

Net-zero greenhouse gas emissions

Our position and commitments

2021 update: We have committed to refreshing our commitments annually. This 2021 update therefore includes the new achievements and commitments that support our position. We have also confirmed our carbon neutral and net-zero¹ commitments using the industry adopted definitions that have become available since our original 2020 declarations.

Context

Climate change is among the biggest threats facing humanity. The science is clear on the imperative to contain greenhouse gas emissions and keep global warming below 1.5°C. Governments and businesses around the world are working towards greenhouse gas neutrality. We too have decided to take a position of leadership – to use our knowledge, ingenuity and influence to help the world successfully transition to a low-carbon future.

We will advise our clients on the implications of net-zero and design projects that will deliver net-zero greenhouse gas production. But we must start with our own organisation. We became carbon neutral in 2020, certified to ISO14064 and PAS2060. Also, in 2020 the Science Based Targets initiative (SBTi) certified that our greenhouse gas emission targets are aligned with a 1.5°C pathway. We are currently committed to being a net-zero organisation by the end of 2040 and are being even more ambitious by exploring options for bringing forward that date. Note the SBTi is revising its definition of net-zero and we will reconsider our position statement when this is published. This is our responsibility and an exciting opportunity to lead and to partner with leaders who are committed to sustainable development. This is also an opportunity for innovation, efficiency and competitive advantage.

Our journey so far

We have been tackling the root causes and implications of greenhouse gas emissions since the evidence showed that greenhouse gas concentration in the atmosphere could lead to significant problems. This year we joined the Race to Zero campaign by signing the Business Ambition for 1.5°C commitment. In the last decade, we have been instrumental in setting the agenda to reduce carbon dioxide in infrastructure asset delivery and management, recognising that this also makes good business sense by cutting cost and unleashing innovation. We have reduced our global carbon footprint² by 45% per employee over the last five years and are on track to reduce our absolute emissions by a further 25% by 2024. We are demonstrating our future intent by identifying industries that are not aligned with a net-zero world, such as coal-fired power generation, and withdrawing from those markets and by helping our clients to transition to a more sustainable and climate resilient approach.

As a consultant

We will bring solutions that reduce greenhouse gas emissions to our clients by default, appreciating local differences, and in believing that some beneficial change is always possible. We know that not all of our clients will be in a position to prioritise a low-carbon outlook, and we will respect this. Through dialogue and by investing in our own future, we expect to learn and share lessons that will benefit our clients in their ambitions for long-term business resilience against a backdrop of transformational change.

¹ To reach net-zero emissions at the corporate level, companies must:

- achieve a scale of value-chain emission reductions consistent with the depth of abatement achieved in pathways that limit warming to 1.5°C with no or limited overshoot.
- neutralise the impact of any source of residual emissions that remains unfeasible to be eliminated by permanently removing an equivalent amount of atmospheric carbon dioxide.

Companies may reach a balance between emissions and removals before they reach the depth of decarbonisation required to limit warming to 1.5°C.

While this represents a transient state of net-zero emissions, it is expected that companies will continue their decarbonisation journey until reaching a level of abatement that is consistent with 1.5°C pathways.

Science Based Targets, 'Foundations for science-based net-zero target-setting in the corporate sector', September 2020. For more information on Science based targets see [SBTi website](#).

² A carbon footprint is one where the sum of the greenhouse gas emissions (CO₂e) produced is offset by natural carbon sinks and/or carbon credits. www.carbontrust.com/what-we-do/assurance-and-certification/carbon-neutral-certification.

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As an employer

We will enable our colleagues to play a part in creating the climate-stable, sustainable future they and their families deserve. We will provide them with the skills to transition to a net-zero emissions economy, informing and guiding our clients, driving change in our business and adapting as citizens. This will include new tools and training. We will present evidence and encourage debate, with the aim of contributing corporately and individually to a net-zero emissions future and a stable climate.

As a global influencer

We will continue to inspire debate following a decade of campaigning for infrastructure greenhouse gas reductions. We will bring together our wide-reaching capability, illustrating interdependencies and collaborating with our partners, to enhance local and global insight into affordable, effective and fair solutions.

As a business

We commit to playing our part in creating a world that will enable us to continue to work profitably for social, economic and environmental good. This involves reducing our greenhouse gas emissions and working towards net-zero:

- We will continue to be carbon neutral – we will reduce greenhouse gas emissions from our operations as much as possible in line with Science Based Targets and we will remove residual carbon dioxide emissions from the atmosphere by using credible internationally recognised offsetting schemes.
- By the end of 2040 (and we are exploring options for bringing forward that date), we will be net-zero – we will remove as much greenhouse gas from the atmosphere as we put into it from our operations and wider activities using measures that ‘permanently remove an equivalent amount of atmospheric carbon dioxide.’

Our actions

1. We will support our clients with this five-point plan:
 - Whenever possible, we will show our clients how they can transition to net-zero and support them by identifying risks and opportunities associated with this transition.
 - We will help our clients develop realistic organisational, institutional and regulatory frameworks for net-zero.
 - We will help our clients mobilise and transform their supply chains through applying influence, leadership and information-sharing.
 - We will show our clients how to maximise the benefits of zero-carbon solutions for their business, their clients and society.
 - We will use our ingenuity to show how the costs of a net-zero transition can be minimised and our influence in the infrastructure industry to show how finance can be mobilised.
2. By leading the **UK infrastructure industry coalition**, we will support the UK government on how to deliver the infrastructure needed for the UK to be net-zero by 2050. We will use this as an example for our clients in other countries.
3. We will continue to fund contributions to climate science and to place our experts in positions of influence, to help translate the science-based impacts to the cause and effect of everyday project decision-making.
4. We will be open and honest about our climate change agenda with our clients and our employees. We will equip our leaders with the information they need to be advocates for change.

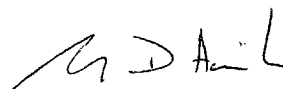
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5. We will expand our **UK Carbon Crunch campaign** to our global client base. We will use our insights to tailor the campaigns to ensure local political, cultural, technical and geographical relevance, promoting the concept of 'cut carbon to cut cost'.
6. Everywhere we work, we will seek to assist businesses and governments in making responsible decisions related to climate change mitigation.
7. We will combine our leading positions on net-zero and digital twins to support the industry in developing system-based digital tools, understanding that achieving net-zero will require complex trade-offs between interconnected systems.
8. We commit to understanding the potential of digital solutions (including Internet of Things, Artificial Intelligence) to balance the net-zero burden.
9. We will promote and include circular economy principles in all we do, to help achieve a truly net-zero economy in the use of materials and natural resources.
10. We will use our social practitioners to investigate and promote the social benefits of responsible net-zero pathways and articulate these to our clients.
11. We will actively manage our own carbon emissions. We will specifically:
 - Improve our carbon performance management and drive down our carbon emissions in the short, medium and long term by:
 - a. Robustly managing carbon consumption through improved data.
 - b. Switching to renewable energy supplies.
- c. Reducing intercontinental travel.
- d. Switching our hired vehicles to a hybrid/ electric fleet where fuelling/charging infrastructure exists.
- e. Maintain our certification to PAS 2060, the international standard for carbon neutrality.
 - Drive down the need to offset as fast as possible thereafter and progressively improve the quality of the offsets we buy so we lead best practice.
 - Develop partnerships with non-governmental organisations and develop our own Mott MacDonald projects for offsetting in the longer term – enabling us to transition from carbon neutral to net-zero. This means we will no longer pay third parties to cancel our carbon emissions but, with partners, become self-sufficient in doing so.
12. We will review and publish this position paper annually to demonstrate our progress and ensure it continues to reflect our ambitions.

Will you join us on this journey?

We would be delighted to hear your thoughts on and support for our position. Please contact clare.wildfire@mottmac.com or sally.sudworth@mottmac.com.



Mike Haigh
Executive Chair