

# Carbon Reduction Plan.

## Commitment to achieving Net Zero

Harper Macleod is committed to achieving Net Zero emissions by 2045.

## Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2019	
Additional Details relating to the Baseline Emissions calculations.	
Our figures come from data collected for our ESOS report for 2019. There were no records taken of Scope 3 emissions.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO <sub>2</sub> e= tonnes of carbon dioxide equivalent)
Scope 1	44,945.61m <sup>3</sup> (gas) + 380.69kg (total GHG transport) (8277kgCO <sub>2</sub> e +381kgCO <sub>2</sub> e)
Scope 2	451,901.43 kWh – 127919kgCO <sub>2</sub> e
Scope 3 (Included Sources)	Not recorded
Total Emissions	136.6tCO <sub>2</sub> e

## Current Emissions Reporting

Reporting Year: 2022 (Apr21 to Mar22)	
EMISSIONS	TOTAL (tCO2e)
Scope 1	8478kgCO2e + 15029kgCO2e (vehicles)
Scope 2	402,384.20 =77,813kgCO2e
Scope 3 (Included Sources)	Not recorded – Details for 2022- 2023 are being collected
Total Emissions	101.3tCO2e

### Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

Following recommendations that were made during our 2019 ESOS reporting, we pledged to complete the following items by the time of the next ESOS review –

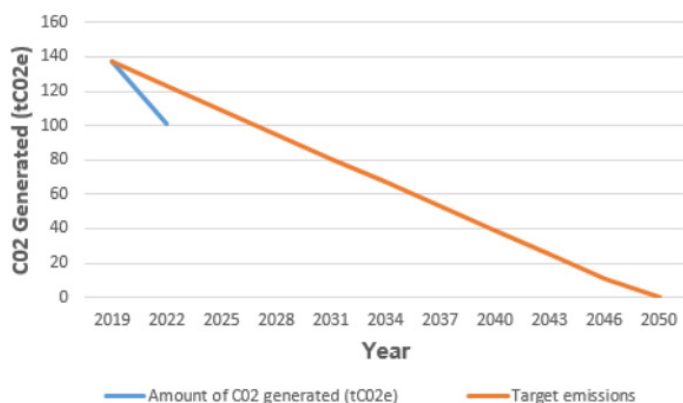
- Engage with staff around energy usage
- Implemented changes to update our lighting with energy saving systems with plans to complete this change at the majority of our offices
- Maintain air conditioning units

We plan to reach out to our suppliers to record our scope 3 emissions from this year and going forward.

Harper Macleod are not yet eligible to report their SECR data but have signed up to our energy broker's (Boxfish) Carbon Baseline project which will allow us to record and present this data until we become eligible.

In 2019 we produced 4.7tCO2e per £1m in turnover, in 2021 we reduced this to 3.5tCO2e per £1m. Harper Macleod plans to continue this reduction over the next five years ensuring a continual reduction in our carbon output. Progress against these targets can be seen in the graph below

### Carbon reduction: Projected vs Actual



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 36tCO<sub>2</sub>e, a 26 percent reduction against the 2019 baseline and the measures will be in effect when performing the contract.

Completed carbon reduction projects are –

- Glasgow 1st floor lighting has been replaced with low energy alternative using 25% less units than before
- Split between docking stations and PCs now approximately 75/25% (docking stations use a lot less power when not active)
- Reprographics clicks reduced by 66% between 2019 and 2022
- Introduced a Sustainability committee to continually review improvements in our processes

In the future we hope to implement further measures such as:

- Lighting in Glasgow's 3rd & 4th floors to be upgraded to energy saving panels, as will other offices if required
- Lighting to be changed to sensor in offices where it is not already
- Potential car club or car sharing projects
- Fuel efficiency training for staff who drive on business Use data from annual Carbon Baseline report to identify and act upon opportunities to reduce carbon footprint
- move more of our processes to digital to minimise paper usage
- Partners in the Energy and Rural departments are looking into potential carbon offset projects Harper Macleod could become involved in
- increase the amount of items recycled

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>4</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>5</sup>

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>6</sup>

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

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<sup>4</sup><https://ghgprotocol.org/corporate-standard>

<sup>5</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>6</sup><https://ghgprotocol.org/standards/scope-3-standard>