

Carbon Reduction Plan (PPN 06/21)



Supplier name: **E3 Cube Ltd**

Publication date: November 2022

Commitment to achieving Net Zero

E3 Cube Ltd is committed to achieving Net Zero emissions by 2035.

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.	
During 2021, we have completed an audit of our carbon emissions based on E3 Cube's financial and operational boundaries at this time. We have recorded data against Scope 1 & 2 and a selected number of Scope 3 emissions which are relevant to our business.	
Baseline year emissions: 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	20.47 tCO ₂ e
Scope 2	5.49 tCO ₂ e
Scope 3 (Included Sources)	106.86 tCO ₂ e Includes the following sources: electricity (T&D), water, water waste, commercial waste, office consumables & production, business travel, upstream transport & distribution and staff commuting to the two E3 Cube offices.
Total Emissions	132.83 tCO₂e

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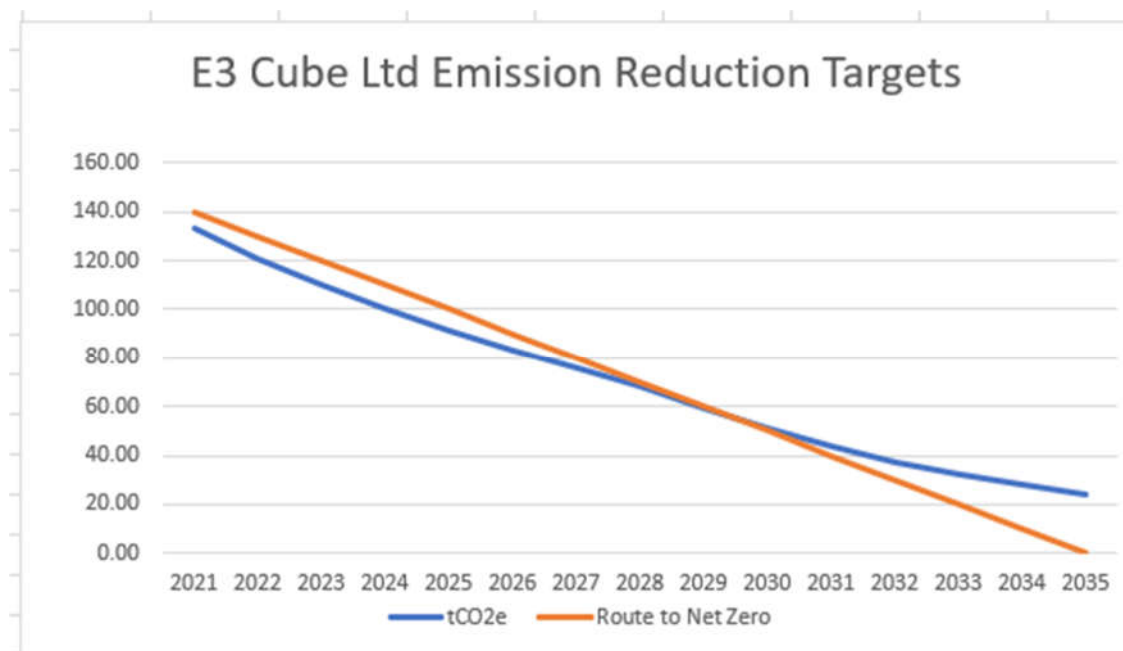
Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	18.29 tCO ₂ e
Scope 2	5.24 tCO ₂ e
Scope 3 (Included Sources)	96.17 tCO ₂ e Includes the following sources: electricity (T&D), water, water waste, commercial waste, office consumables & production, business travel, upstream transport & distribution and staff commuting to the two E3 Cube offices.
Total Emissions	119.70 tCO₂e

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have projected that carbon emissions will decrease over the next five years to 75.43tCO₂e by 2027. This is a reduction of 56%

A planned route to net zero is depicted in the graph below:



Note: Omits any offsetting

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Completed Carbon Reduction Initiatives

The following environmental management measures and projects are planned to be implemented following the 2021 baseline assessment. The initial carbon emission reduction targeted by known schemes equate to 75.43tCO_{2e}, a 56% reduction against the 2021 baseline. Further measures and initiatives will be implemented and plan for net zero by 2035.

We have/are planning to implement the measures stated below:

Environmental Management – We aim to supplement our ISO 9001 certification with companywide, externally accredited, ISO 14001 certification within the next five years.

Working Practices – Experience through the recent pandemic has proved we can continue to successfully provide our services when using virtual technology as client satisfaction levels did not decrease during the pandemic. Subject to the needs of the business cycle, staff have been encouraged to use virtual technology to reduce the need to visit client sites and reduce business travel, whenever practicable.

Office Equipment – Our current leased equipment agreement expires in November 2023 and we shall include improved energy ratings in our specified requirements on renewal. Up to 50% of our IT equipment has been upgraded and replaced in the last 12 months.

Behavioural Change – We have ran a number of internal training sessions to raise awareness through specific campaigns of GHG/carbon emissions generated by E3 Cube operations and encourage staff to consider alternative approaches and assist with the attainment of our net zero target.

Business Travel – The use of virtual meeting technology is available to all staff with its use promoted. When combined with flexible working practices this is reducing carbon emissions generated by business travel and staff commuting. We shall track government initiatives and incentives to encourage the migration to use of sustainable transport and promote these to all staff.

We have maintained milage rates for EV's at the same rate of petrol/diesel vehicles to promote EV uptake.

Office Accommodation – Premises are occupied on a leasehold basis. We shall work the relevant landlord and explore carbon reduction measures. In the last 12 months we have replaced all lighting with LED units.

We shall work with our landlords to instigate a 'nil to landfill' policy and further develop current waste recycling.

Staff Commuting – We shall encourage staff to consider alternative methods of travel to office locations where appropriate. We have installed EV charging infrastructure to encourage EV use at office locations.

We have a cycle to work scheme providing staff with a cost effective tax efficient means of purchasing a new cycle. We have introduced a policy of paying mileage for staff who cycle to work.

Procurement - We shall undertake a review of all procurement to identify carbon reduction opportunities and work with suppliers to reduce our emissions. We shall consider lower

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embodied carbon alternatives. An example of progress includes our switch to the use of electronic tendering.

In Liverpool, we have changed our electricity tariff (mid-year) to a green energy tariff and pay a higher rate. 76% of our electricity comes from renewable sources and 24% from nuclear, with total CO2 emissions being zero g/kWh

Data Capture and Monitoring – We shall further develop our data and information collection to improve the accuracy and quality of our usage/generation data. Improved data and monitoring against targets will further enhance the accuracy of our reporting.

Offsetting – Our journey to net zero is likely to require offsetting due to the law of diminishing marginal returns. There are factors that impact on our carbon emissions that we have little direct control over, such as remote client sites, staff commuting, slower progress to net zero by subcontractors and subconsultants, etc. Use of offsetting will be minimised and will use a UK-based verified product only.

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 read 'John F.', written over a faint horizontal line.

Date: 1 November 2022

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>