Eden Project Total Carbon Footprint 2022/23*



Description	Source	Scope	Unit	Previous Amount	Previous tCO₂e	Current Amount	Current tCO₂e	Current tCO₂e normalised	Current % Change in tCO₂e from previous year	% total carbon footprint	Change in amounts from previous year
Securiary Decay	Buildings										
Security Security	Burning Oil	1	litres	2,000.0	5.0	-	-	0.0	-	_	-
Second	Electricity (location based)	2	kWh	3,480,774.7	737.5	3,367,400.2	651.1	651.1	-12%	39%	-3%
LPM Column	Electricity (market based)	2	kWh	3,480,774.7	19.7	3,367,400.2	19.5	19.5	-1%	_	-3%
Natural Gose	Gas Oil	1	Litres	9,575.0	26.4	9,511.9	26.2	26.2	-1%	2%	-1%
Periodicate	LPG	1	Litres	27,191.7	42.3	16,938.0	26.3	26.3	-38%	2%	-38%
Procurement 1	Natural Gas	1	kWh	5,007,832.0	917.2	4,401,804.0	803.5	803.5	-12%	48%	-12%
Proper Primary Content 3 tonnes - - 0.7 0.6 - 0.0% 0.0% 0	Refrigerants	1	kg	4.5	12.1	9.8	15.9	15.9	31%	1%	119%
Paper Primary Contrant 3	Transmission and Distribution Losses	3	kWh	3,423,043.5	64.3	3,321,378.0	58.7	58.7	-9%	3%	-3%
Pager Recycled Contract Tavel Illies Ill	Procurement										
	Paper Primary Content	3	tonnes	-	-	0.7	0.6	-	-	0.0%	-
Floet Diesel Fuel 1 litres	Paper Recycled Content	3	tonnes	-	-	0.3	0.2	-	-	0.0%	-
Fleet LPG	Travel										
Fleet Petrol Fuel 1 litres	Fleet Diesel Fuel	1	litres	1,910.7	4.8	3,501.4	8.9	8.9	87%	0.5%	83%
Air Travel 3 passengerkm 245,463.5 49.5 30,662.4 4.41 4.41 -11% 3% 22% Average Car 3 km 83,421.8 14.3 0.0	Fleet LPG	1	volume	68.6	0.1	-	-	0.0	-	_	-
Average Car 3 km 83.421.8 14.3 0.0 Petrol Car Reil Travel 3 km 148.7581 25.3 25.3 2% Reil Travel 3 passengerkm 103.315.0 3.6 208.1911 7.3 7.3 102% 0.4 102% Waste W 108 18.8 9.0 6.3 165% 100 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Fleet Petrol Fuel	1	litres	1,216.4	2.6	1,839.8	3.9	3.9	49%	0.2%	51%
Petrol Car	Air Travel	3	passenger.km	245,463.5	49.5	300,662.4	44.1	44.1	-11%	3%	22%
Rail Travel	Average Car	3	km	83,421.8	14.3	-	-	0.0	-	_	-
Waste Image: Composition of the properties	Petrol Car	3	km	-	-	148,758.1	25.3	25.3	-	2%	-
Anaerobic Digestion 3 tonnes 313 0.2 473 0.4 0.4 50% 0.0% 51% Composting 3 tonnes 7.7 0.0 - - 0.0 - - - - Energy from Waste 3 tonnes 1290 2.7 88.2 1.8 1.8 -32% 0.1% -32% Landfill 3 tonnes 274 12.8 - - 0.0 - - - Recycled 3 tonnes 138.9 2.9 192.1 4.0 4.0 38% 0.2% 38% Water 0 - - - - - - - - - -90% Rainwater harvesting 3 cubic metres 7,933.5 - 29.962.0 - - - - 277% - - 278% - - - - - - -	Rail Travel	3	passenger.km	103,315.0	3.6	208,191.1	7.3	7.3	102%	0.4%	102%
Composting 3 tonnes 77 0.0 - - 0.0 -	Waste				18.8		6.3	6.3	-66%		
Energy from Waste	Anaerobic Digestion	3	tonnes	31.3	0.2	47.3	0.4	0.4	50%	0.0%	51%
Landfill 3 tonnes 274 12.8 - - 0.0 - - - Recycled 3 tonnes 138.9 2.9 192.1 4.0 4.0 38% 0.2% 38% Water Coundwater harvesting 3 cubic metres 20,596.7 - 2,009.0 - - - -90% Rainwater harvesting 3 cubic metres 7,933.5 - 29,962.0 - - - - 90% 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 1 1,002.0 4.3 4.3 -18% 0.3 -18% No. Employees 1 number 1,906.1 1,906.1 1,684.8 1,684.8 1,683.9 -1	Composting	3	tonnes	7.7	0.0	-	_	0.0	-	-	_
Note Secure Sec	Energy from Waste	3	tonnes	129.0	2.7	88.2	1.8	1.8	-32%	0.1%	-32%
Water Coroundwater harvesting 3 cubic metres 20,596.7 - 2,009.0	Landfill	3	tonnes	27.4	12.8	-	-	0.0	-	-	-
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 t CO ₂ e 1,906.1 1,684.8 1,683.9 -12% -1	Recycled	3	tonnes	138.9	2.9	192.1	4.0	4.0	38%	0.2%	38%
Rainwater harvesting 3 cubic metres 7,933.5 - 29,962.0 - - - 2788 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%	Water										
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 tCO₂e 1,906.1 1,684.8 1,683.9 -12% -12% No. Employees number - 395.4 395.4 - - - Total per employee tCO₂e - 4.2 4.2 4.2 - - Visitor numbers tCO₂e 0.0 0.0 0.0 -3% - Market Based 10tal tCO₂e 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - - Total per employee tCO₂e 1,188.4 1,053.2 1,052.3 -11% - Total per employee tCO₂e - - 39	Groundwater harvesting	3	cubic metres	20,596.7	-	2,009.0	_	-	-	-	-90%
Water Treatment 3 cubic metres 19,421.5 5.2 16,002.0 4.3 4.3 -18% 0.3% -18% Location Based County of the passed Total tCO2e 1,906.1 1,684.8 1,683.9 -12% -	Rainwater harvesting	3	cubic metres	7,933.5	-	29,962.0	-	-	-	_	278%
Location Based tCO₂e 1,906.1 1,684.8 1,683.9 -12% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 4.2 4.2 - Intensity metric - Visitor numbers number 606,808.0 551,440.0 551,440.0 -9% Visitor numbers tCO₂e 0.0 0.0 0.0 -3% Market Based tCO₂e 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Water Supply	3	cubic metres	12,195.3	1.8	8,902.0	1.3	1.3	-27%	0.1%	-27%
Total tCO₂e 1,906.1 1,684.8 1,683.9 -12% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 4.2 4.2 - Intensity metric - Visitor numbers number 606,808.0 551,440.0 551,440.0 -9% Visitor numbers tCO₂e 0.0 0.0 0.0 -3% Market Based Total tCO₂e 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Water Treatment	3	cubic metres	19,421.5	5.2	16,002.0	4.3	4.3	-18%	0.3%	-18%
No. Employees number - 395.4 395.4 - - Total per employee tCO₂e - 4.2 4.2 - - Intensity metric - Visitor numbers number 606,808.0 551,440.0 551,440.0 -9% Visitor numbers tCO₂e 0.0 0.0 0.0 -3% Market Based Total Total tCO₂e 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Location Based										
Total per employee tCO₂e - 4.2 4.2 - Intensity metric - Visitor numbers number 606,808.0 551,440.0 551,440.0 -9% Visitor numbers tCO₂e 0.0 0.0 0.0 -3% Market Based tCO₂e 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Total		tC0₂e		1,906.1		1,684.8	1,683.9	-12%		
Intensity metric – Visitor numbers number 606,808.0 551,440.0 551,440.0 −9% Visitor numbers tCO₂e 0.0 0.0 0.0 -3% Market Based tCO₂e 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric – Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	No. Employees		number		-		395.4	395.4	-		
Visitor numbers tCO₂e 0.0 0.0 0.0 -3% Market Based Cotal Cotal 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Total per employee		tC0₂e		-		4.2	4.2	_		
Market Based tCO₂e 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Intensity metric – Visitor numbers		number		606,808.0		551,440.0	551,440.0	-9%		
Total tCO₂e 1,188.4 1,053.2 1,052.3 -11% No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Visitor numbers		tCO₂e		0.0		0.0	0.0	-3%		
No. Employees number - 395.4 395.4 - Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Market Based										
Total per employee tCO₂e - 2.7 2.7 - Intensity metric - Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	Total		tCO₂e		1,188.4		1,053.2	1,052.3	-11%		
Intensity metric – Visitor numbers number 606.808.0 551,440.0 551,440.0 -9%	No. Employees		number		-		395.4	395.4	-		
	Total per employee		tCO₂e		-		2.7	2.7	_		
Visitor numbers tC0₂e 0.0 0.0 0.0 -3%	Intensity metric – Visitor numbers		number		606.808.0		551,440.0	551,440.0	-9%		
	Visitor numbers		tCO₂e		0.0		0.0	0.0	-3%		