	Costs are highly dependent on the prevailing commercial tariff at the time.	Market-based emissions could be reduced to 0.	Medium

Net Zero Action Plan Scope 3 Subset

		Projects	Accountability	Timeline	Costs	Carbon Saving	Priority
	**Business Travel**	Explore changing its business travel policy to include an essential travel decision hierarchy: public transport/lift sharing as priority modes. Explore the benefit of setting travel budgets or targets for each mode of transport to recognise and reward examples of best performance in achieving sustainable travel. This could prioritise the use of electric or hybrid vehicles for business travel or staying in hotels with strong sustainability credentials. Set annual business travel carbon footprint reduction targets.	Group COO	Ongoing	Low	Medium	Medium
	**Employee Commuting**	Create a low-carbon toolkit to promote best practice among colleagues. Run an internal campaign to raise awareness of the benefits of walking/cycling to work. Provide individual travel plans for employees with sustainable options. Refresh HR and travel policies to include lift-sharing/public transport options. Share details of the tools available to make virtual work effective. Departmental travel budgets could also be introduced along with financial rewards for having an active commute. Promoting public transport and rewarding employees who give up commuting with their private vehicle.	Group COO	Ongoing	Low	Medium	Medium
	**Waste Generated In Operations**	Increase activity-based data collection to improve its footprint accuracy. This could include mandating waste data from their waste management company and measuring their waste footprint at all locations. Setting SMART waste reduction targets. Review composting waste. Increase employee education, engagement, and knowledge around waste. Create waste reduction plans, promote waste toolkits, share challenges, and issue staff with reusable water bottles. Develop a zero waste-to-landfill policy and create supporting infrastructure. This policy could be embedded in site operating procedure, suppliers could be selected based on their disposal streams, composting bins could be introduced, and personal waste bins could be removed. Exploring opportunities to use only materials containing recycled content and that are recyclable at end-of-life in their supply chain, moving towards a circular economy model.	Group COO	Ongoing	The vast majority of these measures could be able to be completed with either low or no direct costs.	Medium	Medium

	**Upstream and Downstream Transportation**	Review logistics associated with the supply chain and review efficiency, removing unnecessary journeys where possible. Consider embedding the criteria for lower carbon delivery solutions (e.g., electrified fleet, route optimisation software) into the procurement policy when engaging with new suppliers. Implement a procurement policy favouring suppliers offering more carbon-efficient deliveries. Encourage current suppliers to decarbonise their fleet for last mile deliveries or switch to new suppliers already using electric fleet vehicles. Encourage the use of lower carbon delivery vehicles. This could include encouraging decarbonised fleet for last-mile deliveries, engaging with suppliers and switching to rail freight for longer-distance deliveries. Improving tracking of supplier transport data required for emissions measurement by collaborating with suppliers and updating terms and conditions in contracts. Encouraging optimisation of transport routes and schedules. Incorporating carbon efficient delivery into procurement policy. Prioritise large orders from one supplier rather than small orders from multiple suppliers and ensure low-carbon delivery solutions are built into procurement contracts.	Group COO	Ongoing	The vast majority of these measures could be able to be completed with either low or no direct costs.	Medium	Medium
	**Paper**	Reduce paper usage by discouraging paper usage and encouraging the use of digital platforms. Enable paper-free solutions where possible (e.g., paperless transactions, e-receipts and invoicing, digital record keeping, and tracking). Ensure where possible paper products are made from recycled paper / sustainably sourced (e.g., FSC certified). Review printing habits, educate all staff, encourage and incentivise sustainable decisions (e.g., install print-tracking software on all computers, produce a league-table to incentivise positive behaviours, support digital solutions where relevant).	Group COO	Ongoing	Low	Low	Low

Declaration

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 (or equivalent management body).

Signed 

Date 28th February 2024