

GCC CARBON CALCULATOR

REPORT SETTINGS

Year end: January 2023
Status: Final
Distance unit: miles
Fuel unit: gallons
Currency: USD

SHIPPING

Air Freight

Route	Return/Single	Weight inc. packaging (kg)	Total distance (m)	Carbon (tCO2e)
ORD-SJC	One-way	14	1,826	0.10

Total distance (air freight): 1,826

Carbon footprint (air freight): 0.10 (tCO2e)

Road Freight (Truck/HGV)

Route	Return/Single	Weight inc. packaging (kg)	Distance (m)	Total distance (m)	Carbon (tCO2e)
Oakland, CA - San Jose, CA	Return	72	51	102	0.00
San Francisco CA - San Jose, CA	Return	87	54.3	107	0.01
White River Junction, VT - San Jose, CA	Return	90	3,042	6,083	0.10

Total distance (road freight): 6,292

Carbon footprint (road freight): 0.11 (tCO2e)

ENERGY

Premises/ Gallery Name	Country/ Location	Electricity (KWh)	Piped Gas (KWh)	% Share of Premises	Supplier	Carbon (tCO2e)
ICA San Jose	USA - California	30,436.96	30970.10	100	PG&E;	11.82

Carbon footprint (flights): 11.82 (tCO2e)

OPTIONAL

Car Travel (other)

	Amounts	Carbon (tCO2e)
Distance travelled on business (in miles, from mileage claims)	76	0.02
Fuel purchased for company cars (gallons):	20.2	0.23

Carbon footprint (other cars): 0.25 (tCO2e)

Local Artwork Transportation

	Amounts	Carbon (tCO2e)
Typical distance per journey by local courier/van (miles)	30	
Number of journeys by van per year:	8	0.10
Number of journeys by car per year:	200	1.70
Number of journeys by motorbike per year:	0	Less than 0.01

Carbon footprint (local artwork transportation): 1.80 (tCO2e)

Packaging

	Amount (kg)	Carbon (tCO2e)
Total weight of packaging used for transport:	54	0.03

Carbon footprint (packaging): 0.03 (tCO2e)

Printing

Item printed (book, brochure, etc.)	Weight per item (g)	Number printed	Total weight (kg)	Carbon (tCO2e)
Gallery Guides	4.5	7500	33.75	0.06

Membership Mailers	10	120	1.2	Less than 0.01
Check-in sheets	4.5	4000	18	0.03

Carbon footprint (packaging): 0.09 (tCO₂e)

SUMMARY

Flights	0.00 (tCO ₂ e)	0.00%
Shipping	0.21 (tCO ₂ e)	1.48%
Energy	11.82 (tCO ₂ e)	83.24%
Travel (other)	0.25 (tCO ₂ e)	1.76%
Other	1.92 (tCO ₂ e)	13.52%

Total carbon: 14.20 (tCO₂e)
