



Department of Energy, Mines,
Industry Regulation and Safety

Geological Survey of
Western Australia



GSWA OPEN DAY 2023

Post-Conference Report

GSWA OPEN DAY 2023 | *Host & Presenters*

Thank You



Hosted by
Michele Spencer
Executive Director
Geological Survey of Western Australia



Kerry-Ann Winmar
Nyungar Tours



The Hon. Bill Johnston MLA
Minister for Mines and Petroleum;
Energy; Hydrogen Industry



Simon Johnson
Director Regional
Geoscience



Yulia Uvarova
A/ Science/Deputy Director,
CSIRO Mineral Resources



Fawna Korhonen
Manager Proterozoic Margins



Ben Laidler
Director of Battery and Critical
Minerals Industries, Department
of Jobs, Tourism, Science and
Innovation



John O'Donnell
Senior Geophysicist



Tony Perry
Program Manager



Yasinta Situmorang
Manager Petroleum Exploration
Information



Julie Cass
Senior Geologist



Charlotte Hall
EIS Coordinator



Imogen Fielding
Senior Geochronologist
Phosphate Geochronology



David Martin
Manager State Geoscience



David Hamdorf
Senior Geologist Mineral
Resources

Thank You



Moderated by
Richard Chopping
Manager Geoscience
Mapping Through
Cover

Geological Survey of
Western Australia



Annette George

Professor and Head of the
School of Earth Sciences, The
University of Western Australia



Jai Thomas

Deputy Director General,
Coordinator of Energy,
Department of Energy, Mines,
Industry Regulation and Safety

During the 75 minute panel discussion, thirty-four questions were submitted by the audience. These are the most common themes that occurred:



Jon Hronsky

Director, Western Mining
Services



Nicole Roocke

Chief Executive Officer, Minerals
Research Institute of Western
Australia



Marina Costelloe

Branch Head Mineral Systems,
Geoscience Australia

metal
industry
mineral
transition
hole
debate
new generation
renewable energy
government
geoscience

GSWA OPEN DAY 2023 | *Audience breakdown*

100+



Organizations present

8+



Geographic locations
represented

230+



Delegates and special
guests attended

20



Presenters and
panellists

GSWA OPEN DAY 2023 | *Organizations represented*

2H Resources
Adroit Capital
AGIG
Akarbo Resources
Alto Metals Ltd
AQ2
Ascendience Geoscience
Asra Minerals
Australian National University
Australian Resources Research
Centre AVALIO
BHP
Black and Veatch
Bovell Surveys Pty Ltd
BOWest Pty Ltd
Buru Energy
Chalice Mining
CO2Tech
Constellation Resources
Cryptodome
CSIRO
Curtin University
De Grey Mining
Department of Energy, Mines,
Industry Regulation and Safety
Department of Jobs, Tourism,
Science and Innovation
Devex Resources
Dextral
Encounter Resources
ERCE Australia Pty Ltd
Eureka Geoscience Pty Ltd

FMG
Fortescue
Future Metals NL
Gaia Geological Services
Galileo Mining
GeoLucid
GEOSBORNE PTY LTD
Geoscience Australia
GeoVault
Geowisdom Pty Ltd
Gold Hydrogen
Golden State Mining
Greatland Gold
Hatch
HiSeis
Honeyguide Consulting
Howman Seismic Services
InCapture
INPEX
Kalamazoo Resources Limited
Karara Mining
Katalyst Data Management
Kearney
KH Morgan and Associates
Labwest Minerals Analysis Pty Ltd
Lefroy Exploration
Longreach Mineral Exploration
Lord Resources Ltd
MBS Environmental
Mimosa Blue
Minerals Targeting International
(MTI)

MinEx CRC
Model Geosciences Pty Ltd
MRL
Nanometrics
Newexco Exploration Pty Ltd
NOPSEMA
NOPTA
North Western Resources
Northern Star Resources
Octava Minerals
Playa One Pty Ltd
Qeye
RadiXplore
Rio Tinto
Riversgold Ltd
Roy Hill
RTX
S&P Global
SavAuge Geological
Searcher Seismic
Silver Lake Resources
SkyTEM Australia Pty Ltd
SLB
SOCO
Southern Geoscience
Consultants
SQM Australia Pty Ltd
SRK Consulting
Strategic Energy Resources
Tambourah Metals Ltd
Teck Resources
Terra Resources Pty Ltd

Terra Search
The Minerals Research Institute Of
Western Australia
The University of Western
Australia
Traka Resources Ltd
University of South Australia
Vector Geoscience
Vox Geophysics
VRX Silica
WASM
Western Mining Services
Westgold Resources Limited
Wireline Services Group
Xcalibur Multiphysics
Zenith Minerals Limited
Plus independent consultants and
geoscientists

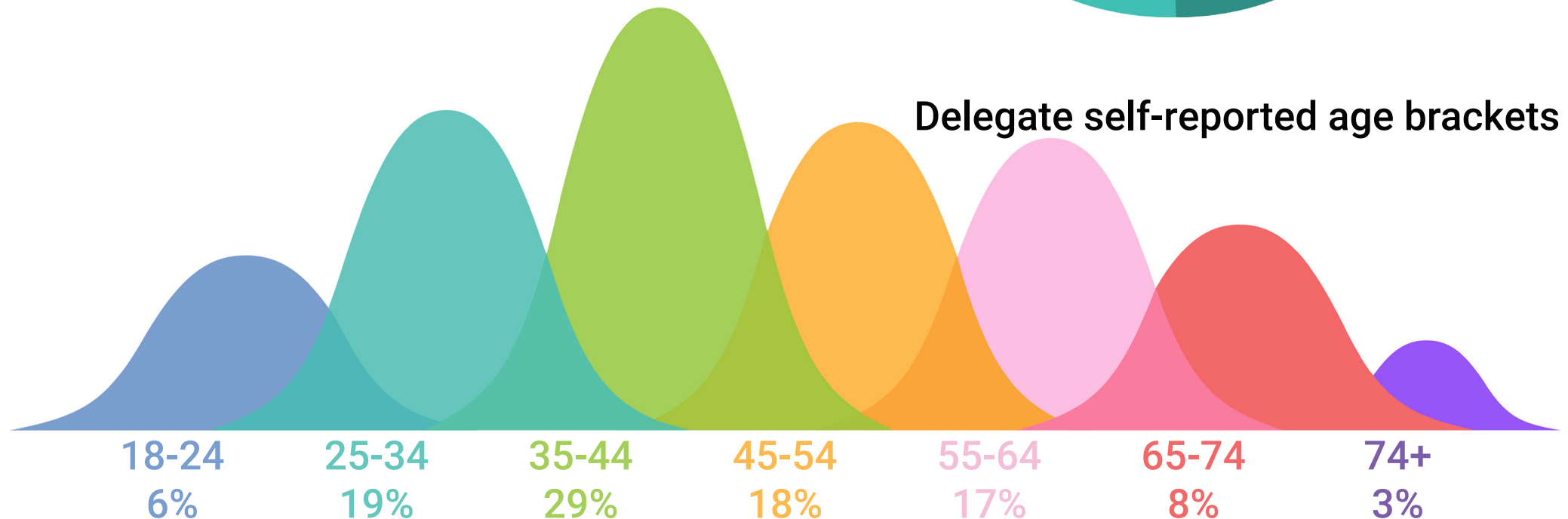
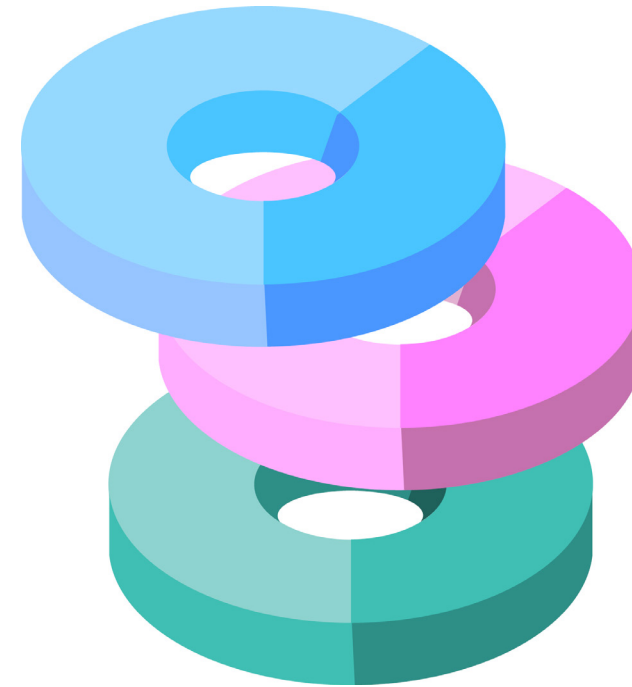


GSWA OPEN DAY 2023 | *Demographics**

48% of delegates self-identified as men

30% of delegates self-identified as women


22% of delegates chose not to respond



*Delegates were asked to voluntarily submit this data during the ticketing process

GSWA OPEN DAY 2023 | *Geographic Representation**

We asked you what region of Western Australia you primarily work in and these were your responses:



Goldfields-Esperance	3%
Kimberley	1%
Mid West	5%
Perth Metro	33%
Pilbara	3%
South West	3%
Wheatbelt	0
Multiple Regions	43%
Interstate	0.5%
Internationally	0.5%
Unclear	8%

**Delegates were asked to voluntarily submit this data during the ticketing process*

GSWA OPEN DAY 2023 | *Slido Q&A*

194 delegates participated via Slido: 125 of you asked a question or voted during a Q&A, 164 participated in a live poll.

A total of 138 questions were asked during the Q&As at the end of each session, these were the trending themes throughout the day:

A word cloud of trending themes from the GSWA Open Day 2023 Q&A session. The words are arranged in a circular pattern around the central word 'gswa'. The words are: 'critical mineral', 'data', 'resource', 'wa array', 'mineral', 'industry', 'hole', and 'co2'. The word 'gswa' is the largest and most central. The words 'critical mineral' and 'data' are also large. The words 'hole' and 'co2' are smaller and positioned at the top left and top right respectively. The words 'industry', 'mineral', 'resource', and 'wa array' are positioned around the bottom half of the circle.

co2

hole

critical mineral

industry

gswa

data

mineral

resource

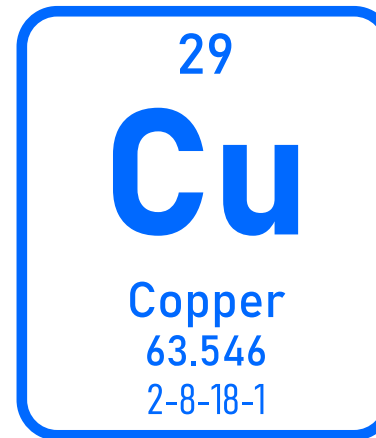
wa array

GSWA OPEN DAY 2023 | *Slido Live Polls*

We asked you how we can all support the next generation of geoscientists, these were your top-rated responses:

funding research
mentoring
outreach school
industry university
accessible mentor education
collaboration
internship

We asked you what mineral you predict will be the most 'critical' by 2030 and these were your top 4 responses:



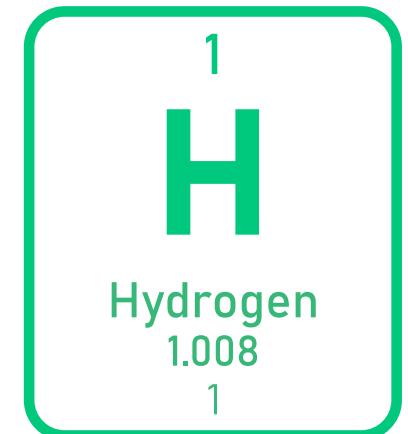
19 votes



9 votes



7 votes



5 votes

GSWA OPEN DAY 2023 | *Slido Live Polls*

We asked you if you believe that green hydrogen will be a viable industry in Western Australia, this is how you responded:



55% Hydrogen is not the solution to our energy 'problem'



28% Natural hydrogen is more likely to be the future of energy in WA



17% Green hydrogen is the future of energy in WA

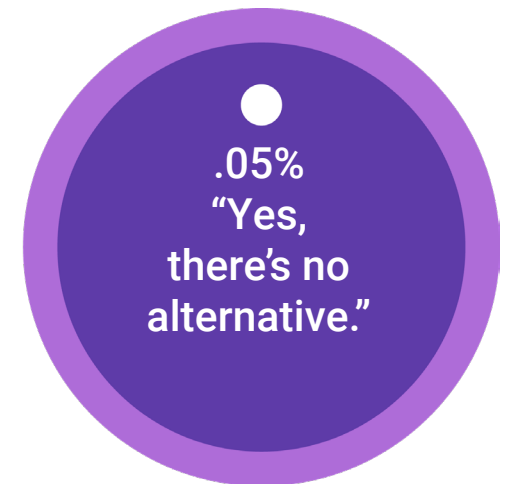
We asked you if you believe we are reaching net zero by 2050, this is how you responded:



54%
"No Way"



40%
"We have a chance with more collaboration and innovation"



.05%
"Yes, there's no alternative."

GSWA OPEN DAY 2023 | *Your feedback**

"A slick, well-run event and excellent turnout."

"An extremely valuable networking function."

"I liked the polls, it made the whole day more interactive...there was a positive vibe to the day."

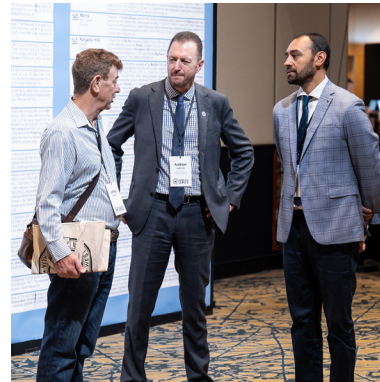
"Great diversity of presenters."

"Such a good experience as someone who has only completed their 2nd year of uni."

"Good venue. Excellent speakers. Great networking."

*Some responses have been edited for clarity.

GSWA OPEN DAY 2023 | *Thank you for coming!*





GOVERNMENT OF
WESTERN AUSTRALIA

Department of
Energy, Mines, Industry
Regulation and Safety

See you next year:

GSWA OPEN DAY

Friday, 15 November 2024

Hyatt Regency Hotel, East Perth