

Carbon Reduction Plan

Suttle Projects Ltd

Publication date: 6th July 2023

Commitment to achieving Net Zero

Suttle Projects 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: 2020

Additional Details relating to the Baseline Emissions calculations.

- Scope 3 not yet fully established, examples of key contributors are concrete, steel and aggregate purchase, and supplier transport. Scope 3 does not require target commitments at this stage.
- 2018 scope 1 & 2 total = 902.37 tCO2e
- 2019 scope 1 & 2 total = 544.44 tCO2e

Baseline year emissions:

EMISSIONS	TOTAL (tCO₂e)
Scope 1	1677.27
Scope 2	4.34
Scope 3 (Included Sources)	TBC
Total Emissions	1681.61

Current Emissions Reporting

Reporting Year: 2022 (latest complete year)	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	512.18
Scope 2	4.81
Scope 3	TBC
(Included Sources)	
Total Emissions	516.99

Emissions reduction targets

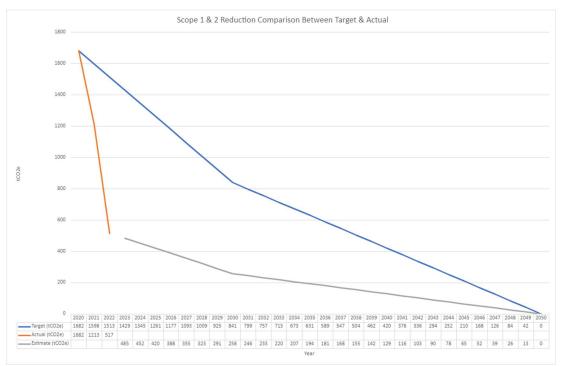
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that total scope 1 & 2 carbon emissions over the next five years will not be more than $1093 \text{ tCO}_2\text{e}$ by 2027. This is a reduction of 35%.

By 2023 we aim to have a total scope 1 & 2 carbon emissions of no more than 841 tCO2e. This is a reduction of 50%.

NB: Improved carbon reduction over the last few years is related to a reduction in certain types of work which involve a higher diesel burn rate.

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



Scope 1 & 2 Reduction Comparison Between Target & Actual

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to 1,164.66 tCO₂e, a 69.1% reduction against the 2020 baseline.

- Full year of 100% renewable electricity contracts at our two office locations, reducing our carbon emission by 13.22 tCO2e.
- Other reductions in tCO2e a result of net decrease in diesel usage across our construction sites, due to a change is types of works being completed. This reduction equates to 1,193.8 tCO2e.
- Since 2020 by replacing diesel / petrol company cars with electric or hybrid equivalents, we have reduced our carbon emissions by 4.06 tCO2e.
- Since installation in 2020, the use of our solar panels at our main yard to charge electric vehicles & power the workshop has reduced our carbon emissions by 7.71 tCO2e.

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

- HVO diesel replacement increasing incrementally over next 10 years.
- Further electrification of van and company vehicle fleet in short/medium term. As battery technology increases, electric vans will become more viable for our business.
- A reduction in the miles covered by employees in their company vans by methods such as van sharing / mid-week lodgings.
- Continued investment in hybrid plant to add to the items we already have in the fleet.

Declaration and Sign Off

This Carbon Reduction Plan has been informed by PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Emissions are reported here and recorded as informed by 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 established in accordance with GHG protocol guidance, and Scope 3 emissions have not yet been reported. Once established, reporting will be in accordance with GHG protocol guidance.

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

Signed on behalf of the Company:

Date: 6th July 2023

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

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