

Eden Project Total Carbon Footprint 2022/23*



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										
Burning Oil	1	litres	2,000.0	5.0	-	-	0.0	-	-	-
Electricity (location based)	2	kWh	3,480,774.7	737.5	3,367,400.2	651.1	651.1	-12%	39%	-3%
Electricity (market based)	2	kWh	3,480,774.7	19.7	3,367,400.2	19.5	19.5	-1%	-	-3%
Gas Oil	1	Litres	9,575.0	26.4	9,511.9	26.2	26.2	-1%	2%	-1%
LPG	1	Litres	27,191.7	42.3	16,938.0	26.3	26.3	-38%	2%	-38%
Natural Gas	1	kWh	5,007,832.0	917.2	4,401,804.0	803.5	803.5	-12%	48%	-12%
Refrigerants	1	kg	4.5	12.1	9.8	15.9	15.9	31%	1%	119%
Transmission and Distribution Losses	3	kWh	3,423,043.5	64.3	3,321,378.0	58.7	58.7	-9%	3%	-3%
Procurement										
Paper Primary Content	3	tonnes	-	-	0.7	0.6	-	-	0.0%	-
Paper Recycled Content	3	tonnes	-	-	0.3	0.2	-	-	0.0%	-
Travel										
Fleet Diesel Fuel	1	litres	1,910.7	4.8	3,501.4	8.9	8.9	87%	0.5%	83%
Fleet LPG	1	volume	68.6	0.1	-	-	0.0	-	-	-
Fleet Petrol Fuel	1	litres	1,216.4	2.6	1,839.8	3.9	3.9	49%	0.2%	51%
Air Travel	3	passenger.km	245,463.5	49.5	300,662.4	44.1	44.1	-11%	3%	22%
Average Car	3	km	83,421.8	14.3	-	-	0.0	-	-	-
Petrol Car	3	km	-	-	148,758.1	25.3	25.3	-	2%	-
Rail Travel	3	passenger.km	103,315.0	3.6	208,191.1	7.3	7.3	102%	0.4%	102%
Waste										
Anaerobic Digestion	3	tonnes	31.3	0.2	47.3	0.4	0.4	50%	0.0%	51%
Composting	3	tonnes	7.7	0.0	-	-	0.0	-	-	-
Energy from Waste	3	tonnes	129.0	2.7	88.2	1.8	1.8	-32%	0.1%	-32%
Landfill	3	tonnes	27.4	12.8	-	-	0.0	-	-	-
Recycled	3	tonnes	138.9	2.9	192.1	4.0	4.0	38%	0.2%	38%
Water										
Groundwater harvesting	3	cubic metres	20,596.7	-	2,009.0	-	-	-	-	-90%
Rainwater harvesting	3	cubic metres	7,933.5	-	29,962.0	-	-	-	-	278%
Water Supply	3	cubic metres	12,195.3	1.8	8,902.0	1.3	1.3	-27%	0.1%	-27%
Water Treatment	3	cubic metres	19,421.5	5.2	16,002.0	4.3	4.3	-18%	0.3%	-18%
Location Based										
Total		tCO ₂ e		1,906.1		1,684.8	1,683.9	-12%		
No. Employees		number		-		395.4	395.4	-		
Total per employee		tCO ₂ e		-		4.2	4.2	-		
Intensity metric – Visitor numbers		number		606,808.0		551,440.0	551,440.0	-9%		
Visitor numbers		tCO ₂ e		0.00		0.003	0.003	-3%		
Market Based										
Total		tCO ₂ e		1,188.4		1,053.2	1,052.3	-11%		
No. Employees		number		-		395.4	395.4	-		
Total per employee		tCO ₂ e		-		2.7	2.7	-		
Intensity metric – Visitor numbers		number		606,808.0		551,440.0	551,440.0	-9%		
Visitor numbers		tCO ₂ e		0.002		0.002	0.002	-3%		

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