

## 15th International Congress on Mathematical Education (ICME-15) 2024

### Introduction

Conferences are powerful platforms for advancing knowledge economies, catalysing innovation, and generating benefits for local and global communities.

Business Events Sydney (BESydney) in collaboration with the University of Technology Sydney, Business School surveyed delegates attending the 15th International Congress on Mathematical Education (ICME-15) held in Sydney in July 2024, to understand the broader impacts of the congress.

The findings reveal that ICME-15, through exploring current global trends in mathematics education research and teaching practices at all levels, significantly contributed to scientific advancement, industry innovation, and support for vulnerable communities, while also promoting social and environmental sustainability.

### BEYOND TOURISM IMPACTS

**218**  
survey responses

82% academics  
17% practitioners  
1% other

83% international  
10% interstate  
7% NSW

**97%**

agreed that ICME-15 enabled/contributed to scientific advancement (new knowledge / ideas / technology / collaboration)

**88%**

agreed that ICME-15 enabled/contributed to attraction of global talent to Sydney

**84%**

agreed that ICME-15 enabled/contributed to industry innovation (new knowledge / ideas / technology / practice)

**80%**

agreed that ICME-15 enabled/contributed to improved social policy

**78%**

agreed that ICME-15 enabled/contributed to support of vulnerable communities

**51%**

agreed that ICME-15 enabled/contributed to trade and investment

Percentage of respondents rating 3 or more out of 5

### What ICME-15 delegates had to say...

#### About scientific advancement

"The event included workshops to educate future researchers, a lot of communication about the current state of the scientific field and many opportunities to meet, collaborate and plan new projects with other scientists around the globe.

"This meeting allowed me to have deep conversations about research and potential new directions in maths education with current colleagues (many of whom I have rarely met in person because of distance) as well as individuals I met for the first time in Sydney at the meeting (and have already communicated with multiple times via email since)."

#### About industry innovation

"I was impressed by the cutting-edge research and technologies presented, which will undoubtedly advance the field of mathematics education."

"Many new and innovative ideas will emerge from this event and be in practice in education systems around the world."

"There was sharing of innovative ideas that will ideally help improve education and the lives of students."

#### About improved social policy

"The conference emphasized the importance of inclusive and equitable mathematics education, which can inform social policy and promote greater diversity and access in STEM fields."

"The conversations that happen at this conference often impact subsequent collaborations that shape policy."

"Talks, discussions and inputs at this conference will influence future educational policy across the globe."

#### About support of vulnerable communities

"This event allowed the voice of marginalised individuals and underrepresented populations to be heard. It contributed to the welfare of the next generation by allowing distinguished researchers to be able to talk about problems and solutions for the next generation of mathematics."

"Attention given to addressing educational policy with a strong emphasis on supporting vulnerable communities."

#### About attracting global talent

"The conference showcased Sydney as a hub for mathematical innovation and education, potentially attracting international talent and collaborations."

"My visit of Sydney was extremely impactful. I feel Sydney is an international city. The scenario is global. The residents are of diverse backgrounds and cultures. I felt that my cognitive and emotional awarenesses are increased."

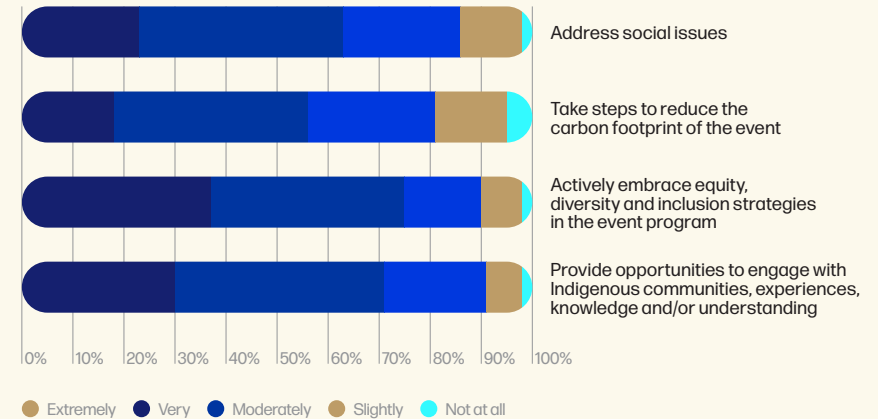


### What ICME-15 delegates think...

"ICME provided a forum for the discussion of critical and emerging topics such as... ethnomathematics, and the inclusion of indigenous education, among other relevant areas for mathematics education... These debates are fundamental for promoting a more inclusive, innovative, and relevant mathematics education to meet the challenges of the 21st century."

### About the importance of Social and Environmental Sustainability

Over **80%** of delegates rated sustainability as moderately to extremely important, with over **55%** saying it is very to extremely important to them:



### TOURISM IMPACTS



#### Top 3 flight booking leadtimes

16%	6+ months
51%	3-6 months
22%	1-3 months



#### Top 3 types of accommodation used

42%	4-5 star
16%	3 star
14%	Airbnb



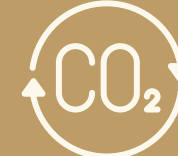
#### Top 3 booking channels used

28%	Booking engine
21%	Conference website
18%	Hotel website



#### Did you duty free shop at Sydney Airport?

35%	Yes
65%	No



#### Did you buy carbon offsets for your flight?

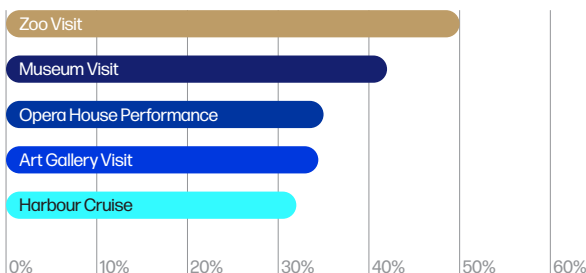
9%	Yes
91%	No



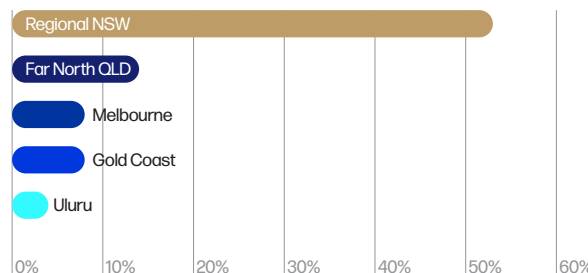
#### Happy with the Australian visa application process?

87%	Rated 4 or 5 out of 5
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### Percentage of delegates visiting top 5 tourist attractions



### Percentage of international delegates visiting top 5 areas outside Sydney



74%

think they will visit Sydney again in the future

86%

would highly recommend Sydney as both a conference and tourist destination (based on scores of 8+ out of 10)