

Eden Project Total Carbon Footprint 2023/24*



Source	Scope	Unit	Previous Amount	Previous tCO ₂ e	Current Amount	Current tCO ₂ e	Current tCO ₂ e normalised	Current % Change in tCO ₂ e from previous year	% total carbon footprint	Change in amounts from previous year
Buildings										
Electricity (market-based)	2	kWh	3,367,400.28	19.57	3,524,490.55	10.02	10.02	-49%	1.15%	4.67%
Electricity (location-based)	2	kWh	3,367,400.28	651.19	3,524,490.55	729.83	729.83	12%	-	4.67%
Gas Oil	2	litres	9,511.93	26.24	725.00	2.00	2.00	-92%	0.23%	-92.38%
Geothermal	2	kWh	-	-	576,880.00	-	-	-	-	-
LPG	1	litres	16,938.00	26.37	2,632.00	4.10	4.10	-84%	0.47%	-84.46%
Natural Gas	1	kWh	4,401,804.00	803.51	3,577,776.00	654.48	654.48	-19%	75.13%	-18.72%
Refrigerants	1	kg	9.84	15.95	3.46	7.71	7.71	-52%	0.88%	-64.84%
Transmission and Distribution Losses	3	kWh	3,321,378.00	58.76	3,498,356.00	62.67	62.67	7%	7.19%	5.33%
Procurement										
Paper Primary Content	3	tonnes	0.75	0.69	1.01	0.92	0.92	34%	0.11%	35.00%
Paper Recycled Content	3	tonnes	0.30	0.22	-	-	0.0	-	-	-
Travel										
Fleet Diesel Fuel	1	litres	3,501.44	8.96	5,459.99	13.72	13.72	53%	1.57%	55.94%
Fleet Petrol Fuel	1	litres	1,839.89	3.98	1,868.89	3.92	3.92	-1%	0.45%	1.58%
Air Travel	3	passenger.km	300,662.47	44.15	622,553.98	75.14	75.14	70%	8.63%	107.06%
Petrol Car	3	km	148,758.10	25.36	122,261.00	20.04	20.04	-21%	2.30%	-17.81%
Rail Travel	3	passenger.km	208,191.18	7.39	205,214.71	7.28	7.28	-2%	0.84%	-1.43%
Waste										
Anaerobic Digestion	3	tonnes	47.31	0.42	-	-	0.0	-	-	-
Composting	3	tonnes	-	-	40.44	0.36	0.36	-	0.04%	-
Energy from Waste	3	tonnes	88.28	1.88	61.79	1.31	1.31	-30%	0.15%	-30.01%
Recycled	3	tonnes	192.14	4.09	158.63	3.38	3.38	-17%	0.39%	-17.44%
Water										
Groundwater harvesting	3	cubic metres	2,009.00	-	32,659.00	-	-	-	-	1525.63%
Rainwater harvesting	3	cubic metres	29,962.00	-	7,345.18	-	-	-	-	-75.49%
Water Supply	3	cubic metres	8,902.00	1.33	6,903.44	1.22	1.22	-8%	0.14%	-22.45%
Water Treatment	3	cubic metres	16,002.00	4.35	14,212.08	2.86	2.86	-34%	0.33%	-11.19%
Market-based										
Total		tCO ₂ e		1,053.20		871.12	871.10	-17%		
No. Employees		number		395.42		379.17	379.17			
Total per employee		tCO ₂ e		2.66		2.30	2.30	-14%		
Total floor space		m ²		-		38,721.00	38,721.00			
Building emissions per m ²		tCO ₂ e		-		0.02	0.02	-		
Intensity metric – Visitor numbers		number		551,440.00		604,283.00	604,283.00			
Visitor numbers		tCO ₂ e		0.00		0.00	0.00	-25%		
Location-based										
Total		tCO ₂ e		1,684.82		1,590.93	1,590.93	-16%		
No. Employees		number		395.42		379.17	379.17			
Total per employee		tCO ₂ e		4.26		4.20	4.20	-2%		
Total floor space		m ²		-		38,721.00	38,721.00			
Building emissions per m ²		tCO ₂ e		-		0.04	0.04	-		
Intensity metric – Visitor numbers		number		551,440.00		604,283.00	604,283.00			
Visitor numbers		tCO ₂ e		0.00		0.00	0.00	-14%		

*Scope of emissions included: scope 1, scope 2 and limited scope 3.