

Carbon Action Plan 2016-2021

As part of our ongoing commitment to reduce Mott MacDonald's carbon footprint we have produced this Carbon Action Plan in which we outline how we will reduce our impact.

Reducing our carbon emissions

We believe it is our responsibility to reduce our GHG emissions and minimise resource use. Further to the environmental benefits reducing our emissions brings benefits to our own business, increasing efficiencies which in turn reduces costs, saving money for our customers.

Our commitment to reduce our operational emissions by 25% per employee between 2016 and 2021 also benefits customers who are now counting their suppliers' carbon footprints when auditing their own. The call from our customers drives us to reduce carbon in our operations; Mott MacDonald also complies with all relevant regulation relating to carbon in our business. And we support our customers by reducing carbon in their businesses and we are working towards certification to PAS2080: Carbon Management in Infrastructure in recognition of this.

Our actions

Achieve consistent and verifiable carbon data management – gain external third party verification of our GHG inventory.

Mott MacDonald accounts for sources of GHG emissions over which we have operational control:

- Scope 1: Direct GHG emissions from sources owned or controlled by us, such as gas boilers for heating
- Scope 2: Indirect GHG emissions from the generation of purchased electricity used by us
- Scope 3: Other indirect GHG emissions which include business travel

We have internal systems for collecting the activity data relating to our impacts, and are constantly working to improve these systems. Based on our activities, our impacts are expressed in tonnes of carbon dioxide equivalent (tCO₂e) using published emission factors; regional differences across the world are taken into account. Our 2015 UK carbon footprint is verified by SGS to ISO 14064 and we plan to maintain this in our business in the future.

Assess our carbon footprint down to office and divisional level.

We currently assign each member of staff a portion of our carbon footprint, based on their business travel, and the emissions of the main office they work in. This allows us to group our colleagues by their part of the business to analyse our carbon footprint at each of these levels. Offices have the power to change how they use energy, and our internal business divisions have the power to influence the way we use business travel.

We publish internal performance leagues to let our colleagues know how they are doing. Each part of our business can see how it performs against the others. This drives positive behaviours in our teams. It also helps us to target investments in parts of our business that need it most.

Provide transparent information about our carbon footprint.

We have an area on our internal website, Compass, which is dedicated to presenting our "Carbon League" carbon footprint to different management levels, and showing different ways to reduce it.

This also includes further information about our method of calculating the carbon footprint, as well as summary documents focussed on our emissions. We also disclose our performance annually to the CDP Supply Chain programme.

Internal Events such as the yearly Sustainability Forum are used to update colleagues on our performance. We have also held webinars which generate large amounts of interest from colleagues internationally. The information provided in both the Forum and webinars is regularly updated on our sustainability Sharepoint pages. Lunchtime talks, internal talks to management and articles in our internal publications provide direct information about our carbon performance to members of staff at all levels of the business and our annual Sustainability Week actively engages colleagues in achieving our carbon reduction target. Externally, we will continue to host events such as our Carbon Crunch event to share knowledge and engage customers.

Introduce energy assessment and measures to reduce energy demand in the buildings we move into.

Building energy performance forms part of the key selection criteria of any new premises, supported by proactive management of building M&E and HVAC systems by the landlord to optimise energy efficiencies. Performance is reviewed as part of each office's annual LEPP. We have recently invested in a number of our biggest offices, including our head office where we reduced energy use by 1,000MWh per year through efficiency improvements. We will also change the cooling requirements for our server rooms to reduce the amount of energy required for cooling.

Where new build is being considered we would expect the building to be accredited to BREEAM or similar robust assessment scheme. We are signed up to the RICS SKA scheme, and where any fit out works are required they should be in accordance with the SKA rating system with Silver as a minimum aspiration.

Improve our IT infrastructure, including collaborative communication

We have made significant investments across our entire IT infrastructure which includes collaborative communications and now use Microsoft Skype for Business across the Group. This investment has made it easier for colleagues in different locations to work together, reducing the need for travel, and we have seen a real reduction in business miles travelled using this technology. We continue to promote the use of these systems to deliver maximum benefit.

Introduce carbon assessment and reduction targets among criteria for the selection of potential suppliers.

Corporate responsibility is now included on our Outside Services Questionnaire, wherein we ask potential suppliers to describe their corporate responsibility policies and outline their carbon reduction targets; information supplied influences our selection process.

Through these actions we deliver on our vision to create lasting value for all. We are focussed on the continual improvement of our operations while delivering projects which reduce carbon for our clients.

If you have any ideas or feedback, please contact Davide Stronati, Mott MacDonald Group Sustainability Leader:

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