

Carbon Reduction Plan

Supplier name: Epscot Limited

Publication date: 08/10/24

Commitment to achieving Net Zero

Epscot 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: January 2023 to December 2023	
Additional Details relating to the Baseline Emissions calculations.	
<p>From incorporation in late 2021, Epscot grew its staff base and operating locations to a stable organisation model by February 2023. The Baseline Year of February 2023 to January 2024 represents the first full trading year of the business in its current organisational form. A Management Consulting business, specialising in procurement and supply chain advice to its Clients, Epscot's main CO₂ emissions arise from staff operating out of two office locations and travel to/from office locations and client premises. No products are manufactured or processed by the business operations.</p> <p>The power and gas supplied to Epscot's rented offices was sourced from SSE who claim both sources to be net zero supplies backed by certificates (gas is 25% renewables and 75% backed by carbon offset certificates).</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0 (gas consumption in office location to from net zero source)
Scope 2	0 (electricity consumption in office location to from net zero source)
Scope 3 (Included Sources)	4. Upstream transport & distribution: 0 tCO ₂ e (negligible purchasing of supplies)

	<p>5. Waste generated in operations: 0 tCO₂e (negligible consultancy waste is generated due to low staff count and electronic data storage)</p> <p>6. Business travel: 6.83 tCO₂e</p> <p>7. Staff commuting & home working: 0.68 tCO₂e</p> <p>9. Downstream transportation: 0 tCO₂e (no physical products are sold)</p> <p>Total scope 3 = 7.51 tCO₂e</p>
Total Emissions	7.51 tCO₂e

Current Emissions Reporting

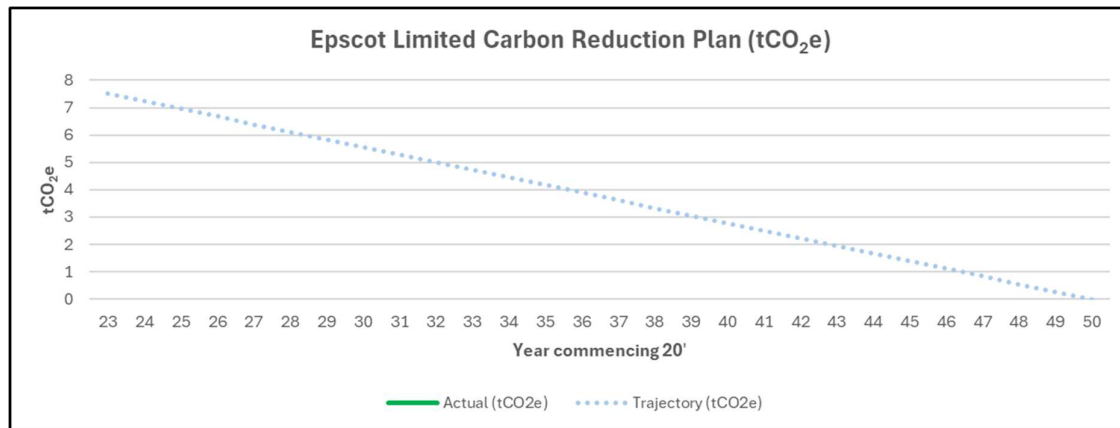
Reporting Year: January 2024 to Present	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	XX
Scope 2	XX
Scope 3 (Included Sources)	XX
Total Emissions	XX

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have focused on Business Travel as the most significant contributor (91%) to the small footprint generated in this business.

We project that carbon emissions will decrease over the next five years to 6.12 tCO₂e by 2028. This is a reduction of 18.5%

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The key carbon reduction project that has been completed since the baseline measurement was commenced in February 2023 is a transfer of business travel arrangements to Electric Vehicles for the Directors of the company. This had the impact of reducing the total carbon dioxide equivalent from 0.681 KgCO₂e per mile travelled to 0.152 KgCO₂e per mile, or approximately a 78% reduction in business travel emissions profile generated by the company Directors.

Future Carbon Reduction Initiatives

Epscot Limited is starting from a very low carbon footprint base, so is becoming limited to the initiatives that can be put in place to reduce its profile further. However, business travel accounts for over 90% of its total, so this is an obvious target area. The breakdown of business travel shows that the majority of the carbon footprint is a result of continuing business mileage and rail travel (see table 1 below).

Mode	% Total	Total kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O
Business mileage	74%	5022.30	4984.20	4.21	33.88
Hotel stays	5%	350.4			
Rail travel	18%	1198.83	1185.66	2.36	10.81
Taxis	4%	256.16	253.85	0.01	2.31
TOTALS		6827.69	6423.71	6.58	47.00

Table 1 – Analysis of scope 3 emissions resulting from business travel within Episcot Limited

Business mileage and rail travel are interconnected as one company Director has to incur both to be in London for meetings. Less frequent travel will result from more frequent hotel stays in London, or from more working at home and using virtual meetings technology to replace physical meetings. These are two strategies that will be adopted by the company.

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:

Alan Wain

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Date: 8th October 2024

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>