

Carbon Reduction Plan

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Commitment to achieving Net Zero

Micro Computer Consultants Ltd is committed to reducing its emissions by at least 90% by 2040 or to a residual level that is consistent with reaching net zero no later than 2050. These residual emissions will then be offset through Government recognised carbon offsetting schemes.

Baseline Emissions Footprint

In order to reduce its carbon emissions, MCC must first understand its current level of emissions, prior to the introduction of any strategies to reduce emissions. This baseline emissions figure is the reference point against which all future emissions reduction can be measured against. It is useful to breakdown the overall emissions into three broad categories or scopes, these are as follows;

Scope 1

These are direct greenhouse emissions that occur from sources that are owned or controlled by MCC Ltd.

Scope 2

These are indirect emissions from purchased electricity, steam, heat and cooling.

Scope 3

All other emissions associated with MCC Ltd's activities.

From this it can be seen that MCC not only has a much greater degree of control on Scopes 1 & 2, but also the ability to provide a much more accurate figure. But that is not to say MCC does not strive to register as accurate a figure as possible for Scope 3, but also to reduce it as much as possible.

Below are details on how a total emissions figure was arrived at for each scope;

Scope 1: The main source of these emissions is from company vehicles, MCC currently has 8 company vehicles. All company vehicles mileage is logged. So a calculation of all company vehicle miles, is performed using the carbon trust carbon calculator.

Scope 2: The main sources for these emissions are the electricity and gas purchased for the running and heating of MCC Ltd's office and its activities. All electricity and gas bills are kept and the relevant usage amounts of both gas and electric are entered into the carbon trust carbon calculator.

Carbon Reduction Plan

Scope 3: By its very indirect nature this category is much harder to measure accurately, and is concerned with but not limited to the following main areas; transportation of purchased goods and services, waste disposal, water usage, employee commuting, home working and business travel. For everything except transportation of purchased goods and services, reasonably good data can be obtained and then using officially recognised conversion factors an emissions figure is obtained. e.g. home working hours from time sheets, business travel from expense claims, water usage and waste disposal from supplier invoices and employee commuting based on staff records and questionnaire. For the distribution of goods and services, information was obtained from our three main suppliers to gain a realistic figure.

Baseline Year: 2022	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0.4
Scope 2	2.5
Scope 3 (Included Sources)	2.3
Total Emissions	5.2

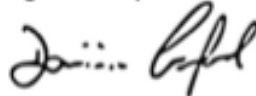
Carbon Reduction Plan

In order to achieve our target of Net Zero, we have already adopted or are in the process of adopting, the following carbon reduction enablers; a policy of replacing all company vehicles with electric ones, the installation of solar panels on the company office's roof, to offset electricity emissions. We have installed electric charge points in the office car park to encourage employees to move to electric cars. We have adopted a much more flexible working week, to encourage a significant element of home working for all.

Finally, MCC has vowed to be more discerning about which suppliers to use in the future, with a preference given to those that can demonstrate the same commitment to achieving Net Zero and therefore greatly reducing the emissions created from purchasing goods and services.

With these measures in place, MCC is confident that it can reduce its emissions to 2.1 tCO₂e a reduction of 60% by 2030, and go on to be Net Zero by 2050. MCC won't stop at these measures and will continually monitor its emissions and look at ways in which these can be reduced.

Signed Off By: Dominic Crawford (Director)



Date: 05.01.2023