

Carbon Reduction Plan

Business name: Chris Seabridge & Associates Ltd.

Publication date: 23/02/2023

Commitment to achieving Net Zero

Chris Seabridge & Associates Ltd. is committed to achieving Net Zero emissions by 2050.

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: 2021	
Additional Details relating to the Baseline Emissions calculations.	
<p>Our baseline emissions were measured using the SSE Energy Solutions free business carbon calculator, we used this calculator as the SME Climate Hub carbon calculator powered by Normative does not include Scope 3 emissions for business travel which account for a large proportion of the business's annual greenhouse gas emissions. The calculator calculates the data based off BEIS data, the Eco-Act whitepaper and the Greenhouse Gas Protocol.</p> <p>There was no previous reporting for the greenhouse gas emissions of the business and therefore we calculated our 2021 calendar year emissions as an up-to-date baseline to be compared to our greenhouse gas emissions for the 2022 calendar year. The data collected includes gas use, of which there was none for our office space. Electricity usage, fuel use (petrol, diesel, electricity) via commuting and in-work travel, the additional estimates for purchases of goods and services and information regarding energy and heating use when staff work from home. All of this data included makes sure to account for if energy is supplied using renewables either via office/home generated renewable energy or renewable energy via an energy supplier.</p> <p>Our baseline emissions are slightly lower than our 2022 report due to the relaxation of Covid-19 lockdown procedures and in-turn an increase in business travel.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0

Scope 2	0.4
Scope 3 (Included Sources)	40.2
Total Emissions	40.6

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0.0
Scope 2	0.6
Scope 3 (Included Sources)	43.2
Total Emissions	43.8

Emissions reduction targets

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

Office/Staff:

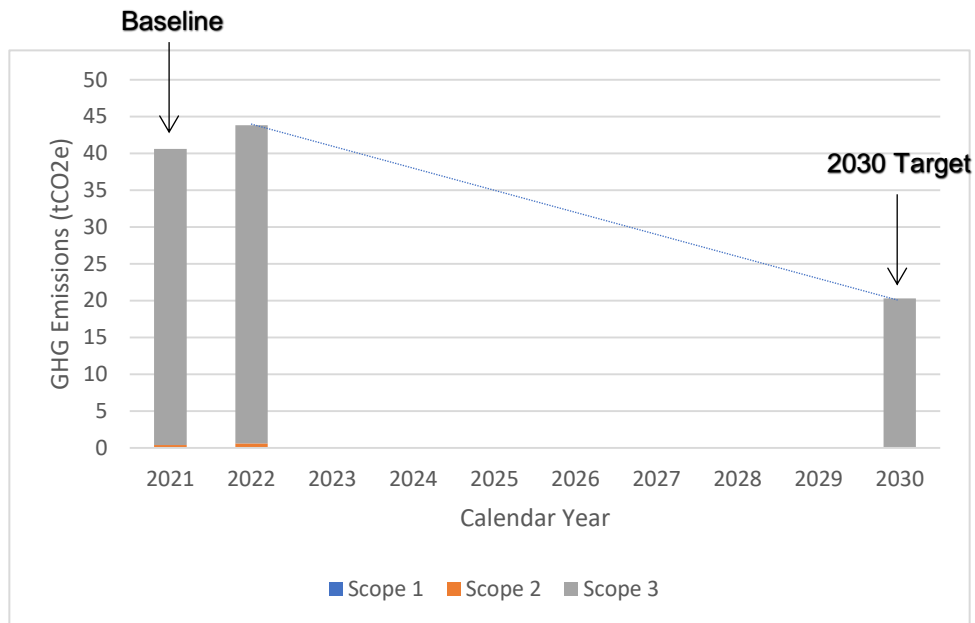
- Reduce the use of standby for IT equipment and switching lights off.
- Reduction of printed documents and encouragement of clients to switch to paperless documentation.
- Limiting business (in-work) travel wherever possible through the use of online meetings as an alternative.

Sub-contractors:

- Utilising local delivery partners for contract site visits.
- Completing multiple visits in one day and creating efficient route plans to cut down on fuel usage. E.g., the use of the Google Maps eco-friendly routing feature.

We project that carbon emissions will decrease over the next five years to **22.11 tCO₂e** by **2028**. This is a reduction of **45%** which is on-course for our 2030 reduction of 50% to 20.3 tCO₂e.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline.

- Use of sustainable office consumables such as FSC certified paper.
- Purchase of a new office printer that is far more efficient for both energy and resources required.
- Use of LED lights within the office.
- Use of 100% renewable energy offer through an energy supplier tariff to heat the office, as well as run all of the electronics within the office.

The carbon emission reduction achieved by these schemes has not yet been noticed in the overall calculation for scope 3 emissions. This is due to the relaxation of Covid-19 regulations and an increase in business travel during 2022, as stated previously in the document. However, these steps taken will kickstart an overall reduction in our office greenhouse gas emissions once we progress into the following years. The list will also be expanded upon or altered through our annual review to ensure we are doing our utmost to help drastically lower our greenhouse gas emissions that are mainly through scope 3 emissions.

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

- Complete transition to electronic documentation, removing the need for printed documents. *Not including legal documentation.
- Installation of solar panels to provide the office with its own supply of electricity, reducing reliance on the energy grid in addition to battery storage to store excess electricity generated.

- Transition to electric vehicles for all staff with the installation of a charging point for staff use.
- Introduction of the cycle-to-work scheme.
- Carbon offsetting utilising current schemes such as the Woodland Carbon Code and future schemes to offset any excess greenhouse gas emissions if required to reach carbon net zero.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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

Signed on behalf of the Supplier:

A handwritten signature in black ink, appearing to be 'C. S. J.', is written over a faint, light-colored signature line.

Date: 23/02/2023

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>