

Chemistry of the City

Carbon Emissions Estimate | Pre-event

Estimated GHG Emissions Impact of ColLab #7

Total raw emissions are **408 kg CO₂e**

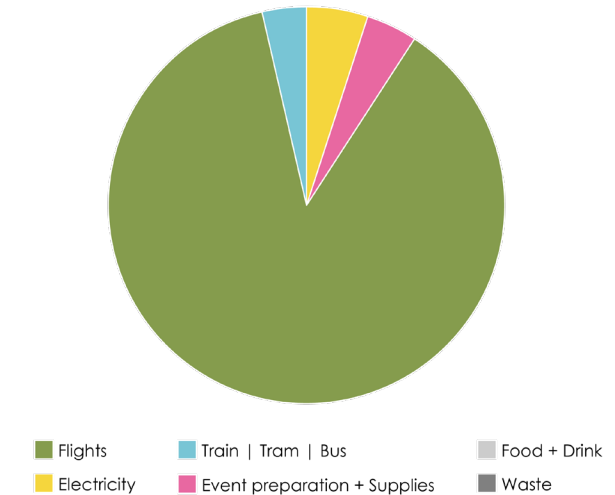
- Flights make the largest contribution (≈90%)
- Equipment and supplies have a minor contribution (≈5%)
- Food, drink, and waste contributes minimally (<0.1%)

Electricity and flights are **offset** at time of purchase, reducing 'real' emissions by 95%, to a total of **8 kg CO₂e**

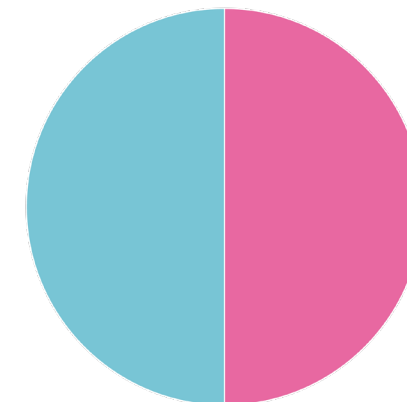
	Emissions (kg CO ₂ e)	% Contribution
Attendee travel	371	91
Equipment and Supplies	17	4
Food and drink	0.007	<0.01
Waste	0.004	<0.01
Electricity*	21	5
Total	408	

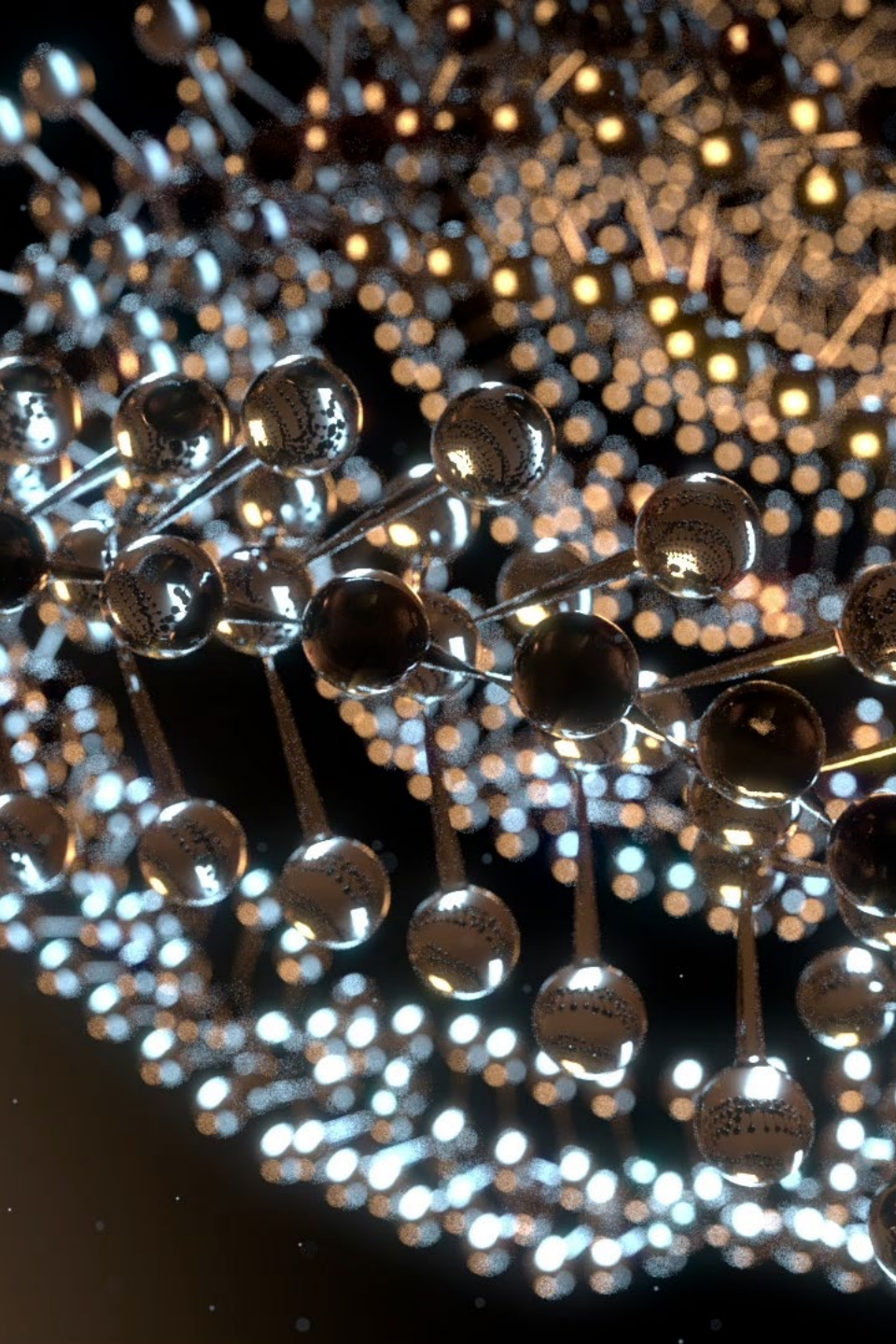
*Electricity is purchased through the GreenPower Scheme, where the electricity consumed is matched with an equivalent amount of renewable electricity added to the grid. Transmission losses are accounted for.

Raw Estimated Emissions (kg CO₂)



Estimated Emissions (kg CO₂)





How can you help in our carbon journey?

- Attendee travel is where we have the largest uncertainty for GHG emissions from this event.
- Scan the QR code to help us collect attendee travel data through the survey!
- After collecting the data, carbon offsets will be purchased to ensure carbon neutrality for the event.
- In addition to mitigating climate change, co-benefits of carbon neutrality include positive socio-economic outcomes through our selective carbon offset credit purchasing.

