MTC carbon reduction plan

August 2023

Commitment to achieving Net Zero

MTC is committed to achieving Net Zero corporate emissions by 2035 and to implementing decarbonisation initiatives at all its contracted sites to support public sector Net Zero objectives.

Carbon emissions footprint

This is MTC's second reporting year, with 2021 as a baseline. Emissions have been calculated for MTC's corporate operations following the methodologies laid out in the GHG Protocol Corporate Accounting and Reporting Standard[1], and Corporate Value Chain (Scope 3) Standard[2] and have utilised the BEIS emission factors.

Periods covered: 2021 to 2022			
Scope	**2021 (tCO$_2$e)**	**2022 (tCO$_2$e)**	**Year on year % change**
Scope 1	0.7	2.8	306%
Scope 2	6.9	4.4	-36%
Scope 3 - corporate	25.6	49.1	92%
Corporate total	**33.2**	**56.4**	**+70%**
Scope 3 - contracts	557.2	341.6	-39%
Total Emissions	**590.3**	**397.9**	**-33%**
	Scope 3 includes business travel, homeworking, waste and water usage. Scope 3 transportation is not applicable as MTC does not contract any haulage or shipping services.		

Emissions reduction targets

MTC's objectives are to reduce corporate Scope 1, 2 and 3 greenhouse gas emissions in absolute terms by:

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[1]https://ghgprotocol.org/corporate-standard
[2]https://ghgprotocol.org/standards/scope-3-standard

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- 25% by 2025.
- 50% by 2030.
- Net Zero by 2035, compared to a 2021 baseline.

Current carbon reduction projects

Several initiatives are underway; MTC is already working to implement the following emission reduction measures:

- MTC is working with Octopus Energy to roll out an initiative where employees may lease electric vehicles through salary sacrifice and change their home energy to a renewable energy supply.
- MTC is working to provide energy awareness training through its training platform.
- MTC has introduced a car sharing scheme to reduce the number of vehicles on the road.
- MTC has started tracking and reporting on emissions associated with all forms of travel.
- MTC has downsized its office space in line with demand for office-based operations.
- MTC has introduced the sole procurement of electric vehicles for its business fleet.

MTC will also deliver a number of planned initiatives from 2023:

- Implement a travel policy with the aim of reducing emissions: typical savings 15 to 30% in transport emissions.
- Provide guidance to homeworkers on saving energy in the home: typical savings 5 to 10%.
- Source renewable electricity at all sites where MTC is responsible for the electricity supply.
- Implement a procurement policy to seek to use low carbon suppliers and products.
- Replace fossil fuel-based heating systems with air source heat pumps or other non-fossil fuel systems upon plant replacement where MTC is responsible for the heat supply.

Net Zero principles for contract sites

In addition to actions on corporate operations, MTC will implement the following Net Zero principles at each of its contract sites, whose emissions are reported separately:

- Develop a bespoke decarbonisation strategy for each contract site adopted.
- Support all prevailing decarbonisation related Government initiatives and strategic goals.
- Implement best-practice energy management, including appropriate control of all Heating, Ventilation, Air Conditioning (HVAC) and lighting systems, while maintaining the ambient conditions specified in Government guidelines.
- Seek to make investments in cost effective measures to support best practice energy management, including but not limited to metering, automated controls, building fabric upgrades, high efficiency lighting and plant.
- Provide energy and waste awareness training for all site employees.
- Implement business travel policies to incentivise lower emission choices, such as video conferencing, public transport, walking and electric vehicle usage.
- Source renewable electricity at all sites where MTC is responsible for the electricity supply.
- Work with Government departments to implement onsite renewable energy generation technology, such as solar photovoltaics, solar thermal water heating and wind power.

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- Implement a procurement policy to seek to use low carbon suppliers and products.
- Maintain a strategy of zero waste to landfill, with specified preference for the most resource efficient disposal routes.

Declaration and sign-off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and the Technical standard for Completion of Carbon Reduction Plans[3].

Emissions have been reported in accordance with the published Technical standard for Completion of Carbon Reduction Plans and the GHG Protocol Corporate Accounting and Reporting Standard and calculated using the appropriate Government emission conversion factors for greenhouse gas company reporting[4].
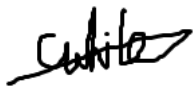
Scope 1 and Scope 2 emissions have been reported in accordance with Streamlined Energy and Carbon Reporting (SECR) requirements[5], and the required subset of Scope 3 emissions have been reported in accordance with the published Technical standard for Completion of Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by Chris White, Director of Health, Safety, Facilities Management and Property and SLT Sponsor of Social Mission focused on sustainability and Ian Mulholland, Managing Director.

Signed on behalf of MTC:

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Date: 14 August 2023

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Date:

14 August 2023

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[3]https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991625/PPN_0621_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans__2_.pdf
[4]https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

[5] https://www.gov.uk/government/publications/academy-trust-financial-management-good-practice-guides/streamlined-energy-and-carbon-reporting

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