

CO₂ emissions related to Fundamentals of Adsorption (FOA)

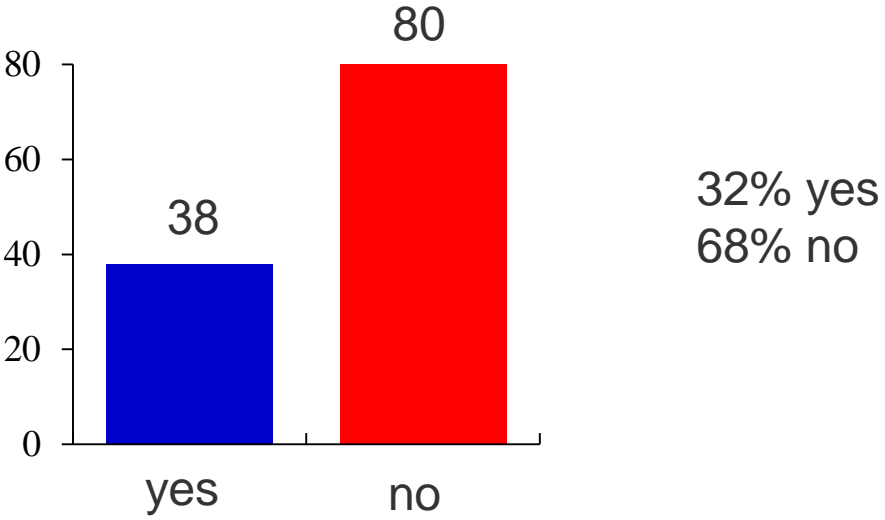
~ 118 responses

20 questions

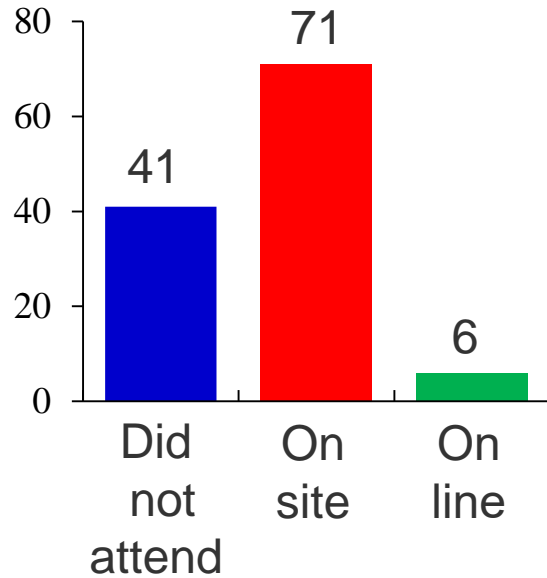
Created May 2022

Data collected and analyzed July 21, 2022

Q1. Did you take the first survey in Spring 2020?

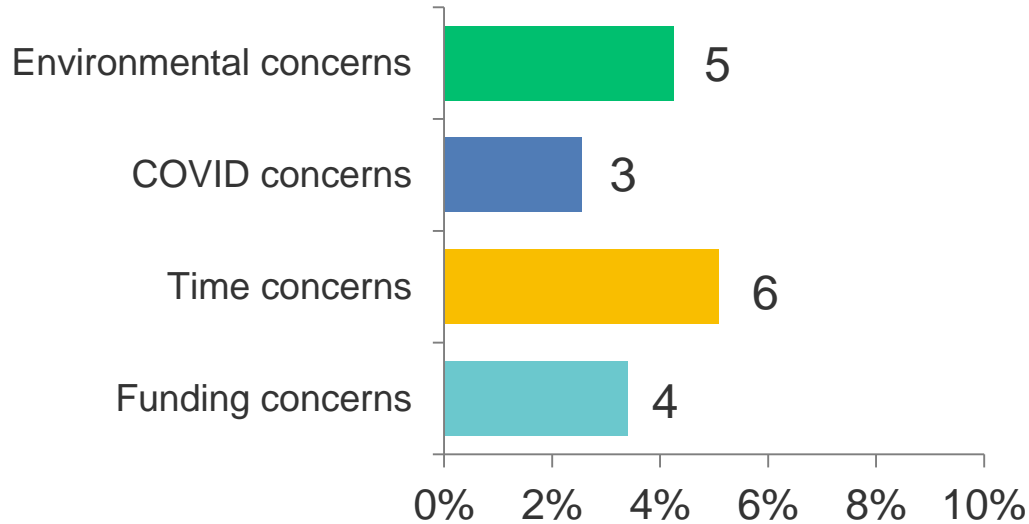


Q2. Did you attend (in person or on-line) FOA14 in Denver in May 2022?



35% Did not attend
60% On site
5% On line

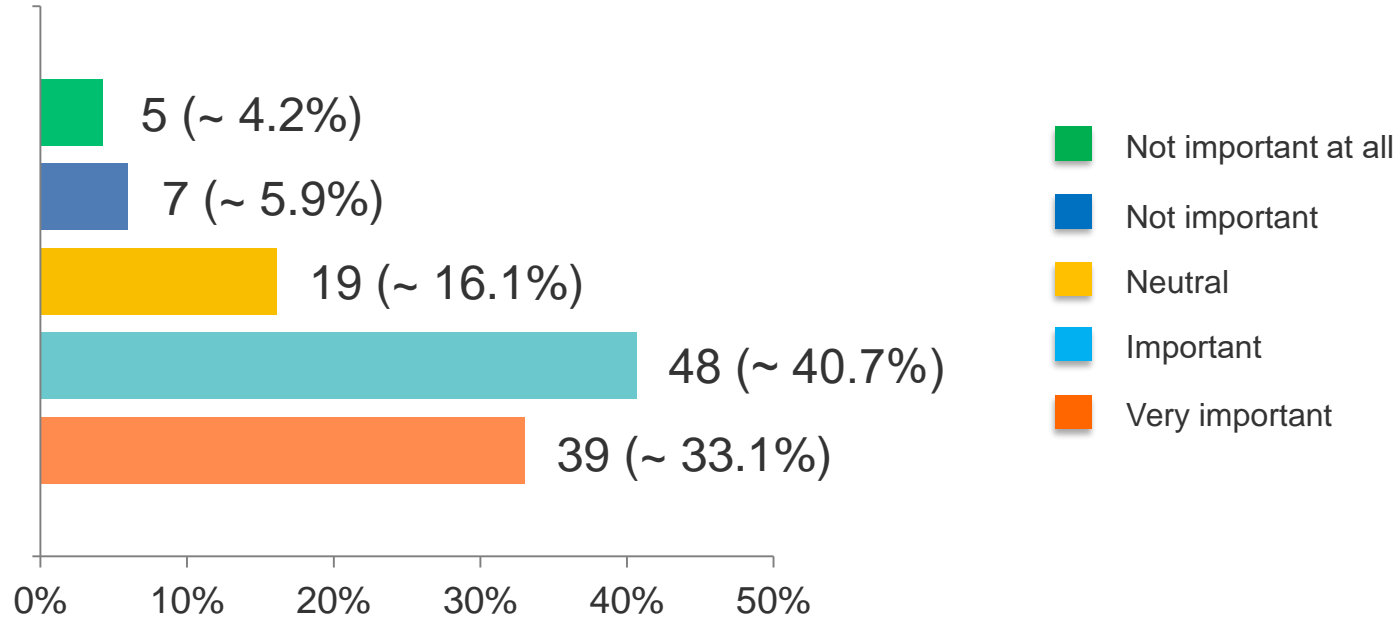
Q3. If you attended on-line, what was your main motivation to do so? (please answer “does not apply” if you did not attend or attended on-site)



Nota Bene:

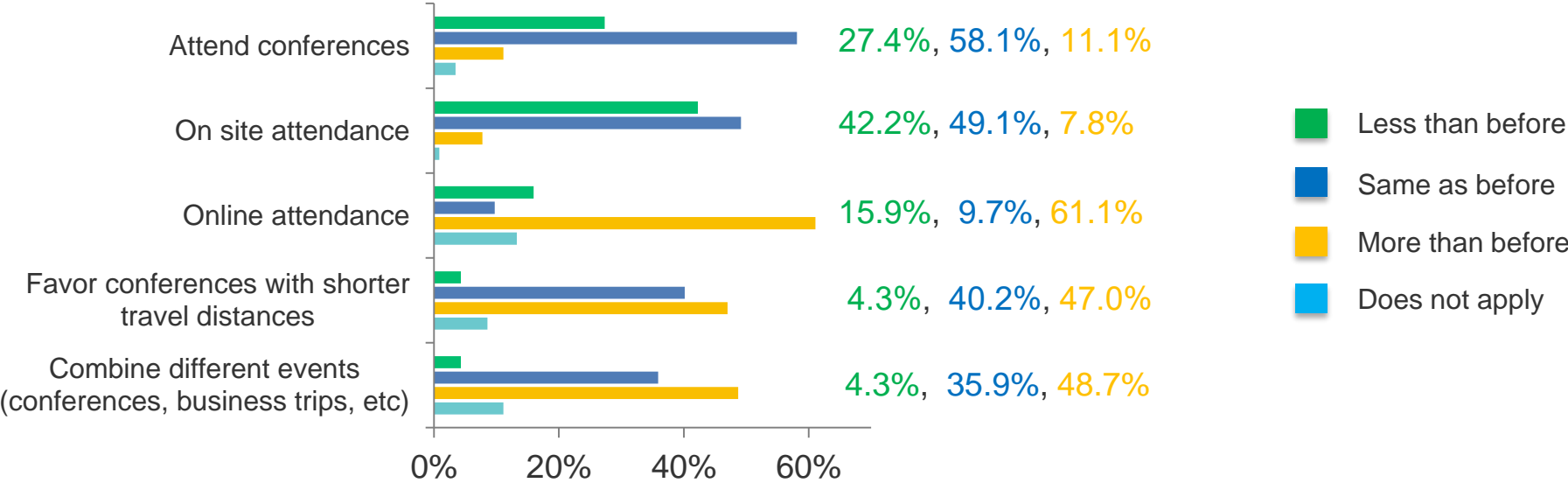
The number of answers is larger number of on line attendees who took the survey. This is due to the fact that several people who did not attend (on line/on site) answered this item.

Q4. With increasing concerns over global warming, how important to you is reducing FOA environmental footprint (emission, waste, etc.)?



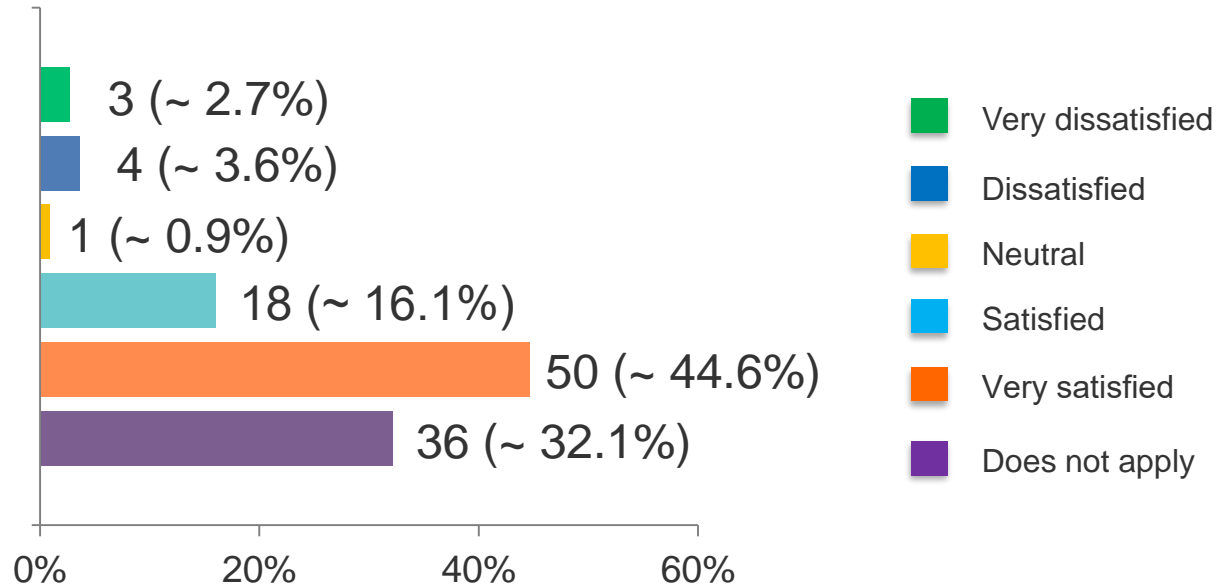
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Q5. With respect to pre-COVID conferencing habits, how much do you intend to attend the following event types in the post-COVID world (check all assertions that apply)

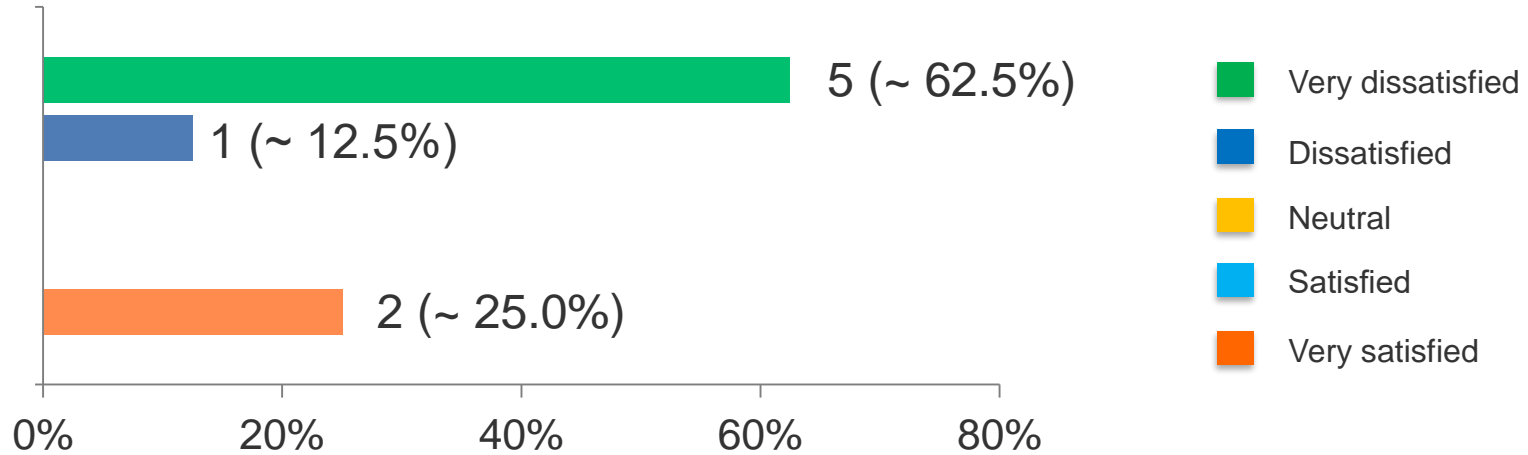


Q6. What is your opinion on the quality of social and scientific interactions at FOA14?

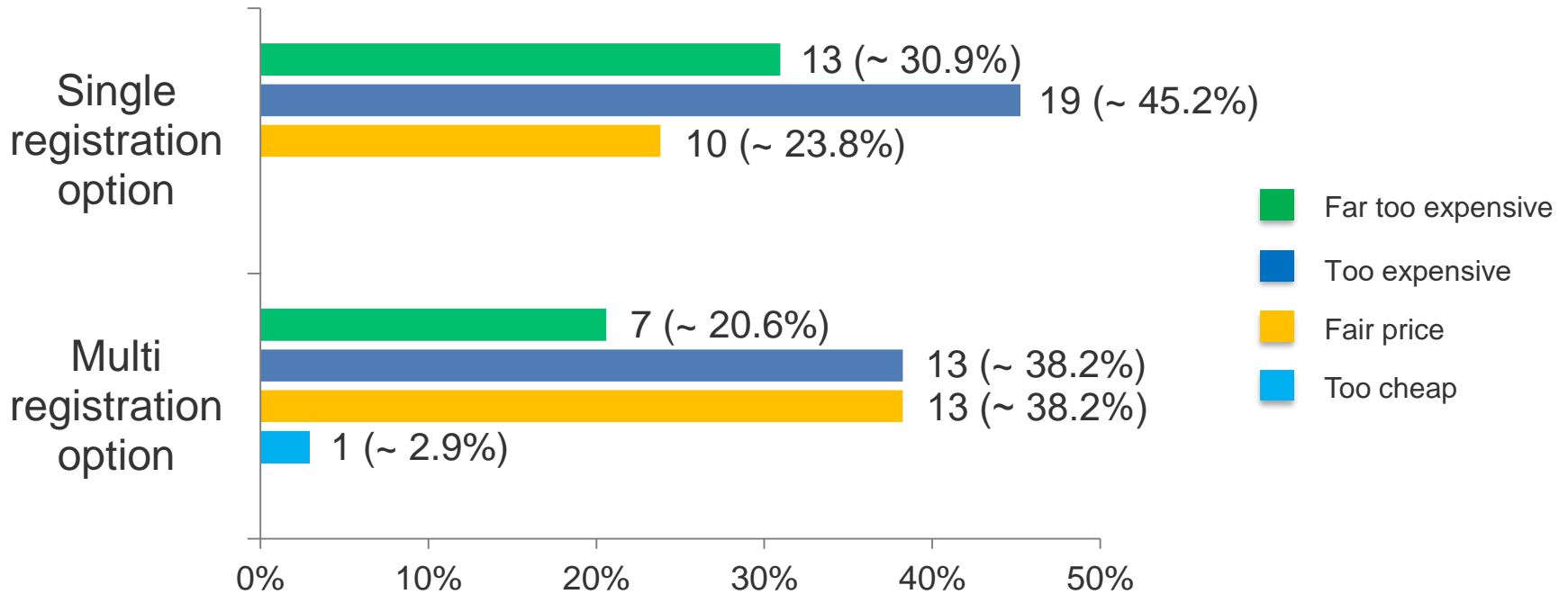
(answer “does not apply” if you did not attend physically or virtually)



Q7. If you attended FOA14 online, what is your opinion on the on-line access quality including connection, image/sound quality, possibility to ask questions, etc.? (answer “does not apply” if you did not attend or attended physically FOA14)

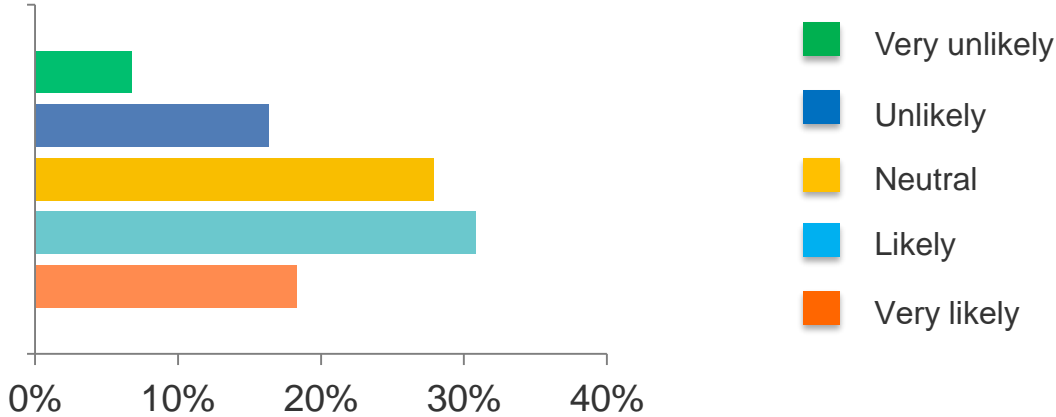


Q8. Considering the different registration options for on-line attendance (single registration versus multi registration package), how do you consider the registration fees (answer “does not apply” if you did not attend or attended physically)?

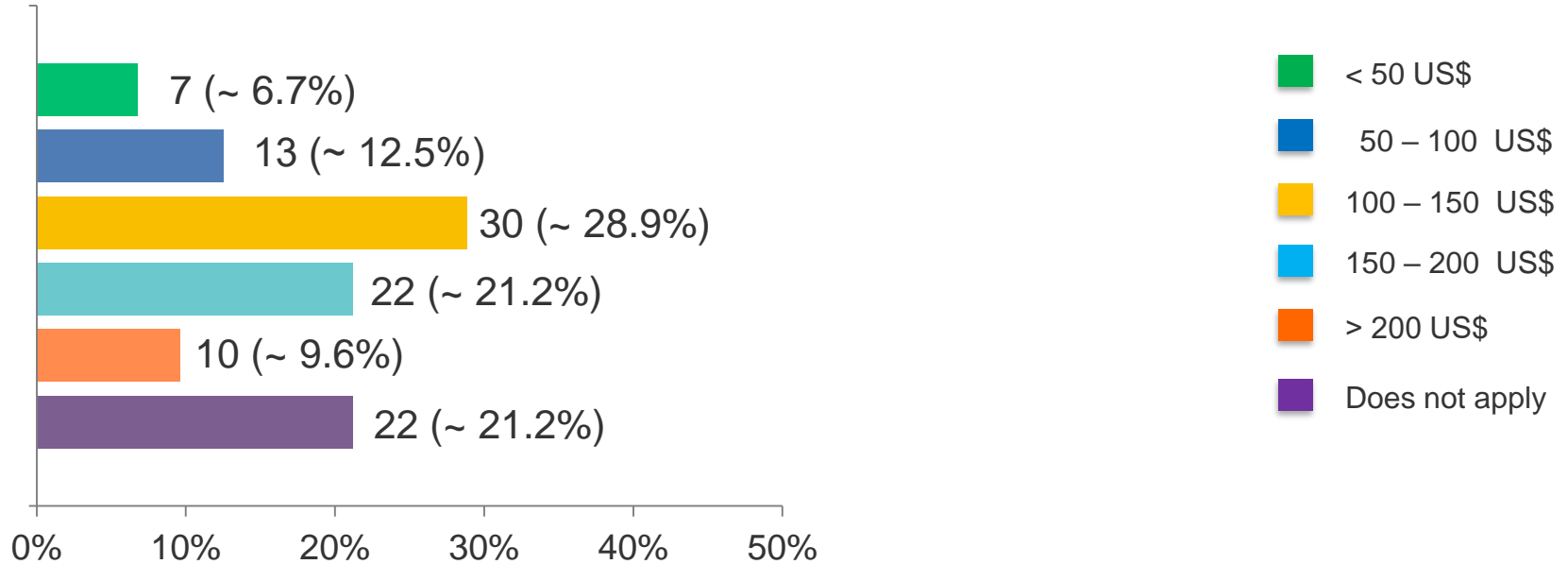


Q9a. If the next FOA in Europe was combined with a pre/post FOA school or workshop* on a more focused topic, would you attend this event?

VERY UNLIKELY	UNLIKELY	NEUTRAL	LIKELY	VERY LIKELY
6.7%	16.4%	27.9%	30.8%	18.3%

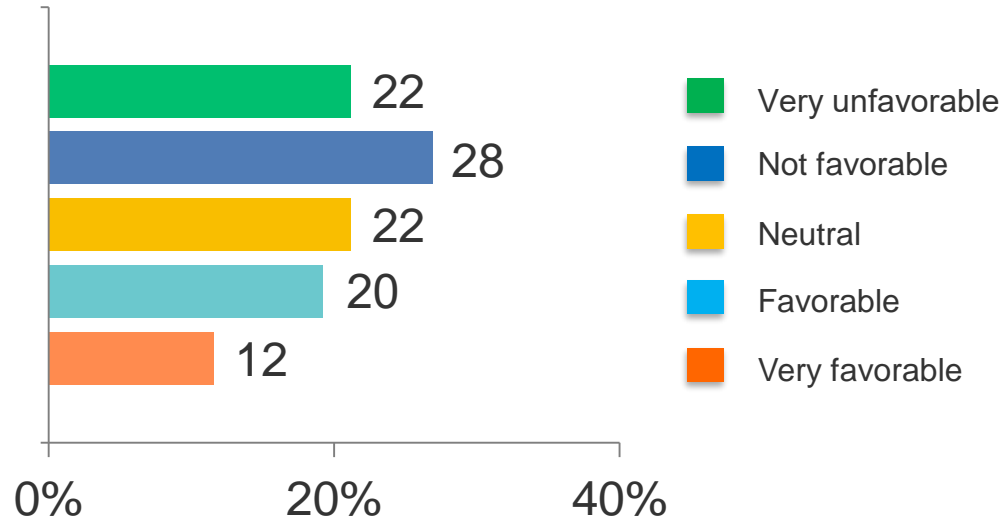


Q9b. How much would you be willing to pay per day for such a school or workshop including meals and accommodation (answer does not apply if you would not attend)?



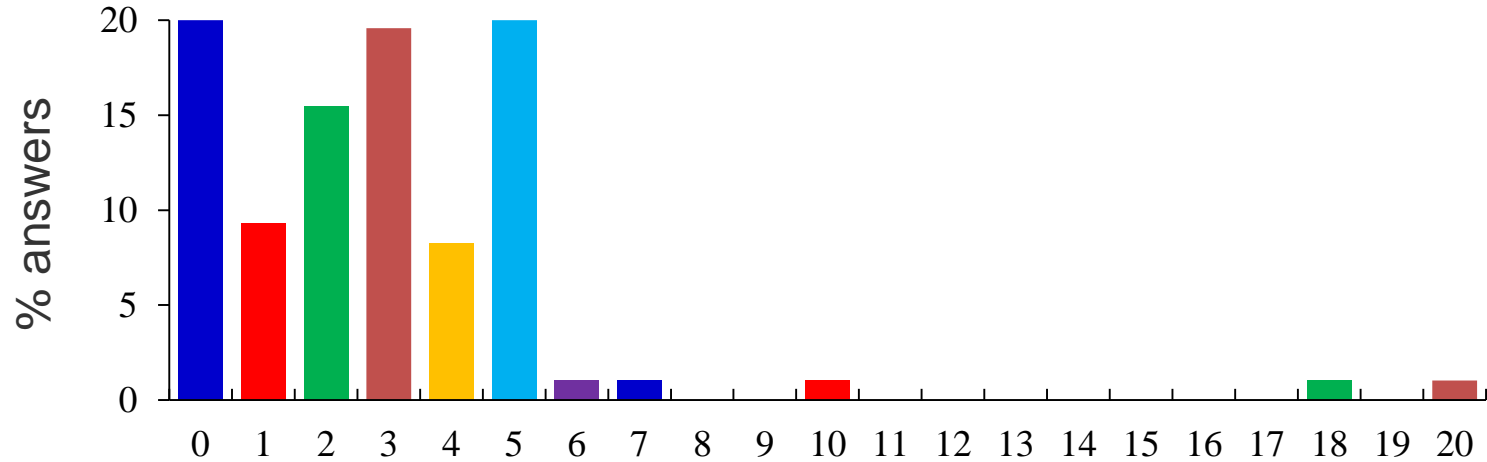
Q10. What do you think of satellite regional FOA conferences that would occur over the same dates in different places but with the same common sessions?

VERY UNFAVORABLE	UNFAVORABLE	NEUTRAL	FAVORABLE	VERY FAVORABLE
21.15%	26.92%	21.15%	19.23%	11.54%

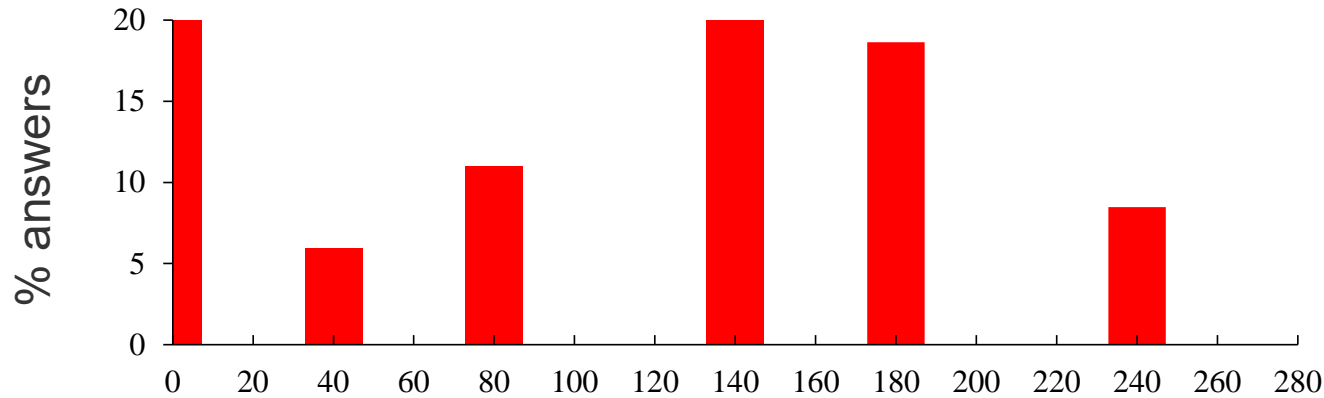


* typically, one in the US, one in Pacific/Asia, and one in Europe). This would allow more people to attend whilst reducing the required travel (no flights / regional flights only) thereby reducing emissions, cost and time.

Q11a. If next FOA in Europe was broadcasted on-line at a reduced registration fee (either live streaming or through webinars), how many people around you (including you) would attend?

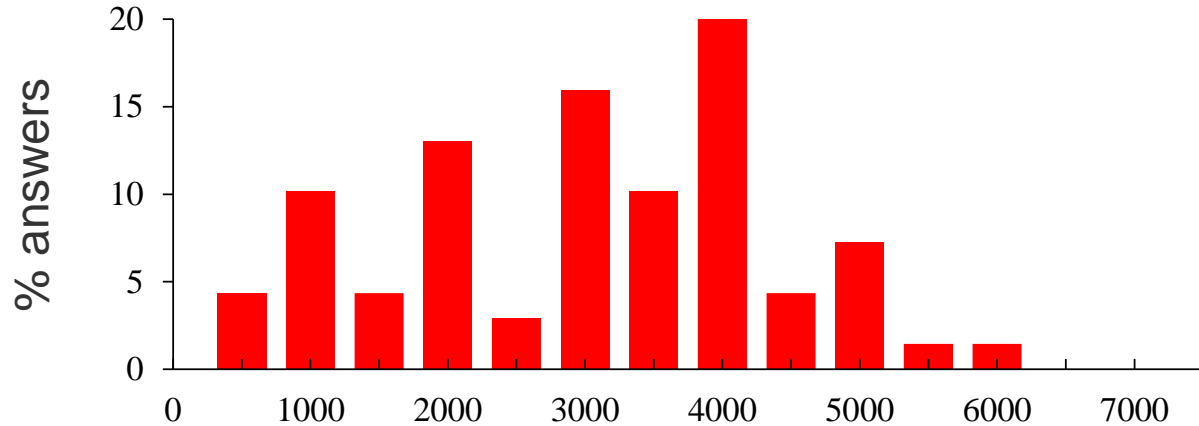


Q11b. How much would you/they be willing to pay (please enter the amount in US\$)?*



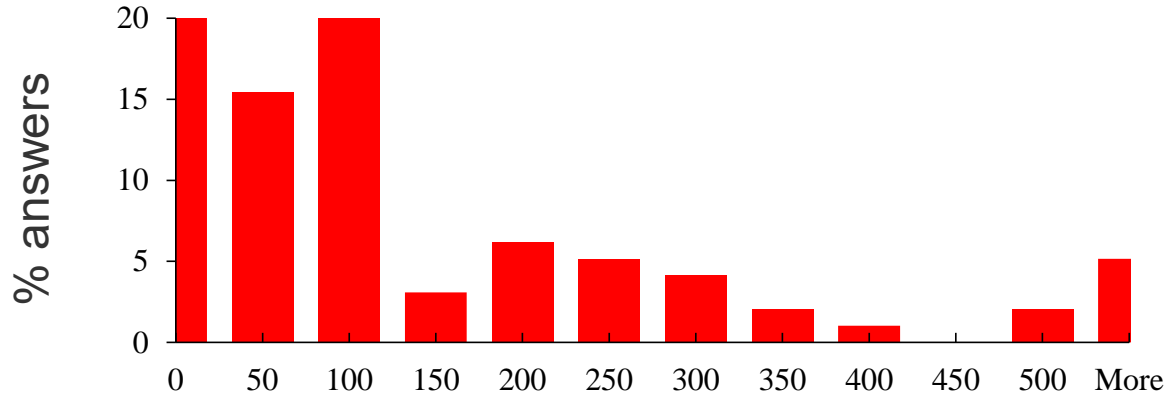
* As a reference, the early bird registration rate was around 780 US\$ for a regular academic attendee at FOA13 in Cairns and 1170 US\$ at FOA14 in Denver.

Q12. Regardless of physical or virtual attendance, considering that the FOA14 conference fee in Broomfield was about 2570 US\$, how much did you spend overall to attend the conference?



* Numbers should be provided in US\$ and include registration as well as travel, accommodation, non-tourism side expenses, etc. (if applicable)

Q13a. What fee increase would you consider reasonable to make FOA in Europe in 2025 meetings carbon neutral?*



* Please indicate the number in US\$ or enter 0 if you are against such a solution.

Q13b. How would you prefer to have this fee increase? (Answer does not apply if you are against emission compensation)

As an option that each participant could select

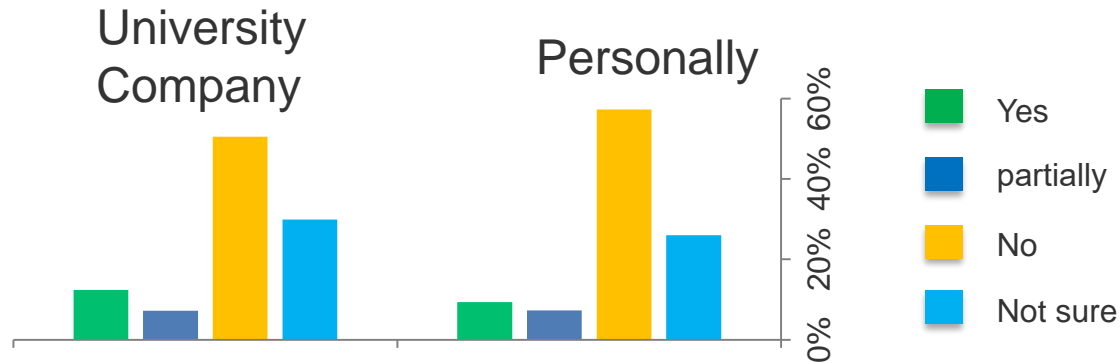
35.44%

As a general increase applying to everyone

64.56%

Q14. Is your university/company/institution or are you personally compensating for your flight/trip emissions?

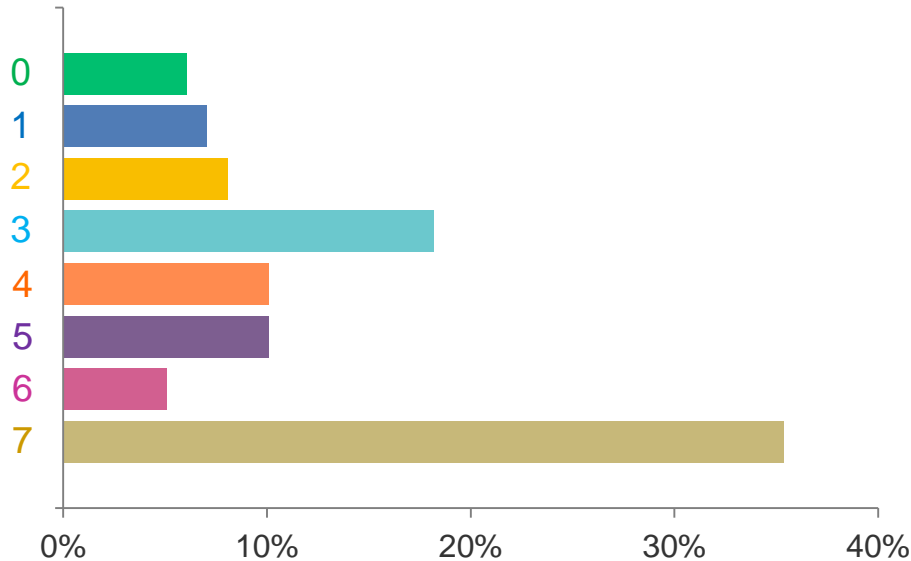
	YES	PARTIALLY	NO	NOT SURE
University, company →	12.37%	7.22%	50.52%	29.90%
Personally →	9.38%	7.29%	57.29%	26.04%



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Q15. How many meat-less meals would you find acceptable during the FOA conference (from 0 to 7 meals in total*)?

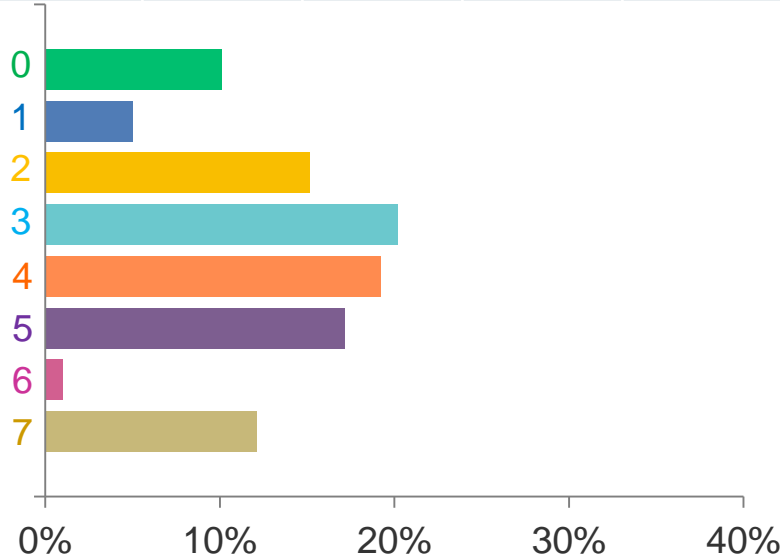
0	1	2	3	4	5	6	7
6.06%	7.07%	8.08%	18.18%	10.10%	10.10%	5.05%	35.35%



* from 0 to 7 meals in total, including 5 x lunch, welcome reception and conference dinner)

Q16. How many cold meals would you find acceptable during the FOA conference (from 0 to 7)?*

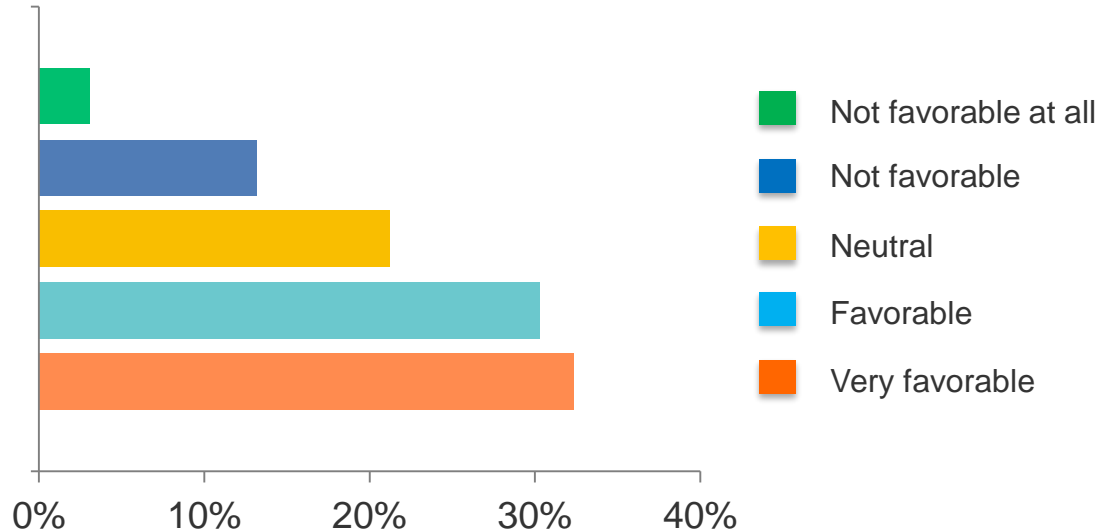
0	1	2	3	4	5	6	7
10.10%	5.05%	15.15%	20.20%	19.19%	17.17%	1.01%	12.12%



* considering that FOA takes place in May with a temperature not below 15°C

Q17. How would you find welcome receptions and gala dinners less expensive and less CO2 emitting?*

VERY UNFAVORABLE	UNFAVORABLE	NEUTRAL	FAVORABLE	VERY FAVORABLE
3.03%	13.13%	21.21%	30.30%	32.32%





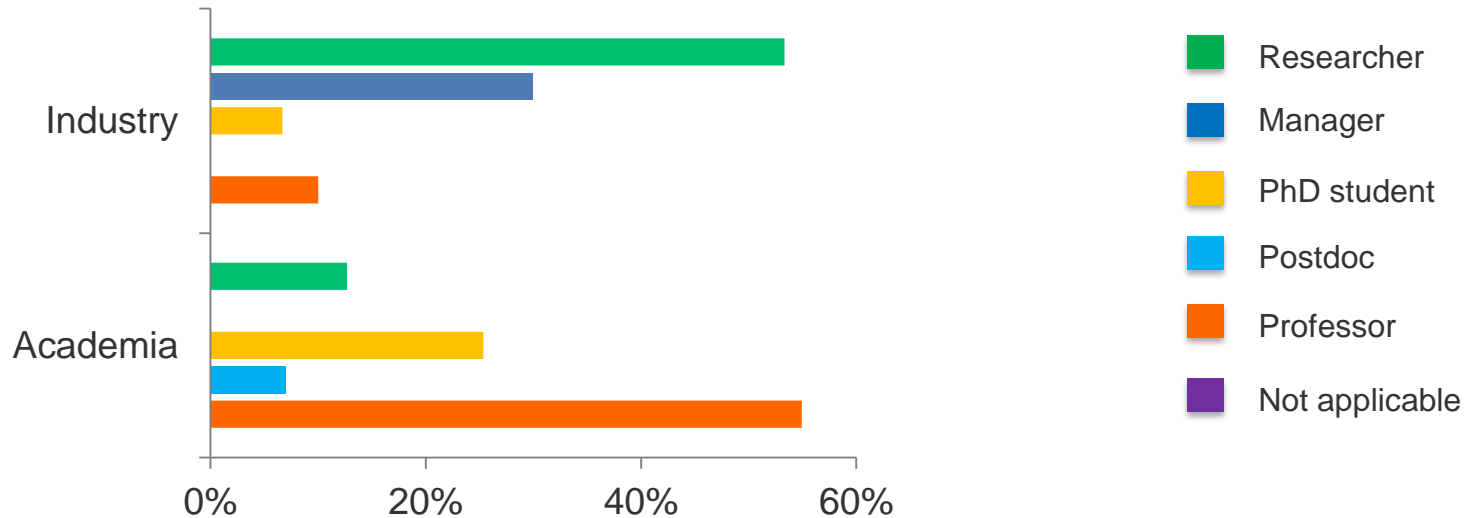
* e.g. buffet style starters, standing tables, fewer meat-based dishes, more cold dishes, etc.)

Q18. Do you have suggestions or comments to help make FOA conferences and other scientific conferences in general carbon neutral? What would be your “out of the box” suggestions to make on-site meetings carbon neutral?

No statistical data to be displayed
(only individual responses)

Q19. What is your current position?

	Researcher	Manager	PhD Student	Postdoc	Professor
Industry 	53.33%	30.00%	6.67%	0.00%	10.00%
Academia 	12.68%	0.00%	25.35%	7.04%	54.93%



Q20. If you like, feel free to provide your contact information so that we can contact you for further discussion/interaction.

No statistical data to be displayed
(only individual responses)