



event:decision
track



**British Society for
Rheumatology**

Annual Conference 2023

post event carbon footprint assessment

host organisation: British Society for Rheumatology

event date: 24-26 April 2023

event: BSR Annual Conference 2023

location: Manchester Central, UK

date of assessment: 29th June 2023



your track report

results

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

benchmark

displays your event carbon footprint, represented by number of delegates or sqm. of stand, when compared with other similar measurements delivered by event:decision.

mitigation recommendations & offset

shows you the effect of changing variables over which you have some control and the financial liability for offset, where appropriate.

brief

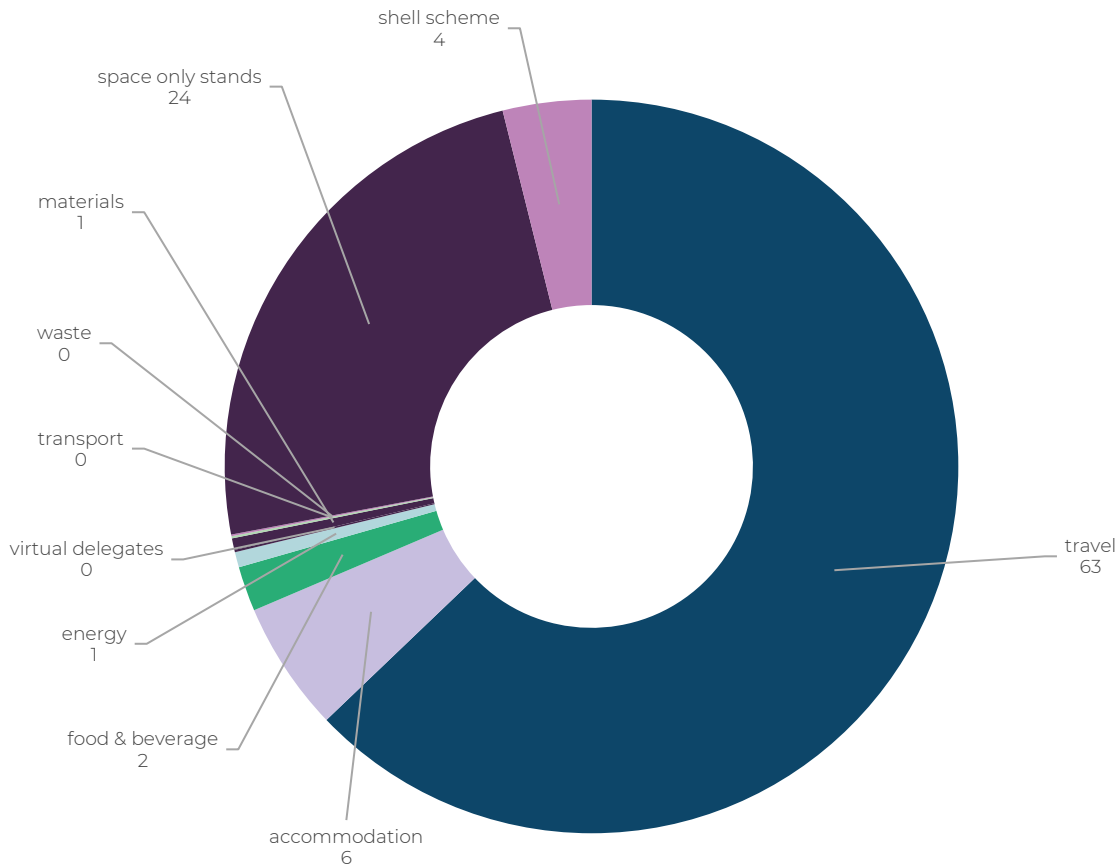
- includes emissions associated with event delivery elements as details by BSR.
- spaces used as detailed within Manchester Central, Manchester.
- based on 1,820 delegates attending in-person and 540 attending virtually.
- delegate and crew travel as per briefing documents received.
- delegate accommodation estimated and based on 4*, single occupancy. Crew accommodation based on 3* single occupancy, as outlined in the brief.
- food & beverage commensurate with delegate and crew numbers, on-site daily numbers with 20% vegetarian.
- bespoke exhibition stand-build power draw estimated. Bespoke exhibition stand footprint calculated using empirical data per sqm as detailed, based on 3-day duration for build crew, staffing, materials and associated travel, accommodation, food & beverage.
- shell-scheme exhibition stand-build power draw estimated. Shell-scheme exhibition stand footprint calculated using empirical data per sqm as detailed, based on 3-day duration for build crew, staffing, materials and associated travel, accommodation, food & beverage.



total emissions

BSR Annual Conference 2023

total tonnes CO₂e calculated: 594.63 tCO₂e



	actuals tCO ₂ e	%
travel	373.76	63
accommodation	34.10	6
food & beverage	11.76	2
energy	4.01	1
virtual delegates	0.60	0
materials	3.05	1
transport	0.58	0
waste	0.43	0
space only stands	143.16	24
shell scheme	23.18	4

boundaries:

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

travel: guests, 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).

materials: printed matter, plastics, recyclable materials and other materials used in stand build & deliver.

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

waste: recyclable and residual waste.

space only stands: based on empirical data by sqm, and show duration, includes build crew and stand staff.

shell scheme stands: based on empirical data by sqm, and show duration, includes build crew and stand staff.

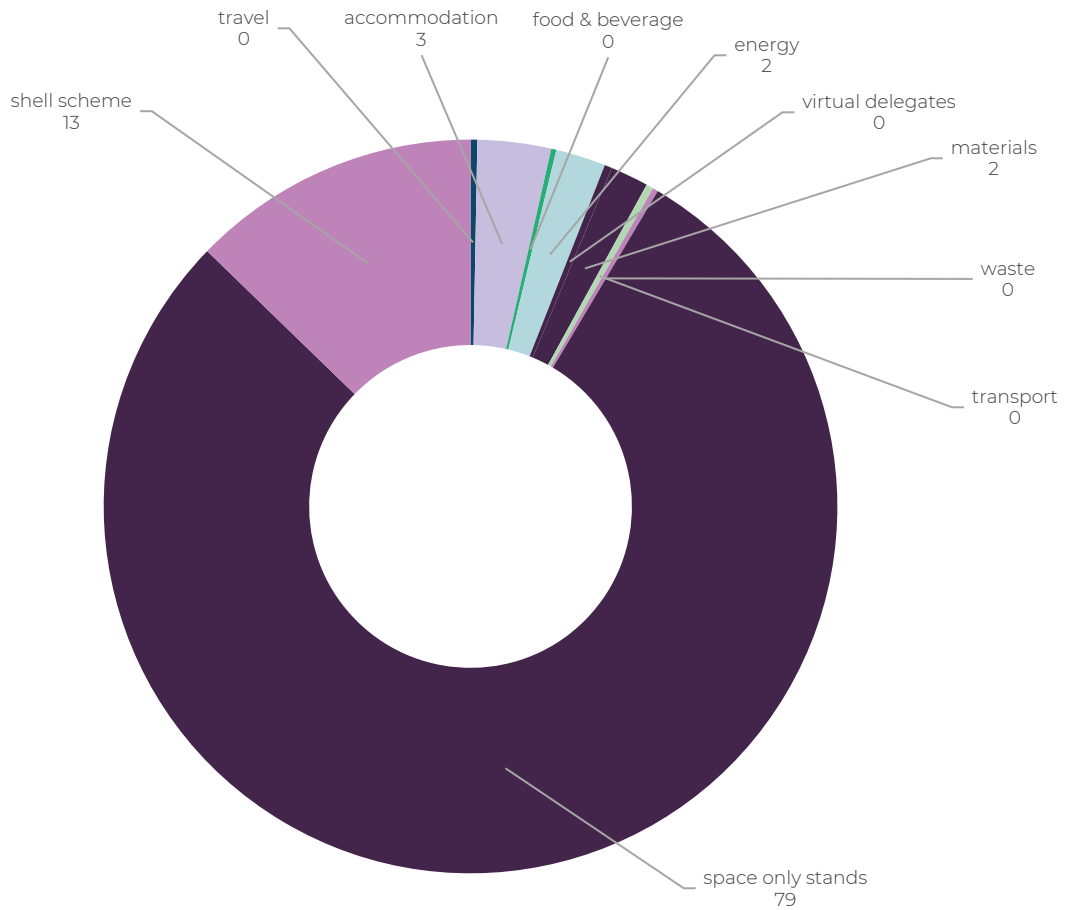
note: a result of 0.00 tCO₂e does not indicate zero emissions, merely that the category reports fewer than 10kg CO₂e when reported in tCO₂e to two decimal places.



total emissions BSR Annual Conference 2023

SHOW INFRASTRUCTURE & CREW ONLY

total tonnes CO₂e calculated: **181.85 tCO₂e**



	actuals tCO ₂ e	%
travel	0.54	0
accommodation	5.89	3
food & beverage	0.41	0
energy	4.01	2
Virtual delegates	0.60	0
materials	3.05	2
transport	0.58	0
waste	0.43	0
space only stands	143.16	79
shell scheme	23.18	13

boundaries:

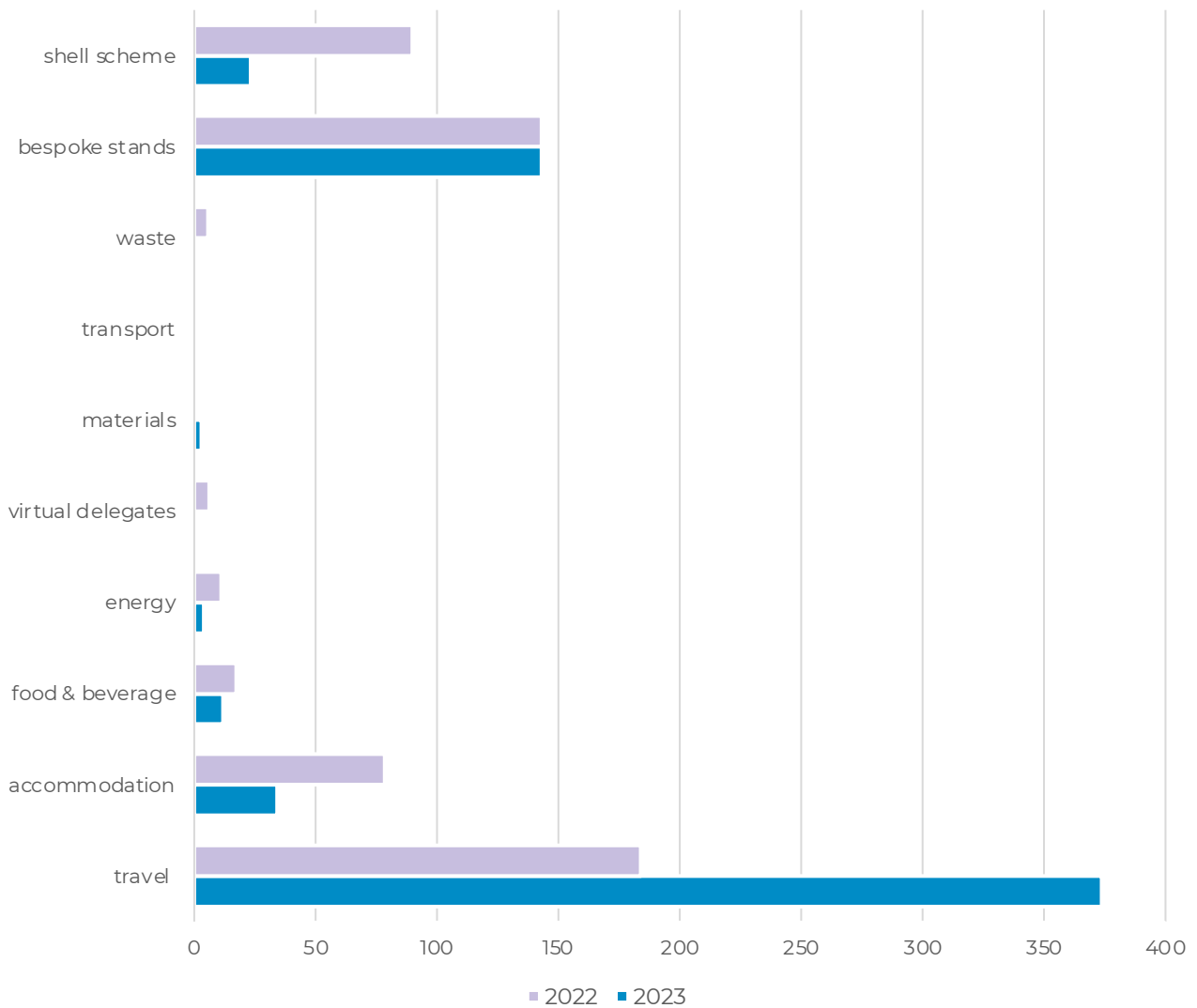
- event** duration (days), delegates (where applicable), staff, crew, event area (sqm).
- travel:** guests, crew and staffing travel by mode (air, private vehicle, public transport) class and distance.
- accommodation:** hotel nights for guests, build crew or stand staffing, by star-rating.
- catering:** 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).
- materials:** printed matter, plastics, recyclable materials and other materials used in stand build & deliver.
- transportation:** transported weight of AV, materials, furniture and other stand-based items, distance and mode of transportation.
- waste:** recyclable and residual waste.
- space only stands:** based on empirical data by sqm, and show duration, includes build crew and stand staff.
- shell scheme stands:** based on empirical data by sqm, and show duration, includes build crew and stand staff.
- note:** a result of 0.00 tCO₂e does not indicate zero emissions, merely that the category reports fewer than 10kg CO₂e when reported in tCO₂e to two decimal places.



comparison of emissions

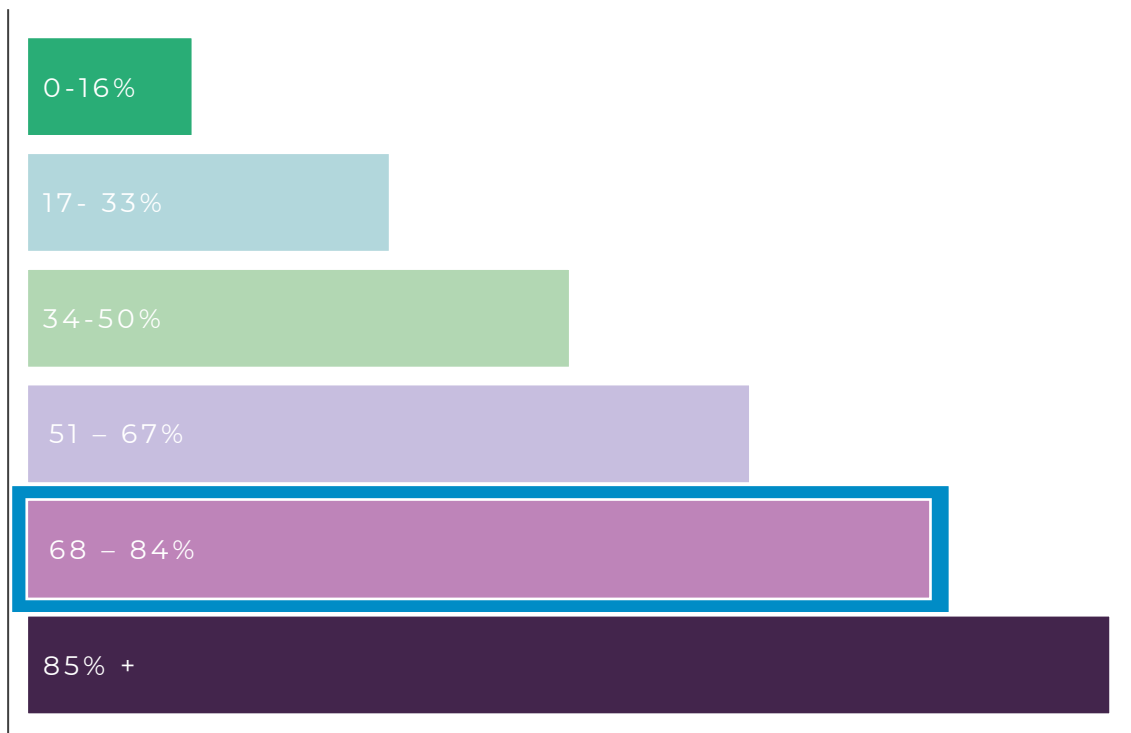
BSR Annual Conference 2023

2022 EVENT REPORT vs. 2023 EVENT REPORT



2022	actuals tCO2e	%	2023	actuals tCO2e	%
travel	184	34	travel	373.76	63
accommodation	78.4	15	accommodation	34.10	6
food & beverage	17.2	3	food & beverage	11.76	2
energy	11.1	2	energy	4.01	1
virtual delegates	6.2	1	virtual delegates	0.60	0
materials	0.421	0	materials	3.05	1
transport	0.681	0	transport	0.58	0
waste	5.6	0	waste	0.43	0
bespoke stands	143	27	bespoke stands	143.16	24
shell scheme	89.84	17	shell scheme	23.18	4

Illustration of **BSR Annual Conference 2023**, carbon footprint:
tCO₂e per delegate, based on 2360 persons
594.63 tCO₂e = 0.25 tCO₂e per person



at this level, **BSR Annual Conference 2023** is within the **84th** percentile of **exhibition 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

use the data in this report to understand significant variables & support mitigating the emissions impact of your next event using a more sustainable event planning process.

thoughts for future mitigation:

travel

there were a number of flights associated with this event as a number of the attendees travelled from abroad, so the travel emissions associated are significant. However, some 540 attended online, in a virtual environment. Had these 540 virtual delegates all attended in person (all other factors remaining unchanged) you could expect an overall increase of c. 15%.

accommodation

emissions associated with accommodation relating to the BSR Annual Conference have reduced year on year by c.50%. This is probably due to the location of the event being more centralised.

food & beverage

consider offering one or more vegetarian-only meals. For illustration, if all food provided for crew and delegates was vegetarian (all other factors remaining unchanged) the overall emissions footprint for food & beverage would be reduced by c. 55%

exhibition stands (materials & crew)

bespoke / space only stands form a significant proportion (24%) of the overall emissions profile for BSR Annual Conference 2023. You should consider providing further additional guidance / mandates around materials (and crew) where possible for use within the BSR Annual Conference 2024 event.

notes

whilst not a standard element of Track reporting, we include this section as potentially useful for year-on-year comparison and explanation in relation to 2022-2023 Conference evolution:

per person average emissions

whilst the total emissions profile has increased by 9.8%, the overall number of delegates has also increased, by 10.3%.

the per person average emissions remain static at 0.25 tCO₂e per person between both 2022 and a2023.

This is despite an increase in the proportion of in-person delegates of 24% (from 59% in 2022 to 77% in 2023). Given that in-person delegates' emissions profiles are significantly more than those of virtual delegates, this demonstrates that the Conference has being delivered significantly more efficiently in 2023.

show infrastructure & crew

the show infrastructure and crew emissions profile for the 2023 Conference is reduced by 32% when compared with the 2022 Conference. This demonstrates that the mechanics of the Conference are being delivered more efficiently in 2023.



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 infrastructure only:

BSR Annual Conference 2023

excluding: delegate travel, accommodation, food & beverage
all bespoke exhibition stand builds
shell scheme stand owner assets (print, staffing)

15.51 tCO₂e*

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

£78 - £388 dependant on project & provider chosen

*this measurement includes all client Scope 3 emissions, as defined by GHG Protocol and measured in accordance with IPCC Principles.