



**Ambition
Institute**

Ambition Carbon Reduction Plan 2020/21

**KEEP
GETTING
BETTER**

Ambition Institute: Carbon Reduction Plan 2021 - 2050

Date:	14 December 2021
Calculations completed by:	Lynn Thompson, Head of Compliance
Calculations reviewed by:	Tom Glover, Chief Financial Officer
Report produced by:	Lynn Thompson, Head of Compliance
Report reviewed by:	Tom Glover, Chief Financial Officer Susan Dutta, Technology Director
Director approval:	Hilary Spencer, Chief Executive Officer

Commitment to achieving Net Zero

Ambition Institute is committed to achieving Net Zero emissions by 2050.

Types of Emissions

There are two main types of Carbon Emissions – Direct and Indirect. Both are set out below. This report focuses on Direct emissions.

Direct emissions

Direct emissions are produced by sources which are owned or controlled by Ambition and include electricity use, burning oil or gas for heating, and fuel consumption as a result of business travel or distribution. Direct emissions correspond to elements within scopes 1, 2 and 3 of the World Resources Institute GHG (Green House Gas) Protocol.

Indirect emissions

Indirect emissions result from Ambition's upstream and downstream activities. These are typically from outsourced/contract activities, and products and the services offered by the organisation. Indirect emissions correspond to scope 3 of the World Resources Institute GHG Protocol excluding employee business travel.

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: 2020/2021

Additional Details relating to the Baseline Emissions calculations.

This is the first carbon reduction plan produced by Ambition Institute. These figures relate to the last academic year, based on available information.

Ambition Institute runs across 3 leased offices and one owned office in England. Ambition's carbon generating activities include:

Business Administration: Using electricity and fuel for office equipment and climate control. Values have been estimated using available information from utility bills.

Business travel: Using employee-owned vehicles and public transport, for which the corresponding business mileage is paid by the organisation. During 2020/21, business travel reduced due to Covid and as a result an online delivery model was established reducing travel to an all-time low.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1 – Natural Gas	2.8
Scope 2 - Electricity	8.9
Scope 3 – business travel (Included Sources)	No appropriate baseline data available due to low travel during Covid
Total Emissions	11.7

*Calculations using government conversion factors and per GHG Reporting Protocol

Calculation accuracy & materiality

The result of a carbon footprint calculation varies in accuracy depending on the data set provided. The more accurate the data supplied, the more accurate the result which will subsequently allow for better targeting of areas where improvements can be made. Materiality is determined by the percentage contribution of each element to the overall footprint.

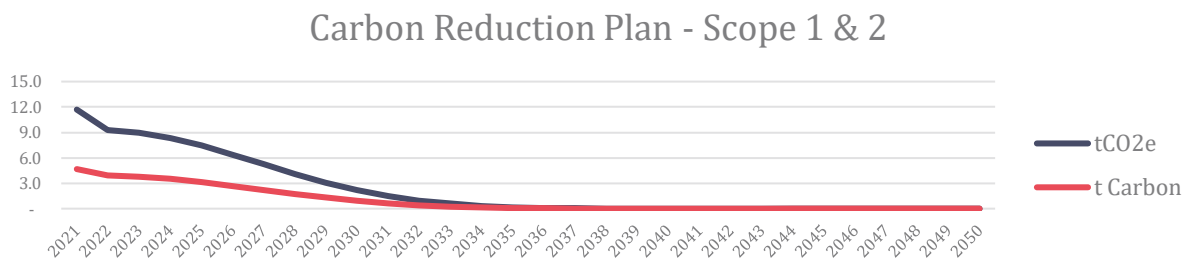
The data provided is derived from energy bills, expenses claims, and data collected by Ambition. Further information and an overview of the expected accuracy provided per element for this assessment is available on request.

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have set initial carbon reduction targets. We aim to reduce our carbon emissions over the next five years to 6.4 tCO₂e by 2027. This is a reduction of 54%.

For Ambition, our work focuses on direct emissions, as these lie under the control of the organisation. However, we recognise that there is an indirect emissions footprint and will seek suppliers based on their environmental credentials alongside price and performance.

Our longer-term emissions plan is set out in the graph below:



*The graph above shows tCO₂e reduction per year to 2050. Calculations per 2021 conversion factors linked and modelled [here](#). kWh data linked and modelled [here](#).

Carbon Reduction Projects

Ambition Institute is just embarking on its Carbon Reduction work, having implemented 4 reduction initiatives so far with 1 further initiative in progress. We continue to review our overall impact.

Below is a summary of all complete, current and aspirational projects to get us to a Net Zero impact by 2050.

Complete Carbon Reduction Initiatives

- Switched to green energy electricity supply, reporting on carbon neutrality of supply
- Moving to online materials production instead of paper copies
- Hybrid work model, home and office based, reducing commute emissions across all sites
- Cycle to work scheme
- Moved to cloud servers reducing continual energy consumption with on premise servers.
- Video conferencing for both staff and online delivery to participants in lieu of many in person events

Current Carbon Reduction Initiatives

- Environmental Management initiatives have continued in 2021 and are set for implementation in 2022, whereby Ambition is set to reduce its office space from 4 offices to 3, renovating 1 owned office space. This will reduce our London footprint to the Caledonian Road facility only accommodating a longer-term hybrid work model. This will reduce further the requirement for staff to travel in to the city. In addition, two further offices were closed in 2019.
- Plans are in place to decommission the gas lines to Caledonian Road and rely on green electric energy.

The carbon emission reduction achieved by this scheme equates to 2.6 tCO₂e, a %age reduction against the 2020/21 baseline and the measures will be in effect when performing the contract.

Aspirational Carbon Reduction Initiatives Review 2022 to 2050

- Energy Management
- Travel & Indirect Emissions (Scope 3)
- Office Management & Supply
- Carbon Offset Initiatives
- Reporting

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with [PPN 06/21](#) which is **the Cabinet Office Procurement Policy - Taking Account of Carbon Reduction Plans** in the procurement of major government contract 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**¹ (Green House Gas) and uses the appropriate Government emission conversion factors for greenhouse gas company reporting². Scope 1 (Natural Gas) and Scope 2 (Electricity) emissions have been reported in accordance with SECR (Streamlined Energy and Carbon Reporting) 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) Standard³.

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

Signed on behalf of Ambition Institute:

.......... Hilary Spencer Date:14th December 2021.....

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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