

GCC CARBON CALCULATOR

REPORT SETTINGS

Year end: December 2022
Status: Draft
Distance unit: km
Fuel unit: litres
Currency: USD

SHIPPING

Air Freight

Route	Return/Single	Weight inc. packaging (kg)	Total distance (km)	Carbon (tCO2e)
AAT-LAX	One-way	150	10,558	1.79

Total distance (air freight): 10,558

Carbon footprint (air freight): 1.79 (tCO2e)

Sea Freight

Route	Return/Single	Weight inc. packaging (kg)	Total distance nautical miles	Total distance (km)	Carbon (tCO2e)
General Shipping	One-way	300	5600	10,371	0.06

Total distance (sea freight): 10,371

Carbon footprint (sea freight): 0.06 (tCO2e)

Road Freight (Truck/HGV)

Route	Return/Single	Weight inc. packaging (kg)	Distance (km)	Total distance (km)	Carbon (tCO2e)
General Shipping	One-way	25	24000	24,000	0.07

Total distance (road freight): 24,000

Carbon footprint (road freight): 0.07 (tCO₂e)

ENERGY

Premises/ Gallery Name	Country/ Location	Electricity (KWh)	Piped Gas (KWh)	% Share of Premises	Supplier	Carbon (tCO ₂ e)
Home Studio	USA - California	4198	802	100		0.99
						0

Carbon footprint (flights): 0.99 (tCO₂e)

OPTIONAL

Car Travel (other)

	Amounts	Carbon (tCO ₂ e)
Distance travelled on business (in km, from mileage claims)	12000	2.12
Fuel purchased for company cars (litres):		

Carbon footprint (other cars): 2.12 (tCO₂e)

Local Artwork Transportation

	Amounts	Carbon (tCO ₂ e)
Typical distance per journey by local courier/van (km)	5	
Number of journeys by van per year:		Less than 0.01
Number of journeys by car per year:	12	0.01
Number of journeys by motorbike per year:		Less than 0.01

Carbon footprint (local artwork transportation): 0.01 (tCO₂e)

Packaging

	Amount (kg)	Carbon (tCO ₂ e)
Total weight of packaging used for transport:	45	0.02

Carbon footprint (packaging): 0.02 (tCO₂e)

Printing

Item printed (book, brochure, etc.)	Weight per item (g)	Number printed	Total weight (kg)	Carbon (tCO ₂ e)
Paperwork and materials	21	100	2.1	Less than 0.01

Carbon footprint (packaging): 0.00 (tCO₂e)

SUMMARY

Flights	0.00 (tCO ₂ e)	0.00%
Shipping	1.92 (tCO ₂ e)	37.94%
Energy	0.99 (tCO ₂ e)	19.57%
Travel (other)	2.12 (tCO ₂ e)	41.90%
Other	0.03 (tCO ₂ e)	0.59%

Total carbon: **5.06** (tCO₂e)
