

Carbon Reduction Plan

Supplier name: ECS - Electrification Construction Services Ltd.

Publication date: 31 August 2022

Commitment to achieving Net Zero

ECS - Electrification Construction Services Ltd is committed to achieving Net Zero emissions by 2040.

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: 2022/23	
Additional Details relating to the Baseline Emissions calculations.	
The 2022 baseline detailed below was calculated using established datasets for Scope 01 and 02 and both category 05 waste generated in operations, category 06 business travel and category 09 downstream distribution and transportation.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	400.00
Scope 2	52
Scope 3	210
Total Emissions	662

Current Emissions Reporting

Reporting Year: 2023/24		
EMISSIONS	TARGET TOTAL (tCO ₂ e)	ACTUAL TOTAL (tCO ₂ e)
Scope 1	350	290
Scope 2	45	28
Scope 3	200	135
Total Emissions	595	453

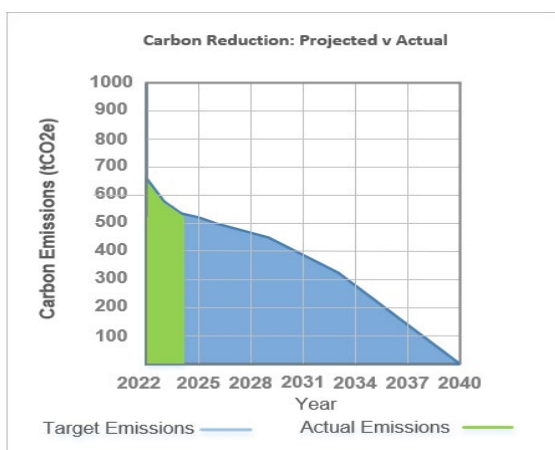
Emissions reduction targets

ECS has long been committed to carbon reduction and these results demonstrate our commitment through the reduction of gas oil and diesel on our projects and introducing energy efficient lighting and power on our premises.

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

We project that total gross carbon emissions will decrease over the next five years to **510** tCO₂e by **2026/27**. This is a reduction of **29.80%**

Future targets and progress can be seen in the table and graph below:



GHG Carbon Reduction Targets	2022/23	2023/24	2024/25	2025/26	2026/27
Scope 01	400	350	320	320	300
Scope 02	52	45	45	40	40
Scope 03	210	200	190	180	170
Total Gross Emissions	662	595	555	540	510

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline to current year 2023/24. The carbon emission reduction achieved by these schemes equate to **62 tCO₂e**, an 11.30% reduction against the 2022 baseline.

Certification Schemes:

ISO 14001 Environmental Management ISO

9001 Quality Management

ISO 14064 Part 01 2006 (Working towards)

ISO 14064 Part 02 2006 (Working towards)

Carbon Reduction Projects:

- Electricity waste reduction, 80% of all our premises are now fitted with LED lighting and PIR lighting controls.
- Reduction in gas oil, 70% of our projects/sites are now powered by mains electricity, solar power, or hybrid generators.
- Introduction of Hybrid and Electric vehicles to our company car list, we have to date removed 10% of diesel cars from our vehicle fleet .
- From 2020 to 2022 ECS worked with various manufacturers to develop a hybrid solution mobile elevating working platform (MEWP). This revolutionary innovation reduced total carbon emissions by up to 50% compared with industry standard MEWPS.



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

- 100% of our projects/sites accommodation will be powered from mains electricity, solar power or hybrid generators;
- All diesel and petrol cars and vans will be removed from our company car list.
- Our internal plant business will introduce full electric powered plant on our sites whereby technology and the right equipment for the task in hand is permitted / selected.

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 standard¹³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting¹⁴.

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) Standard¹⁵. 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:



Shane Williams, Managing Director

Date: 1st April 2022

¹³ <https://ghgprotocol.org/corporate-standard>

¹⁴ <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

¹⁵ <https://ghgprotocol.org/standards/scope-3-standard>