event:decision
track

for Lux Events – Scottish Environment Business Awards 2023
post event carbon footprint assessment

host organisation: Lux Events

event date: 8 November 2023

event: Scottish Environment Business Awards 2023

location: Glasgow, UK

date of assessment: 16th November 2023

your track report

results

shows the total calculated carbon footprint associated with your event, by event function.

benchmark

displays your event carbon footprint, represented by number of delegates or by number of square metres of booth activation, when compared with other similar measurements delivered by event:decision.

mitigation

initial advice on potential mitigation of impact. Additional mitigation consultancy & advisory is available on request.

offset

an illustration of a range of cost associated with purchasing certified carbon credits corresponding to the results, above, to deliver the event calculated by event:decision on a carbon neutral basis.
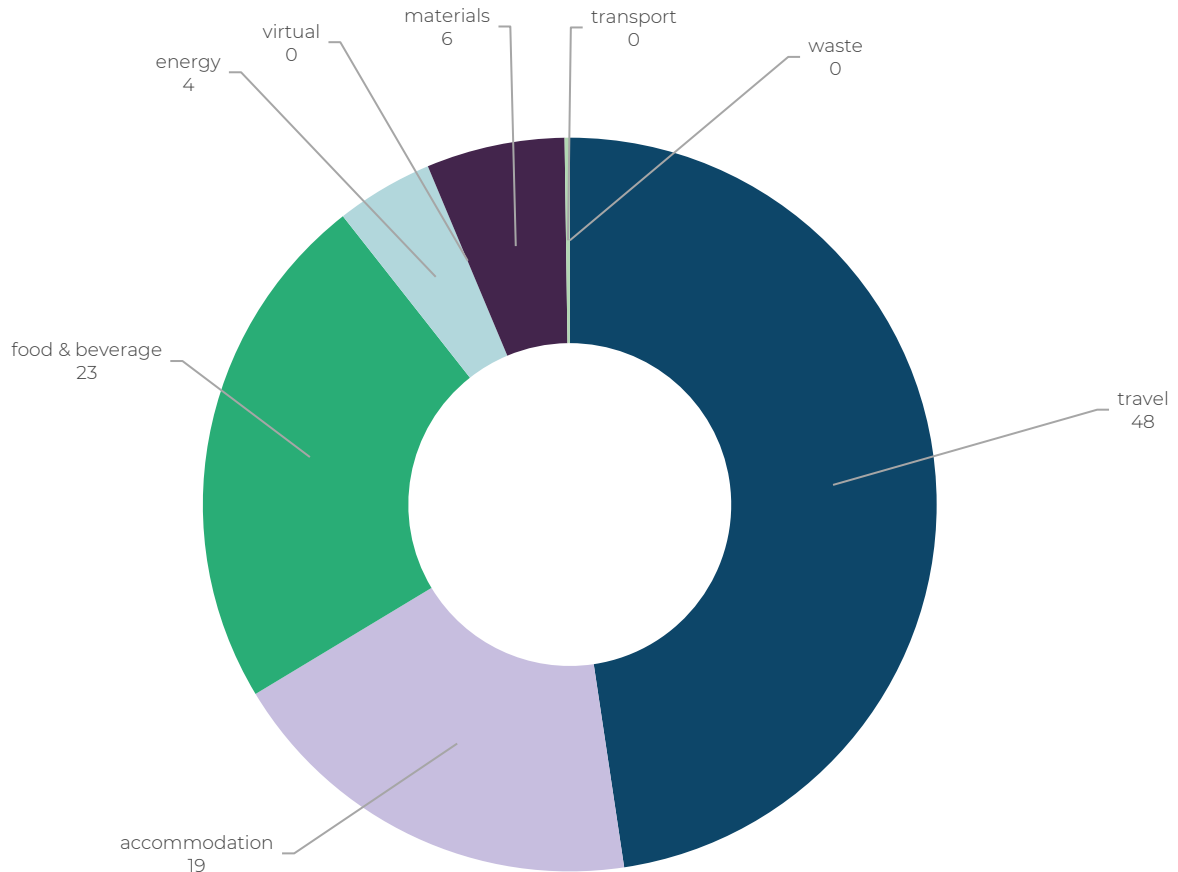
brief

- based on post-event data shared via Lux Events for the Scottish Environment Business Awards 2023.

- based on 300 in-person attendees.

- includes emissions associated with estimated travel based on scaling of data provided during registration.

- food & beverage breakdown as specified in data provided and where not specified, based 20% vegetarian, 80% non-vegetarian.

- build materials, transportation and power draw estimated where not detailed in post-event data.

- crew travel, accommodation and subsistence included.

- re-useable, recyclable and single use materials calculated as per data received.

total calculated emissions

Scottish Environment Business Awards 2023

total tonnes CO$_2$e calculated: 4.43 tCO$_2$e

	actuals tCO$_2$e	%
travel	2.11	48
accommodation	0.83	19
food & beverage	1.02	23
energy	0.19	4
virtual	0.00	0
materials	0.27	6
transport	0.01	0
waste	0.00	0

boundaries:

event duration (days), guests (where applicable), staff, crew, event area (sqm.)

travel: guest, crew and staffing travel by mode (air, private vehicle, public transport) class and distance.

accommodation: hotel nights for guests, build crew or stand staffing, by star-rating.

catering: includes number of meals (non-vegetarian, vegetarian, vegan) consumed by guests, crew, build staff for duration of event.

energy: actual consumption as estimated or measured by venue (kWh), calculated as renewable or non-renewable as applicable.

materials: printed matter, plastics, recyclable materials and other materials used in stand / activation builds & delivery.

transportation: transported weight of AV, materials, furniture and other stand-based items, distance and mode of transportation.
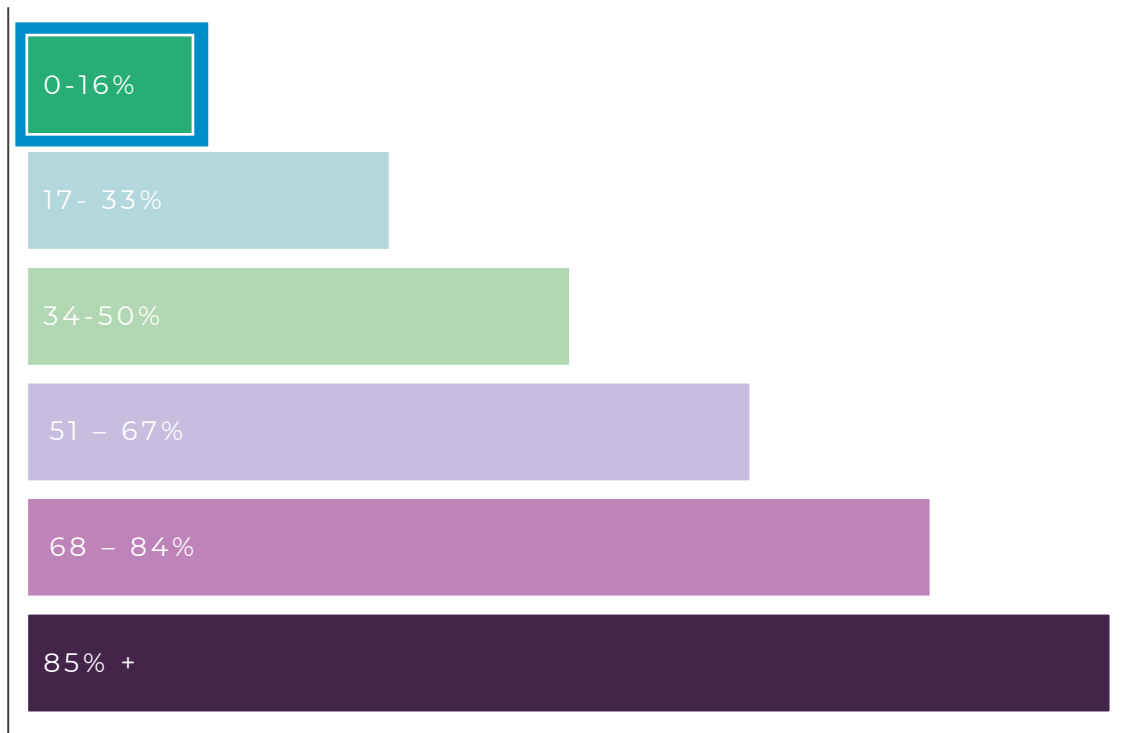
waste: recyclable and residual waste.

note: a result of 0.00 tCO$_2$e does not indicate zero emissions, merely that the category reports fewer than 10kg CO$_2$e when reported in tCO$_2$e to two decimal places.

Illustration of Scottish Environment Business Awards 2023, calculated carbon intensity:

tCO_2e per delegate, based on 300 persons
4.43 tCO_2e = 0.015 tCO_2e per person

0-16%

17- 33%

34-50%

51 – 67%

68 – 84%

85% +

at this level, Scottish Environment Business Awards 2023 is within the 13th percentile of in-person format events measured by event:decision, on a per-delegate basis.

based on calculations conducted by event:decision from Mar 2021 – present for comparison purposes only.

data above should be used for illustrative purposes only, not for ESG audit or offset reporting. Total event data includes events from 50 to 140,000 delegates in virtual, hybrid and in-person event formats at a local, regional and global level, with stand-builds from 6sqm. to 200sqm.

mitigation

Here are some thoughts for mitigation of emissions related to future events:

travel

as the event took place in central Glasgow, and based on the travel method and distance data provided which was scaled proportionally, the majority of the attendees will mainly travel by public transport. Although a number of attendees are looking to travel by car a good proportion of them will be car sharing and/or using an electric vehicle.

However, as an illustration if the remaining attendees travelling by car travelled by public transport instead (all other factors remaining unchanged) the travel emissions would be reduced by a further 33% and the overall emissions could be reduced by c. 16%.

accommodation

you may wish to consider encouraging the attendees staying overnight to stay in either a more sustainable hotel or one of an alternative star rating. For illustration, if all accommodation was at a 3-star level (all other factors remaining unchanged) the accommodation footprint would be reduced by 45% and the overall footprint would be reduced by c. 8%.

food & beverage

you may wish to consider offering vegetarian-only meals. For illustration, if all food provided for the attendees was vegetarian (all other factors remaining unchanged) the food & beverage footprint would be reduced by 29% and the overall footprint would be reduced by c. 7%.

transport

all suppliers were considered local (i.e. from within a radius of 100km) to the venue.

offset

you may choose to offer offset solutions via event:decision, or via a channel within your agency or client organisation. Please contact event:decision for a menu of certified projects.

to directly offset carbon emissions for the event as planned:

Scottish Environment Business Awards 2023

4.43 tCO2e*

Offset calculation dependent on project & provider chosen from £5/tCO2e - £25/tCo2e.

£22 - £111 dependant on project chosen