

Mott MacDonald Carbon Action Plan

As part of ongoing commitment to reduce our carbon footprint per capita by a minimum of 5% year on year we have produced this summary of our Carbon Action Plan in which we outline what we have done so far and how we intend to achieve our target.

Reducing our carbon emissions

We see sustainability – the balancing of economic and social needs against the world’s capacity for production and regeneration – as one of the key agendas for our business. We take a holistic view of sustainability, which applies to every sector in which we work. Through our services we are able to play a major role in developing the sustainability agenda during all phases of project lifecycle.

As the world grapples with the growing evidence that climate change is happening and will have significant future impacts, society is increasingly concerned about greenhouse gas emissions. Meanwhile many of our staff are committed to living sustainably in their personal lives – as an employee-owned company Mott MacDonald shares their concerns. We feel an ethical obligation to reduce our emissions and resource use. This brings benefits to our own business. It also helps our customers, as many are now counting their suppliers’ carbon footprints when auditing their own.

We have committed to reducing our per capita emissions by 5% year on year. This will be achieved by increasing carbon consciousness and encouraging behavioural change among staff, improving our offices and equipment, and use of tele- or video conferencing in preference to travel, where practicable.

Reductions will be measured against our first Group-wide carbon footprint calculation – approximately 33 000 tonnes of CO₂, or

2.6 tonnes per employee. This was based on 2007 energy bills for many of our principal buildings and records of travel by air and car logged through our expenses process and by our in-house travel agent. We are now in the process of improving the scope and accuracy of our carbon measurements.

Our first carbon footprint calculation

To achieve future reductions in our greenhouse gas emissions we needed to establish a per capita carbon baseline. Mott MacDonald’s emissions arise from a wide range of sources, but energy consumed by our buildings and through travel are the largest contributors. For our first carbon footprint calculation we therefore focused on these two sources.

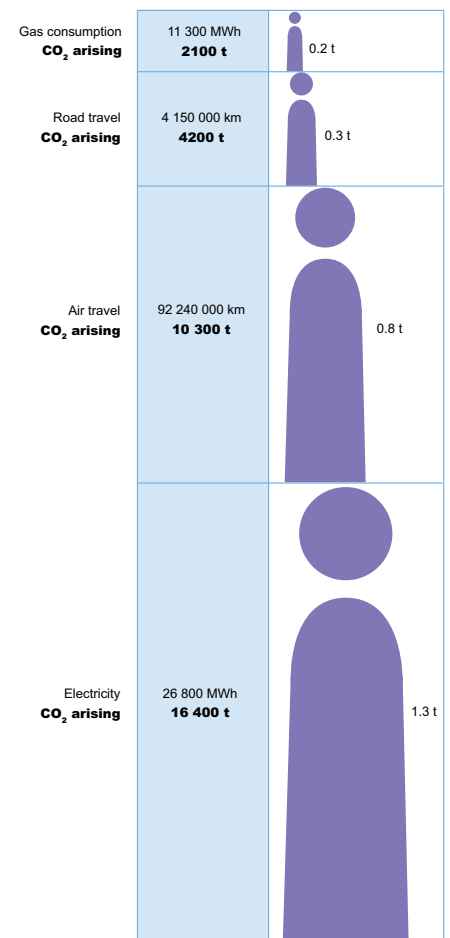
Mott MacDonald’s emissions for 2007 were calculated using guidance drawn up by the UK’s Carbon Trust and in compliance with the Greenhouse Gas Protocol – an internationally recognised carbon accounting tool. Units of electricity and gas consumed, and kilometres travelled by road or air, were assigned a carbon value, known as an emissions factor.

Energy consumption in many of Mott MacDonald’s principal offices was derived from gas and electricity bills. Distance travelled by air was calculated using data collected by Mott MacDonald’s in-house travel agent. Distance travelled by road was derived from the company’s expenses system. Figures were extrapolated to give a per capita figure for the whole Group.

Emissions factors were adjusted where practical to take account of differences between short- and long-haul flights, and geographical variations in the energy mix. For example, short-haul flights emit more CO₂ per kilometre than long-haul flights. Countries where the energy mix is dominated by fossil fuels will have a higher emission factor than those with a high proportion of renewables.

The Group’s per capita emissions were calculated to be 2.6 tonnes. Electricity use in offices accounted for the greatest proportion, followed by air travel .

Summary of CO₂ emissions Group total: 33 000 tonnes
Emissions per employee: 2.6 tonnes



What the company can do



PURCHASE HIGHLY EFFICIENT EQUIPMENT



USE LOW ENERGY LIGHT BULBS



WHERE POSSIBLE USE GREEN SUPPLIERS



MAINTAIN ESSENTIAL SYSTEMS

Future emissions calculations

The process of establishing our baseline emissions figure revealed a number of data gaps and logistical problems. We are working to ensure that emissions from rail, water use, waste and consumable use are included in 2008 by improving the way we record them across the Group.

Improving our performance

We will improve the accuracy of our carbon footprint and meet our commitment to reduce our CO₂ emissions 5% year-on-year by following a number of strategies.

We are:

- Embarking on energy audits of our offices to better understand consumption and identify opportunities for saving energy.
- Establishing better reporting of energy and resource consumption through our Local Environment Practice Plans. LEPPs cover the activities of each of our offices, ranging from monitoring and reducing resource use to reviewing our suppliers' sustainability performance.

- Implementing sustainable travel guidelines and establishing travel budgets for projects.
- Encouraging inter-office competition to improve performance.
- Monitoring our performance.

Specific objectives include:

- Continuing our investment in video- and teleconferencing, improving communication with our clients and between members of Mott MacDonald's staff over large distances. We are aiming to achieve a 2-10% reduction in project related travel.
- Creating greater carbon-consciousness and encouraging behavioural change among staff – encouraging people to switch off lights and appliances, turn down the heating in winter and accept higher temperatures in summer. We aim to reduce energy use by 15% for lighting and by 5% for office heating and cooling.

Undoubtedly society's targets and strategies for the reduction of CO₂ emissions will change in future years. However, we are now in a strong position to respond to new targets, to implement our own strategies for achieving them, and to inform clients and stakeholders about our performance.

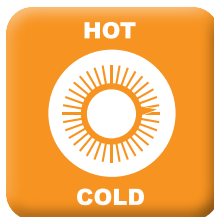
If you have any ideas or feedback please contact Mott MacDonald Group Sustainability Champion Paul Ashley:

T +44 (0)1223 463645
E paul.ashley@mottmac.com
W www.sustainability.mottmac.com

What we can all do



USE LESS WATER



ADJUST THERMOSTATS TO CUT ENERGY USE



USE DOUBLE-SIDED PRINTING



TURN OFF MONITORS, PCS AND PRINTERS



AVOID UNNECESSARY FLIGHTS



USE PUBLIC TRANSPORT



RECYCLE YOUR WASTE



MAKE CONFERENCE CALLS



TRY CAR SHARING



ONLY BOIL WHAT IS NEEDED



USE RECYCLED PAPER



SWITCH OFF THE LIGHTS