

CRITICAL MINERALS JAPAN

Day One – 9 September 2026

0900	Registration
Japan's Mineral Strategy - Safeguarding Industry and Economic Independence	
0925	Organiser's Welcome Remarks Ng Chin Chye, Director, Spire Events
0930	Opening Panel Discussion: Global Partnerships & Advanced Technologies - Securing Critical Minerals for Japan's Industrial, Economic, and National Security <i>Building sustainable supply chains through domestic and overseas investments, while leveraging advanced technologies and AI to decarbonise mining, enhance traceability, and secure critical minerals (rare earths, lithium, cobalt) essential for EVs, electronics, and defence</i> Yuriy Humber , President, Yuri Group , Japan (Session Chair) Yoshiaki Otsuki , Special Counsel, Anderson Mori & Tomotsune , Japan Bryan Bille , Policy & Geopolitical Principal, Benchmark Mineral Intelligence , United Kingdom Andrew DeWit , Professor, School of Economic Policy Studies, Rikkyo University , Japan James Yellowlees , President, Pacifica GK , Japan
1030	Refreshments Break
Commodities, Critical Minerals, Global Energy Transition & Technology	
1100	Presentation: Making the Case for Silver as Japan's Next Critical Mineral Priority - Miner's Perspective Christian Aramayo COO & Co-founder Kuya Silver Corp , Canada
1130	Premium Presentation: Unique Approaches to Helping Japan to Access Rare Earths and Minerals James Yellowlees President Pacifica GK , Japan
1200	Premium Presentation: Japan's New Strategic Vulnerability - Critical Minerals and the Future of Storage, Semiconductors, and Data Centers Magdalena Osumi Japan Correspondent New Project Media , Japan
1230	Presentation: Japan's Mining Law and Critical Minerals Development - A Practical Guide for Foreign Investors An overview of Japan's Mining Act and the legal framework governing mineral exploration and development

	• Key legal and regulatory considerations for foreign mining companies and investors, including licensing, project development, and recent developments relating to critical minerals • Practical observations from advising international clients on mining and critical minerals projects in Japan Yoshiaki Otsuki Special Counsel Anderson Mori & Tomotsune, Japan
1300	Lunch & Networking Break
Commodities, Technology & Innovation Showcase	
1400	Premium Presentation: The Copper Squeeze: How the 4Ds — Decarbonisation, Digitalisation, Development and Defence — Are Reshaping Investment, Supply Security and Geopolitics Andrew DeWit Professor, School of Economic Policy Studies Rikkyo University, Japan
1430	Presentation: Trends in Mining Development Using ISR (In-Situ Recovery) Technology Rikito Gresswell Principal Consultant ERM Japan, Japan
1500	Presentation: Mines to Power - Unlocking Natural and Renewable Graphite Frontier Technology for Opportunities in Diversified Energy Markets Prof Mohini Sain Director, Centre for Biocomposites & Biomaterials Processing Ford Motor PERDC Canada Chair in Sustainable Materials University of Toronto, Canada
1530	Refreshments Break
Supply Chain, Financing, Innovation, Sustainability & Future of Mining	
1550	Panel Discussion: Strategic Sourcing & Sustainable Supply Chains Across Manufacturing, Defence, Automotive & High-Tech Industries Andrew DeWit, Professor, School of Economic Policy Studies, Rikkyo University, Japan (Session Chair) Magdalena Osumi, Japan Correspondent, New Project Media, Japan Andrea Valentini, VP, Business Development, Argus, Japan Sergey Frolov, CEO, H2Valley, Turkey
1650	Closing Remarks
1700 - 1800	Networking Drinks

Day Two – 10 September 2026

0905	Welcome from the Organiser Ng Chin Chye , Director, Spire Events
Critical Minerals, Strategic Commodities & New Energy Sources	
0910	Premium Presentation: Commercialising Japan's Rare Earths - Risks, Realities & Strategic Pathways Yuriy Humber President Yuri Group , Japan
0940	Premium Presentation: New Nickel and Cobalt Developments in Indonesia Andrea Valentini VP, Business Development Argus , Japan
1010	Premium Presentation: Critical Minerals, Technology & Security - A New Era of EU-Japan Economic Partnership Maletta Gabriele Research Assistant Institute of Geoeconomics (IOG) , Japan
1040	Refreshments Break
Hydrogen, Recycling, Processing & Technology Advancements	
1110	Premium Presentation: Natural Hydrogen for Critical Minerals - Building Low-Carbon Mining and Processing Hubs <i>Natural hydrogen is emerging as a low-cost, low-carbon energy source that can be directly extracted from geological systems. Its availability could significantly benefit remote mining and critical-mineral projects by enabling decentralised power generation, supporting mining equipment, mineral processing, and hydrogen-based metallurgy—ultimately improving project economics and reducing carbon footprints. The presentation will also explore a second strategic dimension for Japan: helium. Often co-produced with natural hydrogen, helium is essential for semiconductor manufacturing, advanced technologies, healthcare, and aerospace, making its potential domestic availability highly relevant for Japan's industrial security.</i> Sergey Frolov CEO H2Valley , Turkey
1130	Panel Discussion: Advancing Critical Minerals Recycling & Processing Requirements, Challenges, and Emerging Technologies • Efficient & Clean Solutions: Pathways to sustainable recycling and processing • Japan's Green Mineral Prospects: Securing supply for a low-carbon future • Innovative Value Chains: Building resilient systems for critical raw materials • Technology Transformation: How innovation is reshaping recycling today • Industry Partnerships: Collaboration as the backbone of the circular economy • Lithium-Ion Batteries: The pivotal role of minerals in battery production Rikito Gresswell , Principal Consultant, ERM Japan , Japan (Session Chair) Maletta Gabriele , Research Assistant, Institute of Geoeconomics (IOG) , Japan Prof Mohini Sain , Director, Centre for Biocomposites & Biomaterials Processing , Canada

	James Yellowlees , President, Pacifica GK , Japan Dr Nanda Kumar Janardhanan , Deputy Director & South Asia Regional Coordinator, Institute for Global Environmental Strategies (IGES) , Japan
1225	Lunch & Networking Break
1300	Closing Remarks & End of Conference