



Carbon Reduction Plan

September 2022



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Commitment to Net Zero

C3IA Solutions Limited is committed to achieving Net Zero emissions by 2050 or sooner.

Our interim target is to reduce our carbon emissions by 25% by 2025.

<p>Baseline Emissions Footprint:</p> <p>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.</p>	<p>C3IA Solutions Ltd Baseline Year:</p> <p>C3IA is baselined with Financial Year 2019, measuring all relevant business activity between 1st April 2018 to 31st March 2019.</p>
<p>Strategy:</p> <p>C3IA has committed to the local government initiative to work with clusters of similar SME organisations through the Climax Community, to share information and ideas regarding our journey to achieving Net Zero.</p> <p>The initiative provides access to specialist scientific advisors to provide advice, when needed, and access to the Climate Essentials application.</p>	
<p>Methodology:</p> <p>Our baseline includes our greenhouse gas (GHG) emissions from the seven GHG’s named by the Kyoto Protocol: Carbon Dioxide (CO2), Hydrofluorocarbons (HFCs), Methane (CH4), Nitrous Oxide (N2O), Nitrogen Trifluoride (NF3), Perfluorocarbons (PFCs) and Sulphur Hexafluoride (SF6). Our emissions are calculated in kgs of carbon dioxide equivalent (CO2e) using the appropriate conversion factors provided by the Climate Essentials application.</p> <p>C3IA uses Financial Analysis to understand its carbon emissions. This analysis applies carbon intensity factors to procurement and service delivery activities providing information at sufficient granularity for C3IA management to make informed decisions regarding the steps that need to be taken to reduce our carbon footprint.</p>	
<p>Measurement:</p> <p>The Greenhouse Gas (GHG) Protocol is widely recognised as the definitive standard for emissions accounting for businesses and their supply chains. Their Corporate Standard defines three main emissions categories:</p> <ul style="list-style-type: none"> Scope 1: Direct emissions that result from activities within your organisation’s control. Scope 2: Indirect emissions from any electricity, heat or steam you purchase and use. Scope 3: Other indirect emissions from sources outside your direct control 	

Scope 3 Category	Applicability
Upstream transportation and distribution	As a service provider with no definable transportation and distribution requirements there is nothing to report under this category.
Waste generated in operations	Only general waste and recycling are generated by Head Office activities and these are reported under our Scope 3 emissions.
Business Travel	Business travel is reported under our Scope 3 emissions.
Employee Commuting	Employee commuting is reported under our Scope 3 emissions.
Downstream transportation and distribution	As a service provider with no definable transportation and distribution requirements there is nothing to report under this category.

Baseline Year Emissions FY18/19

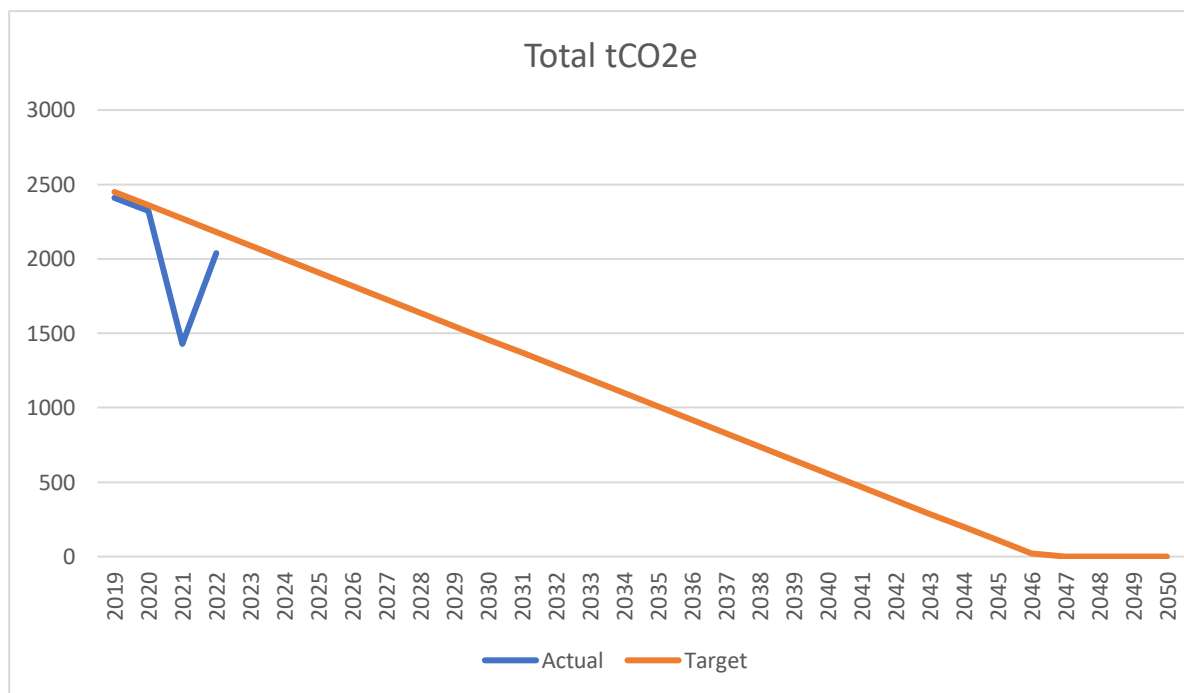
Emissions	Total (tCO ₂ e)
Scope 1	0.1
Scope 2	5.67
Scope 3	2,414.9
Total Emissions	2,420.7

Latest Year Emissions FY21/22

Emissions	Total (tCO ₂ e)
Scope 1	0.1
Scope 2	6.88
Scope 3	2,031.0
Total Emissions	2,038.0

Performance:

Since the baseline year FY18/19 C3IA has begun implementing its Carbon Reduction Plan. This was however impacted by the step change in working practices enforced during the Covid19 pandemic. The graph below clearly illustrates the impact, with the subsequent rise in carbon emissions as working practices returned to pre Covid levels. We do remain on track to achieve our interim target of a 25% reduction by 2025.



Emission Reduction Targets:

C3IA has set an interim target to reduce emissions by 25% (605.0 tCO2e) by 2025. The latest data indicates that this target is on track with a reduction of 15% (382.7 tCO2e) compared to our baseline data.

C3IA's Net Zero target is planned to be reached by 2045 which will allow time to implement any carbon off setting strategy required to achieve Net Zero by 2050.

Carbon Reduction Initiatives:

Completed carbon reduction initiatives

LED Lighting Upgrade – All Head Office Lights have been upgraded to LED units.

The current ongoing carbon reduction initiatives are in place:

Flexible and Home Working – C3IA promotes flexible working for all employees and encourages the use of technology wherever possible to reduce business travel requirements.

Cycle to Work Scheme – C3IA continues to offer a Cycle to Work Salary Sacrifice scheme within its company benefits package to encourage all employees to make business journeys by bicycle where practicable.

Electric Vehicle Scheme - C3IA now offers Electric Vehicle Business Lease to all its employees.

Reducing the impact of our Head Office Site:

Air Conditioning Usage Policy – C3IA Management is required to ensure that Air Conditioning Units are used only as necessary.

Further initiatives under consideration:

Boiler replacement with heat pump(s), Upgrades to ventilation and heating systems, Installation of Solar Panels on C3IA buildings, Automatic lighting systems

Future initiatives:

C3IA will continue to invest in carbon reduction activities as the company grows as part of our ongoing mission to work with our clients and suppliers to achieve our carbon reduction targets.

Carbon Offsetting Initiatives:

C3IA does not currently apply any carbon offsetting initiatives as our aim is to achieve at least 90% Net Zero through changing our working practices.


Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting. 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.

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

Signed for and on behalf of C3IA Solutions Ltd

A handwritten signature in black ink, appearing to read 'J Botterill', written in a cursive style.

John Botterill

Managing Director, C3IA Solutions Ltd