

# **CRITICAL MINERALS JAPAN** **DEFENCE INVESTMENT SECURITY** **CONFERENCE & EXHIBITION**



**CRITICAL MINERALS INVESTMENTS, SUPPLY CHAIN  
SECURITY & SUSTAINABILITY, CLEAN ENERGY,  
TECHNOLOGY & INNOVATION IN JAPAN**

**CONFERENCE & EXHIBITION**

**17 - 18 September 2025**

**Akasaka Intercity Conference & Exhibition Center  
Tokyo, Japan**

**[www.criticalmineralsjapan.com](http://www.criticalmineralsjapan.com)**

Organised by

**SPIRE EVENTS**

Supported by

**CRITICAL  
MINERALS  
ASSOCIATION**  
Your Global Mining Authority

# EXPLORE JAPAN'S CRITICAL MINERALS OPPORTUNITIES SPURRING INVESTMENT & INNOVATION FOR THE SECURITY AND FUTURE OF THE ECONOMY ACROSS KEY ADVANCED MANUFACTURING SECTORS

Critical Minerals Japan Conference and Exhibition is firmly established as Japan's largest international critical minerals, commodities, investment, clean energy & technologies show, bringing together the entire mineral resources value chain to Tokyo.

Japan's economic security depends on the access & availability of the critical minerals which are fundamental in an advanced manufacturing economy, aerospace, defence and high-tech technologies such as semiconductors, batteries, electric vehicles, wind turbines and solar panels. Japan's government, trading companies, mining companies, automobile companies, electronics firms, banks, investment funds, and others are all focused on securing new supplies of those strategic minerals around the globe.

We are highlighting global alliances, national security issues, commodities forecasts & demand, mining investment trends, exploration opportunities, financing models, sustainability goals, ESG and technological innovations that play a crucial role in shaping the new era of mining & energy industry.

Position your company at the forefront of the mining & critical minerals industry, alongside 30+ exhibitors and meet with 400+ key decision makers, qualified buyers and industry professionals who are actively seeking projects, products, technologies and solutions that will accelerate the mining momentum in Japan, and beyond.

Critical Minerals Japan is held in Tokyo to connect global investors, mining companies, government representatives, investment funds, banks, industry associations, service companies and equipment producers via personalised networking platforms, 1-2-1 meetings and social events.

## SHOW HIGHLIGHTS



400+

ATTENDEES



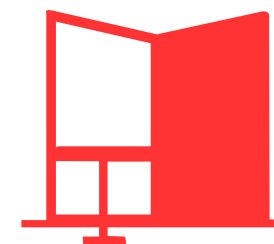
80+

INVESTORS



50+

SPEAKERS



30+

SPONSORS &  
EXHIBITORS



1

EVENT



Confused about  
critical minerals?

## FACTS ON 12 CRITICAL MINERALS IN JAPAN'S OFFICIAL LIST



### 1 Chromium



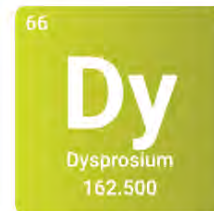
**Main use:** Stainless Steel  
**Other uses:** Automotive Industry, Furnaces  
**Top 3 Global Producers:**  
South Africa - 44%  
Turkey - 15%  
Kazakhstan - 15%

### 2 Cobalt



**Main use:** EV Batteries  
**Other uses:** Battery Storage, Magnets, Electrolyzers  
**Top 3 Global Producers:**  
DRC - 68%  
Indonesia - 5%  
Russia - 5%

### 3 Dysprosium\*



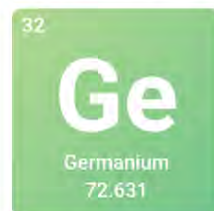
**Main use:** EV Motors, Wind Turbines  
**Other uses:** Nuclear Reactors  
**Top 3 Global Producers:**  
China - 70%  
United States - 14%  
Australia - 6%

### 4 Gallium



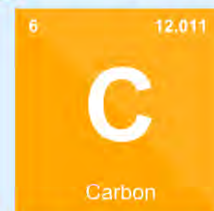
**Main use:** Semiconductors  
**Other uses:** LEDs, Thermometers  
**Top 3 Global Producers:**  
China - 98%  
Russia - 0.8%  
Japan - 0.5%

### 5 Germanium



**Main use:** Electronic and Solar Applications  
**Other uses:** Fibre-Optics  
**Top Global Producers:**  
China - 60%  
Canada, Finland, Russia, USA - Breakdown Unavailable

### 6 Graphite



**Main use:** EV Batteries  
**Other uses:** Battery Storage, Fuel Cells, Nuclear Reactors  
**Top 3 Global Producers:**  
China - 65%  
Mozambique - 13%  
Madagascar - 9%

Confused about  
critical minerals?

## FACTS ON 12 CRITICAL MINERALS IN JAPAN'S OFFICIAL LIST

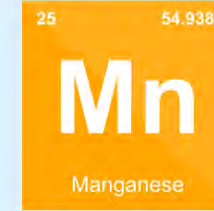


### 7 Lithium



**Main use:** EV Batteries, Battery Storage  
**Other uses:** Nuclear Reactors  
**Top 3 Global Producers:**  
Australia - 55%  
Chile - 26%  
China - 14%

### 8 Manganese



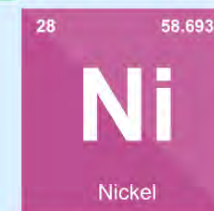
**Main use:** EV Batteries  
**Other uses:** Battery Storage, Geothermal, Electrolyzers, Wind Turbines  
**Top 3 Global Producers:**  
South Africa - 39%  
Gabon - 14%  
China - 14%

### 9 Neodymium\*



**Main use:** EV Motors, Wind Turbines  
**Other uses:** Lasers, Steel Making  
**Top 3 Global Producers:**  
China - 70%  
United States - 14%  
Australia - 6%

### 10 Nickel



**Main use:** Electrolyzers, EV batteries, Fuel Cells  
**Other uses:** Battery Storage  
**Top 3 Global Producers:**  
Indonesia - 37%  
Philippines - 14%  
Russia - 9%

### 11 Uranium



**Main use:** Nuclear Reactors  
**Other uses:** Isotopes for Medical and Defence uses  
**Top 3 Global Producers:**  
Kazakhstan - 43%  
Canada - 15%  
Namibia - 11%

### 12 Vanadium



**Main use:** Iron & Steel  
**Other uses:** Nuclear Reactors, Aerospace, EV Batteries  
**Top 3 Global Producers:**  
China - 68%  
Russia - 20%  
South Africa - 9%



# WHO ATTENDS CRITICAL MINERALS JAPAN CONFERENCE AND EXHIBITION?

MINING COMPANIES

GOVERNMENT &  
REGULATORS

INVESTORS & FINANCIERS

ENERGY & UTILITIES  
COMPANIES

DEFENCE, MARINE &  
SECURITY ENTITIES

AUTOMAKERS

HIGH-TECH, ELECTRONICS  
& OTHERS

MINERAL PROCESSING

BATTERY PRODUCERS,  
RECYCLING & PROCESSING  
COMPANIES

LAWYERS, BROKERS,  
CORPORATE ADVISORS &  
CONSULTANTS

EQUIPMENT SOLUTIONS &  
SERVICES PROFESSIONALS

BANKS &  
INSURANCE PROVIDERS

## WHO ATTENDS THE CONFERENCE?

50 SPEAKERS

150 DELEGATES & VIPS

## WHO ATTENDS THE EXHIBITION?

30 SPONSORS & EXHIBITORS

400 ATTENDEES

## TOP DECISION MAKERS

35%

MINING, ENERGY  
& UTILITIES

35%

INVESTORS &  
FINANCE

10%

AUTOMOTIVE, HIGH-  
TECH & ELECTRONICS

10%

DEFENSE, SECURITY  
& AEROSPACE

5%

BATTERY, RECYCLING  
& PROCESSING

5%

GOVERNMENT

AMERICAS

10%

EUROPE

5%

ASIA (EXC. JP)

10%

JAPAN

55%

AFRICA & MIDDLE EAST

5%

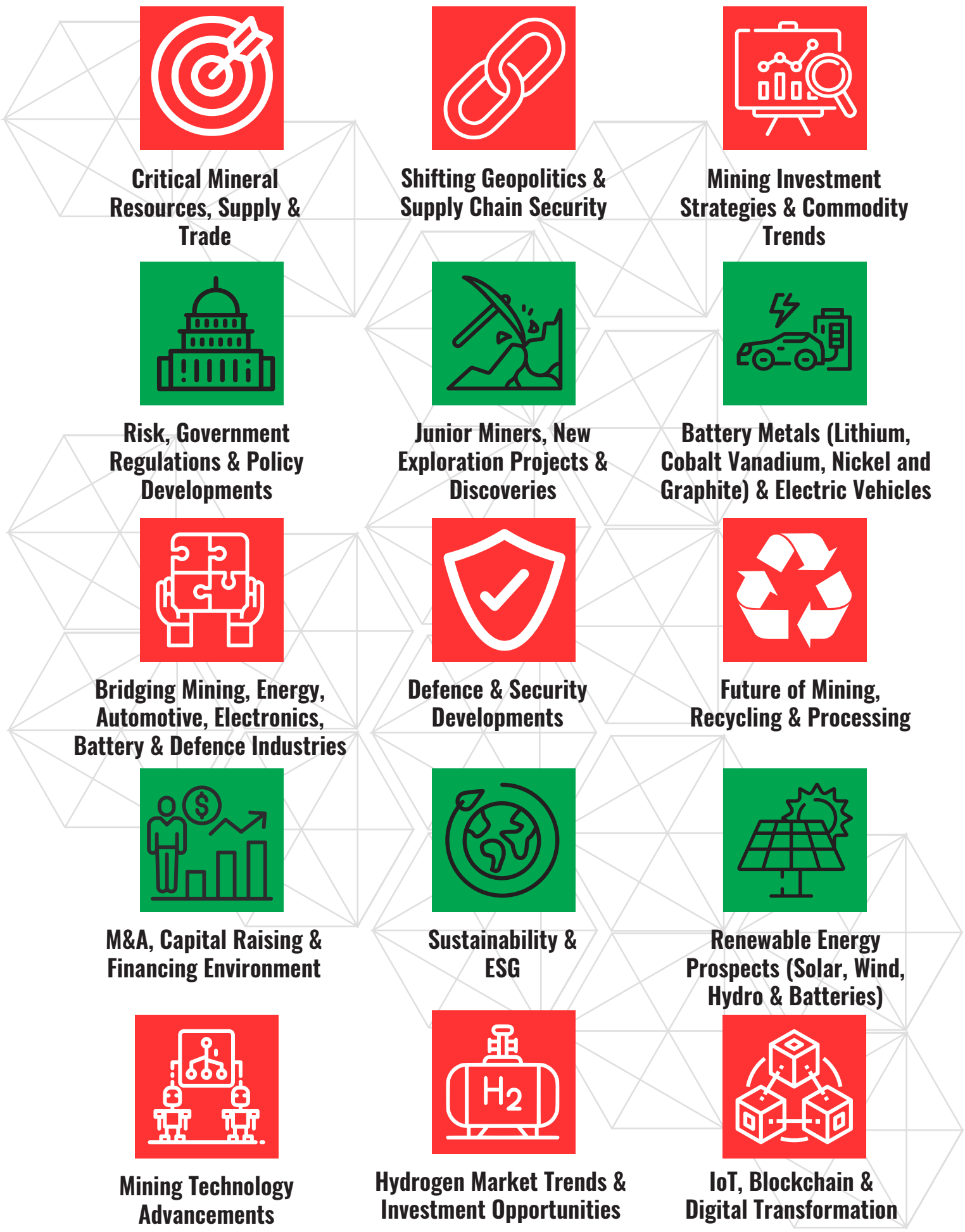
AUSTRALIA

15%

# AGENDA AT GLANCE

# KEY THEMES

WEDNESDAY 17 September 2025		
CRITICAL MINERALS JAPAN		
Government Policies, Market Developments & Industry Strategies		
Mining Finance & Investment Opportunities		
Critical Minerals in Aerospace & Defence - Security Imperatives		
THURSDAY 18 September 2025		
CRITICAL MINERALS JAPAN		
Critical Minerals Security & Supply Chain Sustainability		
Demand in Automotive, Telco, Electronics, Energy & Medical Industries		
Recycling, Processing & Technology Advancements		
WEDNESDAY & THURSDAY 17 - 18 September 2025		
Government and Companies Keynotes & Premium Presentations		
1-2-1 Meetings		
Virtual Sessions		





# 2024 SPEAKERS



**ALLISON BRITT**  
Director, Mineral  
Resources Advice &  
Promotions  
Geoscience Australia



**NOBUO TANAKA**  
CEO  
Tanaka Global, Inc.



**JOSEPH SOPCISAK**  
Technical Director  
Department of Defense



**TAKESHI  
HAKAMADA**  
Founder & CEO  
ispace, Inc.



**H.E. SIBI GEORGE**  
Ambassador of India  
to Japan  
Ambassy of India to  
Japan



**DUANE ROBSON**  
Counsellor for  
Natural Resources  
Embassy of Canada  
to Japan



**RAPHAEL KELLER**  
French  
Minister-counsellor  
for Economic Affairs  
Embassy of France to  
Japan



**DR JOHN COYNE**  
Head of Northern  
Australia Strategic  
Policy Centre  
Australian Strategic  
Policy Institute



**MIKI HARAI**  
Broadcast &  
Conference  
Interpreter  
Calliope Global  
Communication



**CHRISTOPHER  
RICHTER**  
Deputy Head of  
Japan Research  
CLSA Capital  
Partners



**NICOLAS VIERGE**  
Founder & Principal  
Carbon50



**BRAD  
GLOSSERMAN**  
Deputy Director  
Center for Rule  
Making Strategies



**DR BRONWYN  
CAMAC**  
Director, Geological  
Survey of South  
Australia  
Department for  
Energy and Mining,  
SA



**DR CHARLOTTE  
HALL**  
General Manager,  
Investment  
Department of Energy,  
Mines, Industry  
Regulation and Safety,  
WA



**DOROTHY CLOSE**  
Director, Regional  
Geoscience at  
Northern Territory  
Geological Survey  
Department of  
Industry, Tourism  
and Trade, NT



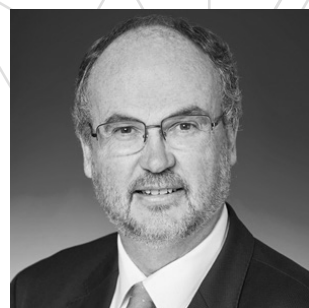
**DR ANDREW  
MCNEILL**  
Chief Government  
Geologist, Mineral  
Resources Tasmania  
Department of State  
Growth, TAS



**DR NANDA KUMAR  
JANARDHANAN**  
Deputy Director &  
South Asia Regional  
Coordinator  
Institute for Global  
Environmental  
Strategies (IGES)



**TOM O'SULLIVAN**  
Founder & Managing  
Director  
Mathyos Global  
Advisory



**HON BILL  
JOHNSTON MLA**  
Former Minister for  
Mines & Petroleum;  
Energy; Hydrogen  
Parliament of Western  
Australia



**DR DAVID JOHN  
HONEY MLA**  
Shadow Minister for  
State Development;  
Water; Hydrogen  
Parliament of Western  
Australia



**LACHY HAYNES**  
Energy Transition  
Partner  
PwC



**ANDREW DEWIT**  
Professor, School  
of Economic Policy  
Studies  
Rikkyo University



**KOICHIRO  
MATSUMOTO**  
Managing Director,  
Research & Programs  
The Japan Institute of  
International Affairs



**JULIAN FORD**  
Chief Technical  
Officer  
Vytas Limited



**YURIY HUMBER**  
President  
Yuri Group

PRIVATE EQUITY

ASSET MANAGEMENT

INVESTMENT BANKS

PRIVATE INVESTORS / HNWIS

FAMILY OFFICES

FUND MANAGEMENT

INVESTMENT MANAGEMENT

RETAIL INVESTORS

SOVEREIGN WEALTH FUNDS

VENTURE CAPITAL

PRIVATE WEALTH MANAGEMENT

HEDGE FUNDS

## Business Matching Made Simple & Convenient

1

Register to confirm your participation

2

Receive a list of attendees to identify the right person you want to schedule your meeting with

3

Confirm your availability & schedule your meeting

4

Attend meetings to connect and discuss project updates and your services face to face



# WHAT TO EXPECT

## STRATEGIC CONFERENCE & DISCUSSIONS



Our industry leaders provide new perspectives, share cutting edge knowledge and insights to understand the rapidly changing industry.

Panel discussions, keynote & premium presentations or fire side chats present a perfect platform for more intellectual discourse. Moreover, conversations with other like-minded individuals provides a great opportunity to exchange viewpoints and foster new business contacts.

## EXHIBITION FLOOR



At Mining & Critical Minerals, the exhibition floor provides attendees the perfect opportunity to explore the latest mining projects and new discoveries and experience the latest technological gadgets and applications in person.

Speak to mining companies CEOs and discuss the feasibility of the projects and financing options. At the same time witness how latest innovations can be applied to enhance various processes in the mining sector, in ways never even previously thought possible.

## NETWORKING MEALS & EVENING DRINKS RECEPTION



Food and drinks always make excellent conversation starters. Hence Mining & Critical Minerals Conferences and Exhibitions devotes substantial time to create the perfect environment for relaxed, casual networking meals and drinks.

With no set time limit on how long each meeting should last, attendees can freely mingle and discover new opportunities and contacts. The team is also on site to match make attendees based on their common business profiles or objectives.

## 1-2-1 MEETINGS



Undivided one to one attention is a tried and tested networking method. They can be a great platform to have confidential, direct and targeted conversations. Critical Minerals & Energy Investment Conferences, with the help of the virtual business matching tool or on site staff introductions, facilitate such networking opportunities.



# WHO SHOULD SPONSOR OR EXHIBIT

**THIS IS YOUR ONE-STOP PLACE FOR PROJECT & PRODUCT DEMONSTRATIONS AND NETWORKING**



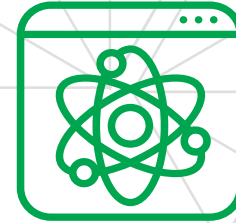
**Governments &  
Investment  
Promotion Boards**



**Developers,  
Explorers & Juniors**



**Mid-Tier & Major  
Mining Companies**



**Technology  
Developers**



**Critical Raw Materials  
& Commodity Traders**



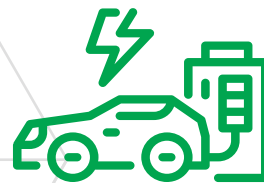
**Defense & Security  
Companies**



**Energy & Utility  
Companies**



**Banks, Financial  
Services & Legal  
Firms**



**Battery &  
Electric Vehicles**



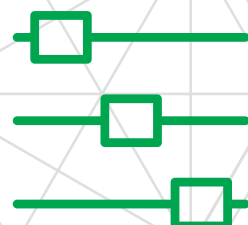
**Mining & Energy  
Engineering  
Consultants**



**Digital Transformation,  
AI, Data & Networks**



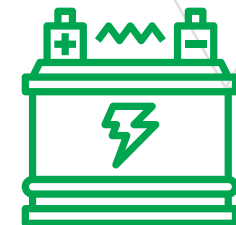
**Recycling &  
Processing  
Companies**



**Smart Mining, Energy  
Management, Safety  
& Investment**



**Sustainability &  
Resource Management  
Optimization**



**Energy Storage  
Solution Providers**



**Other Mining & Metals  
Solutions Providers**

# EXHIBITION PACKAGES

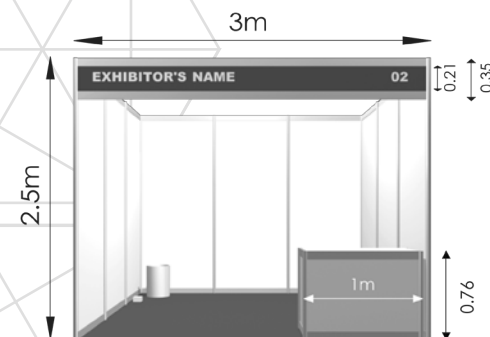
## SHELL SCHEME | USD 680/M<sup>2</sup>

Shell scheme stands are sold per square metre, and provides you with a 'fitted booth' of 6m<sup>2</sup>, 12m<sup>2</sup> or 18m<sup>2</sup> (max).

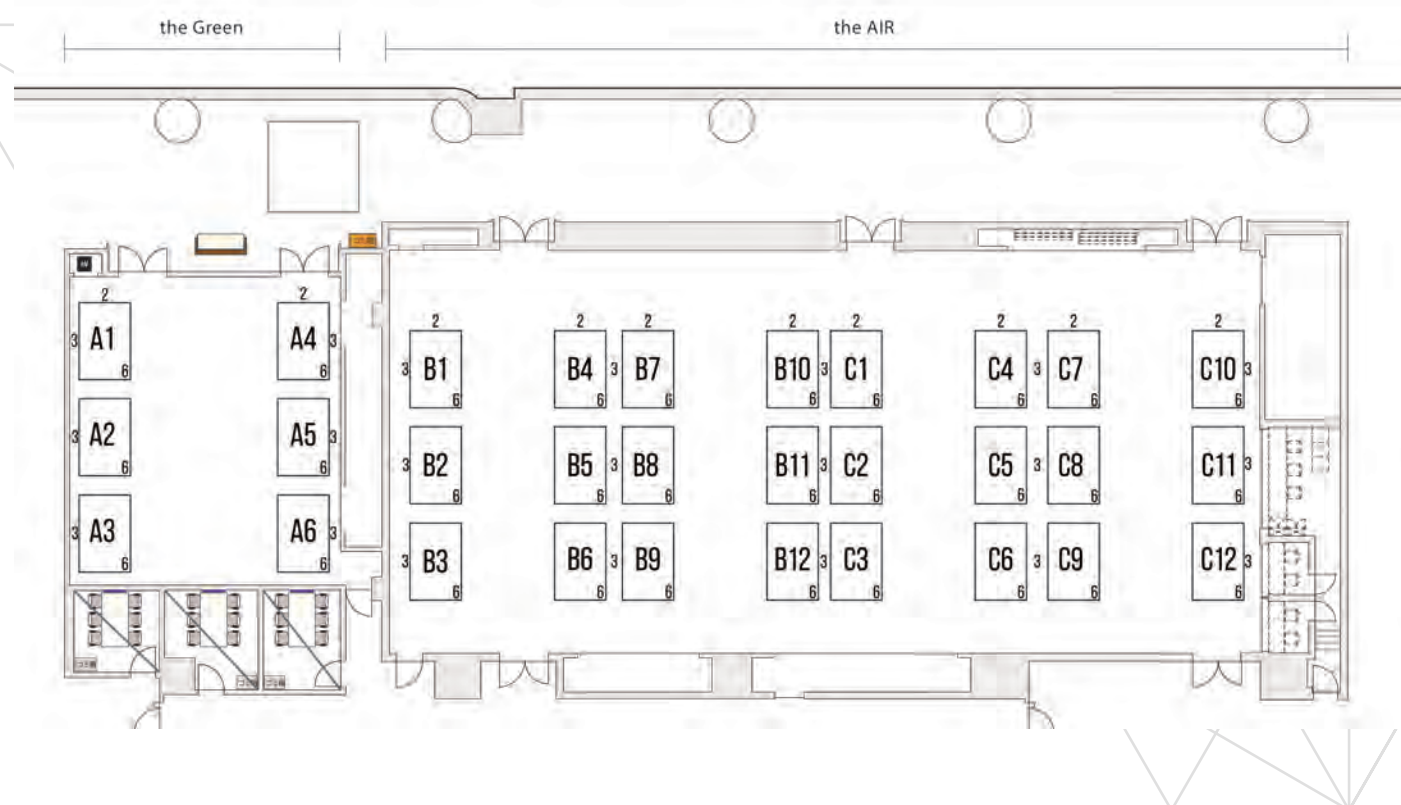
### INCLUDES

- 1 Information counter
- 2 Folding chairs
- Carpet
- Electricity plug points
- Fascia board with your company or product name
- Spotlights
- Walling up to 3 sides
- Logo & description on website
- Logo & description in event guide

All other items are the responsibility of the exhibitor, and can be ordered via the forms made available in this manual.



## FLOOR PLAN



# MARKETING OPPORTUNITIES

## PREMIUM SPONSORSHIP

This option is for companies wanting to lead the market, demonstrate their expertise and increase market presence. Sponsorship packages are tailored to meet your specific business goals, and typically include speaking slots, panel discussion roles, a prominent stand and various marketing benefits.

## GET CREATIVE WITH BESPOKE PACKAGES

Explore the benefits of our bespoke offerings to support your marketing efforts and grow your brand in front of Japan mining, defense, security, automotive & high-tech leaders.

## EXHIBITION STAND

There are 30 exclusive stands available on the show floor with variety of sizes available. Ideal for companies wishing to generate leads and network. The earlier you reserve the better the position you'll secure.

## 10 Reasons why you should get involved

- 1 Critical Minerals Japan is your chance to align your brand with forward thinking mining & energy executives, governments, entrepreneurs, investors & innovators
- 2 Brand your company & enhance your visibility in front of 400 industry professionals
- 3 Japan's largest international platform solely dedicated to critical minerals ecosystem
- 4 Launch new projects, services, products & initiatives
- 5 Get brand prominence as an industry leader in Japan and benefit from growing investments in critical minerals & high-tech industries
- 6 Establish your presence & open doors to new markets before your competitors
- 7 Meet, engage and do business with business professionals across Japan
- 8 Generate new leads and meet investors & decision makers
- 9 Showcase your thought leadership with panel discussions & presentations
- 10 Benefit from our exclusive networking activities: 1-2-1 business meeting platform, lunches and evening cocktail receptions

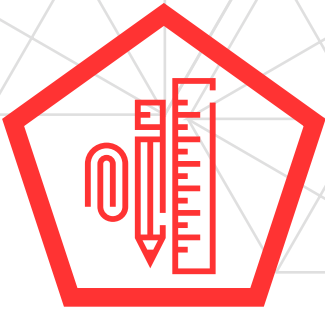


# SPONSORSHIP PACKAGES

PACKAGE / BENEFITS	TITLE	PLATINUM	GOLD	SILVER	BRONZE	EXHIBITOR
Content & Industry Thought Leadership						
Keynote Presentation	1	1				
Premium Presentation (20 minutes)	1		1			
Panel Discussion	2	1	1		1	
Presentation (15 minutes)				1		
Exhibition & Business Development Benefits						
Exhibition Stand	18m²	18m²	12m²	6m²		6m²
Conference Passes	15	10	6	4	2	2
Exhibitor Staff Passes	6	4	2	2	1	1
Facilitated Meetings	15	10	5	3		
Access to Networking Functions	✓	✓	✓	✓	✓	✓
Branding, Marketing & Profiling Benefits						
Social Media Sponsor Announcement	1	1	1	1	1	
Logo & Profile Listing - Website	✓	✓	✓	✓	✓	✓
Logo & Profile Listing - Show Guide	350 words	250 words	150 words	100 words	50 words	50 words
Advertisement - Show Guide	2 pages	1 page	1/2 page	1/4 page		
Advertisement - Brochure	2 pages	1 page	1/2 page			
Featured Sponsor - Newsletter	1	1	1			
Social Media Posts - All Content to be Provided by Sponsor	3	2	2	1	1	
Pre, On-site & Post Event Opportunities						
Inserts in the Delegate Packs	✓	✓	✓			
Logo - Conference Room Backdrop	✓	✓	✓	✓	✓	
Video Advert - Conference Room	1	1				
Post Event Report	✓	✓	✓	✓	✓	✓

# BESPOKE OFFERINGS

Aside from the above, below are a selection of additional branding and profiling opportunities that are available to either add onto one of the above sponsorship options or can be created as a bespoke package that best suits your needs.



STATIONERY & BAG SPONSOR



LANYARD & BADGE SPONSOR



WATER BOTTLE SPONSOR



COFFEE BREAK SPONSOR



SESSION SPONSOR



WIFI SPONSOR



MEETING ROOM SPONSOR



LUNCH SPONSOR



EVENING DRINKS SPONSOR

Our marketing campaign starts early and is a fully integrated digital campaign using a variety of channels:



Email Campaign



Print & Web



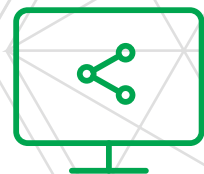
Partners



Social Media



Sales Team



TV & Radio



## Energy Transition, Critical Minerals & Mining Investment Summits

Where Miners, Energy Companies, Investors and Service Providers Converge  
Mining · Singapore, Singapore · 2K followers · 11-50 employees



Energy Transition, Critical Minerals & Mining



## Energy Transition, Mining & Critical Minerals Investment Summits

3.1K followers · 22 following



Energy Transition, Mining, CM Summits



## Energy Transition, Critical Minerals & Mining

@EnergyMiningCM

Energy Transition, Critical Minerals & Mining Investment Summits are global forums for miners, energy companies, investors & service providers.

📍 Singapore 🌐 spire-events.com 📅 Joined June 2015



@EnergyMiningCM



## Energy Transition, Critical Minerals & Mining Investment Summits

@EnergyMiningCMSummits · 344 subscribers · 156 videos

Energy Transition, Critical Minerals & Mining Investment Summits are Global Conferences ...



Energy Transition, Critical Minerals & Mining

# CRITICAL MINERALS JAPAN DEFENCE INVESTMENT SECURITY CONFERENCE & EXHIBITION

## SPEAKING, SPONSORSHIP & EXHIBITION OPPORTUNITIES



Daniel Radz  
daniel.radz@spire-events.com  
Tel: +65 96491062

## PRESS, MEDIA & PR OPPORTUNITIES



Ng Chin Chye  
chinchye.ng@spire-events.com  
Tel: +65 91276642

## EVENT REGISTRATION



enquiry@spire-events.com



## CRITICAL MINERALS ASSOCIATION

Your Global Mining Authority

**Critical Minerals Association** is the global voice for critical minerals industry committed to advancing critical resources in the global energy market's transition to a low-carbon economy and sustainable economic development.

[www.criticalmineralsassociation.com](http://www.criticalmineralsassociation.com)

### GOLD SPONSOR

AUSTRALIA  
MINERALS

### SILVER SPONSOR

A S P I  
AUSTRALIAN  
STRATEGIC  
POLICY  
INSTITUTE

### BRONZE SPONSOR

VYTAS

### SUPPORTING ASSOCIATION & MEDIA PARTNERS

CRITICAL  
MINERALS  
ASSOCIATION  
Your Global Mining Authority

APMA  
AUSTRALIAN  
POLYMER  
MANUFACTURERS  
ASSOCIATION

GREEN  
REVIEW

JAPAN NRG

MEDIA  
NIKEL  
INDONESIA

MINING

MINING  
.COM.AU

RESOURCES  
REVIEW

RESOURCEWORLD  
magazine

Worldoils

FIND OUT WHY AUSTRALIA IS THE PREFERRED  
INVESTMENT DESTINATION FOR MINERAL  
EXPLORATION, DEVELOPMENT AND SUPPLY.

Meet us at the conference, hear our presentations and visit our display.

Don't miss your chance to learn how Australia's world-leading minerals sector is the key global partner for Japan.

AUSTRALIA  
MINERALS

[australiaminerals.gov.au](http://australiaminerals.gov.au)



# WHAT YOU NEED TO KNOW ABOUT RARE EARTH ELEMENTS (REES)



## What are Rare Earth Elements (REEs)?

They provide significant value to a nation's national security, energy independence, environmental future, and economic growth. Critical REEs are those deemed as supply risk and crucial towards clean energy technologies.

## How many REEs are there?

There are 17 REEs as found in the periodic table.

21 <b>Sc</b> Scandium 44.956	39 <b>Y</b> Yttrium 88.906	57 <b>La</b> Lanthanum 138.905	58 <b>Ce</b> Cerium 140.116	59 <b>Pr</b> Praseodymium 140.908	60 <b>Nd</b> Neodymium 144.243	61 <b>Pm</b> Promethium 145
65 <b>Tb</b> Terbium 158.925	66 <b>Dy</b> Dysprosium 162.500	67 <b>Ho</b> Holmium 164.930	68 <b>Er</b> Erbium 167.259	69 <b>Tm</b> Thulium 168.934	70 <b>Yb</b> Ytterbium 173.055	71 <b>Lu</b> Lutetium 174.967

## Key Usages



1

### DEFENCE

Satellite Communications  
Aircraft Structures



3

### CERAMICS

Capacitors  
Refractories



2

### METAL ALLOYS

NiMH Batteries  
Fuel Cells



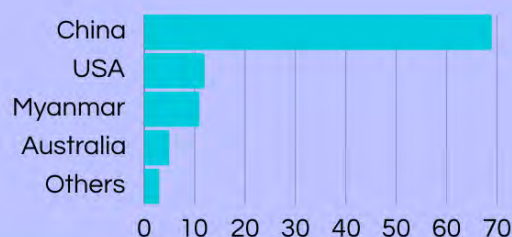
4

### CATALYSTS

Petroleum Refining  
Fuel Additives

## Major Global Producers

China remains the world's top producer of rare earth elements, accounting for 69% of global production in 2023. USA is the second largest producer with 12% and Myanmar third with 11%.



### Sources:

<https://netl.doe.gov/sites/default/files/2019-05/REE-Success-Infographic.pdf>  
<https://pubs.usgs.gov/periodicals/mcs2024/mcs2024-rare-earths.pdf>

Accurate as of January 2024