



AKCF ASEAN-KOREA
COOPERATION
FUND 한-아세안 협력기금



KIET
Korea Institute for Industrial
Economics & Trade



THE SUSTAINABILITY OF CRITICAL MINERALS DEVELOPMENT

DATE | 23-25 JUNE 2026

VENUE | FRAZERPLACE CENTRAL HOTEL, SEODAEMUNROOM
SEOUL, KOREA

Industrial Workshop: The Sustainability of Critical Minerals Development

Day 1 (23 June)

Opening Session

Time	Activity	Speakers
09:20–09:30	Registration	
09:30–09:50	Opening Remarks Congratulatory Remarks	Dr. Doohee Lee (Vice President of KIET) Mr. Yongzheng Ma (Director of CCOP)
09:50–10:00	Group Photo	
10:00–10:30	The Role of Responsible Business Conduct in Diversifying Critical Mineral Sourcing and Investment	Mr. Benjamin Katz OECD Centre of RBC
10:30–11:00	Making Critical Minerals Bankable: Policy Tools to Unlock Investment	Dr. Anis Nassar WEF
11:00–11:30	Technology Driven Opportunities and Risks to Sustainable Development of Critical Minerals in ASEAN nations	Dr. Fabian Vilalobos RAND
11:30–12:00	Discussion	Dr. Young Joo Lee Principal Researcher, KIGAM
12:00–13:30	Lunch	

Session 1: Cooperation for Critical Minerals Development

13:30–14:00	From Critical Minerals to Industrial Competitiveness: A New Development Pathway	Mr. Jeonghoon Choi Senior Consultant, Korea EXIMBANK
14:00–14:30	US Critical Mineral Policy and Cooperation Strategies with ASEAN Countries	Dr. Juheon Seok Research Fellow, KEEI
14:30–15:00	Advancing ASEAN-KIGAM Collaboration through the Critical Mineral Exploration Data Platform	Dr. Gyesoon Park Principal Researcher, KIGAM
15:00–15:20	Discussion and Q&A	Dr. Songyang Wu, CCOP
15:20–15:40	Coffee Break	

Session 2: Sustainability of Critical Minerals

15:40–16:10	Stable Green Power Generation Cooperation for Critical Minerals Development	Dr. Dongsoo Kim Senior Research Fellow, KIET
16:10–16:40	Building Industry-Academia-Research Collaborative Ecosystems for Sustainable Critical Minerals	Dr. Junghyun Yoon Senior Research Specialist, KIET
16:40–17:10	Transport and Logistics Infrastructure for Critical Mineral Supply Chain Resilience	Dr. Byungyul Park Associate Research Fellow
17:10–17:30	Discussion and Q&A	Dr. Tola Sreu, CCOP
18:00–19:30	Welcome Dinner	

Day 2 (24 June)

Country Report Session

Time	Activity	Speakers
09:40–12:20	Country Reports 1 (40 min ×4 countries including Q&A)	AMS delegation (Cambodia, Indonesia, Lao PDR, Malaysia)
12:30–14:00	Lunch	
14:00–16:40	Country Reports 2 (40 min × 4 countries including Q&A)	AMS delegation (Myanmar, Philippine, Thailand, Viet Nam)
16:40–16:45	Closing Remarks	Dr. Dongsoo Kim Senior Research Fellow, KIET
18:00–19:30	Dinner	

Day 3 (25 June)

Field Trip

Time	Activity	Remarks
10:30–11:30	Field Trip to POSCO Future M	Sejong, Korea (Departing at 8:30)
12:00–13:30	Lunch	
13:30–14:30	Field Trip to KIET	Sejong, Korea (Arriving at 17:00)

Key Participants



Dr. DOOHEE LEE
*Vice President
KIET*



Mr. YONGZHENG MA
*Director
CCOP*

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Mr. BENJAMIN KATZ
Leader, the OECD Centre for Responsible Business Conduct

He leads the work on mineral supply chains at the OECD’s Centre for Responsible Business Conduct (RBC). The programme conducts research and policy outreach to support uptake of minerals due diligence in line with OECD standards through market expectations and policy measures. The influence of RBC on supply chain resilience is an increasing focus of the OECD’s work. Ben previously worked on minerals due diligence and formalizing small-scale mining in fragile settings..



Dr. ANIS NASSAR
Head, WEF

He is Head of Critical Minerals at the World Economic Forum, where he serves on the leadership team for the Center for Energy and Materials. PhD in Economics by training, he leverages 15 years of experience across international organizations, private sector, and board advisory. His work focuses on driving global initiatives for resource security, resilience, and mineral sustainability.



Dr. FABIAN VILLALOBOS
Senior Engineer, RAND

He is a senior engineer at RAND and a Professor of Policy Analysis at the RAND School of Public Policy. He has a specific interest in the impact of electrification and critical minerals on military technology, energy security, development, trade, climate, and international relations. Recent work includes the mineral-technology supply chains, protracted industrial capacity, the auto sector.



Dr. YOUNG JOO LEE
Principal Researcher, KIGAM

His main research areas include marine geology, petroleum geology, and international cooperation in geoscience. He has led major projects such as the AKCF Critical Mineral Project and Korea Integrated Ocean Drilling Project (IODP) and has extensive experience in global scientific collaboration. He served as Executive Director in various divisions of the Korea Institute of Geoscience and Mineral Resources (KIGAM). he was the Director of the CCOP Technical Secretariat (2019-2025), Vice Chairman of the UN Expert Group on Resource Management (EGRM), and leader of the DDE Southeast Asia working group. He holds BS, MS, and PhD degrees in Geology from Korea.

Key Participants

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Mr. JEONGHOON CHOI *Senior Consultant, Korea EXIMBANK*

He is a senior official at the Export-Import Bank of Korea (KEXIM), where he has spent over 30 years mainly in international development cooperation. He has served extensively in the Economic Development Cooperation Fund (EDCF) headquarters, supporting ODA policy planning and midterm pipeline development for Korea's concessional financing programs. From 2011 to 2014, he worked at the OECD Development Assistance Committee (DAC) in Paris, actively engaging in key international development cooperation agendas. He has also accumulated broad experience in corporate financing.



Dr. JUHEON SEOK *Research Fellow, KEEI*

She has been working at the Korea Energy Economics Institute since 2014, conducting research on critical minerals supply chains. Her primary research areas include critical mineral recycling and strategic stockpiling policies. Recently, She has expanded her research scope to rare earth elements and related policy issues in global supply chains.



Dr. GYESOON PARK *Principal Researcher, KIGAM*

He is Director of the GEO-Resources Convergence Knowledge Division at the Korea Institute of Geoscience and Mineral Resources (KIGAM), where he leads research on building a database of complex geoscience data and laying the groundwork for AI applications in geoscience. As former Head of KIGAM's Mineral Exploration and Mining Research Center, he brings extensive experience in domestic and overseas exploration projects, and is now developing 3D-platform-based critical mineral exploration technologies to improve the accuracy and efficiency of resource evaluation. He holds a Ph.D., M.Sc., and B.A. in Geophysics from Seoul National University.



Dr. SONGYANG WU *Regional Expert, CCOP*

He is currently a Regional Expert at the Technical Secretariat of the CCOP, based in Bangkok, Thailand, since 2022. Prior to this, he served as a Senior Geologist at the China Geological Survey (CGS) from 2019 where he in charge of multiple national projects on mineral exploration in Southwestern China and Southeast Asia. Dr. Wu holds a Ph.D. in Economic Geology from the China University of Geosciences, Beijing, and conducted research as a visiting scholar at the University of Nevada, Las Vegas. His expertise spans economic geology, mineral exploration, regional cooperation.

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Dr. DONGSOO KIM *Senior Research Fellow, KIET*

He is the CCOP-KIET project manager, which focused on the supply chain cooperation in critical minerals between ASEAN and manufacturing powerhouse countries like Korea and Japan. In KIET, Dr. Kim started his career at the National Balanced Research Center and he was the director of Research Planning and Coordination Division, the director of Beijing Office. At this moment he focuses on Chinese Industry and critical minerals. His main research areas are industrial policy, regional policy, and development cooperation and has been expanded on Chinese economy. He holds his Ph.D. in Economics from George Washington University, specializing in urban and regional economics.



Dr. JUNGHYUN YOON *Senior Research Specialist, KIET*

As a Senior Research Specialist at the Korea Institute for Industrial Economics and Trade (KIET), he has focused on developing public and private sector strategies to enhance national productivity and competitiveness, particularly in developing countries. More recently, his research has centered on industrial policy, ASEAN economic cooperation, and non-tariff measures (NTMs), with a particular emphasis on sustainable development, regional industrial cooperation, and trade connectivity across developing economies.



Dr. BYUNGYUL PARK *Associate Research Fellow, KIET*

His research focuses on policy analysis, trade strategy development, and industrial competitiveness, contributing to a deeper understanding of global economic dynamics and Korea's strategic positioning. He also examines industrial and economic cooperation with India and Southeast Asian countries, with particular attention to their industrial landscape, trade relations, and opportunities for regional integration and mutual growth. He holds his Ph.D. in Economics from North Carolina State University, specializing in international trade, applied microeconomics, and agricultural economics.



Dr. TOLA SREU *AKCF Project Coordinator, CCOP*

He is the Project Coordinator for the AKCF project on Critical Minerals Management and Strategy for Sustainable Environment in ASEAN at the CCOP Technical Secretariat, based in Bangkok, Thailand. He also serves as the President of the Cambodia National Group of the International Association for Engineering Geology and the Environment (IAEG). He holds a Master's degree and a Ph.D. from Japan. His interests include critical minerals, geoscience, petroleum, energy resources, sustainable resource development, and regional cooperation.



**ASEAN-KOREA
COOPERATION
FUND** 한 - 아세안 협력기금

The ASEAN-Korea Cooperation Fund (AKCF) serves as an important mechanism for fostering regional cooperation between ASEAN and Korea. Established in 1990 with the launch of the ASEAN-Korea Special Cooperation Fund (SCF), the fund has evolved to align with the priorities of ASEAN and Korea, playing a crucial role in building a resilient and prosperous ASEAN-Korea partnership. The SCF was consolidated with the ASEAN-Korea Future-Oriented Cooperation Fund (FOCF) into the AKCF in 2015.

In 2024, the annual contribution from the Korean Government to the AKCF amounted to USD 28 million, a 40 per cent increase from the USD 20 million in 2023. Korea has continued to increase its annual contribution by a substantial amount over the past decade, reflecting its commitment to further strengthening ASEAN-Korea relations and contributing to the ASEAN Community building process.

The AKCF aims to advance sustainable and inclusive development across ASEAN, enhance people-to-people connectivity through education, cultural exchange and tourism, strengthen economic resilience and digital transformation in ASEAN Member States, and address climate change, environmental sustainability, as well as regional and cyber security challenges.

To achieve these objectives, the AKCF fosters long-term partnerships and facilitates knowledge-sharing between ASEAN and Korea, ensuring that its initiatives have a meaningful and lasting impact. Following the Framework for the ASEAN-ROK Cooperation Fund 2021-2025, the AKCF has focused on five strategic priority areas, each addressing global and regional challenges and opportunities, namely:

- Public Health
- Education and Training
- Culture and Tourism
- Economic Resilience
- Environment, Safety, and Peace



**The Coordinating
Committee for
Geoscience
Programmes in
East and
Southeast Asia
(CCOP)**

CCOP is established in 1966 and headquartered in Bangkok, is an intergovernmental organization that promotes regional cooperation in geoscience by strengthening member countries' capacities in sustainable development, resource management, environmental protection, and disaster risk reduction, serving as a platform for knowledge and expertise sharing among its members and cooperating countries.

Member Countries:

CCOP currently has a total of 16 Member Countries (MCs):

Brunei Darussalam, Cambodia, China, Indonesia, Japan, the Republic of Korea, Lao PDR, Malaysia, Mongolia, Myanmar, Papua New Guinea, the Philippines, Singapore, Thailand, Timor-Leste and Vietnam.

Cooperating Countries:

CCOP also works closely with 14 Cooperating Countries (CCs):

Australia, Belgium, Canada, Denmark, Finland, France, Germany, the Netherlands, Norway, Poland, Russian Federation, Sweden, the United Kingdom and the United States of America.

Cooperating Organizations:

There are 19 Cooperating Organizations (COs) throughout the world: ASCOPE, CIFEG, CPC, EUROGEOSURVEYS, GETECH, HANYANG UNIVERSITY, IERI, IGCP, IGC, IOMAC, IUGS, JICA, PETRAD, SPC, UNESCAP, UNDP, UNESCO, UKM, THE WORLD BANK and YES NETWORK.



**The Association
of Southeast
Asian Nations
(ASEAN)**

ASEAN is established in 1967 and headquartered in Jakarta, Indonesia, is a regional intergovernmental organization that promotes political, economic, and socio-cultural cooperation and integration among its eleven member states—Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, the Philippines, Singapore, Thailand, Timor-Leste, and Viet Nam. Its mission is to foster regional peace, stability, and prosperity by advancing economic growth, narrowing development gaps, strengthening resilience, and enhancing collaboration in areas such as trade, investment, connectivity, sustainable development, and disaster management. Serving as a key platform for dialogue and cooperation, ASEAN also engages with external partners including major economies and international organizations, positioning itself at the center of regional and global diplomacy.

**The Korea Institute
for Industrial Economics and Trade (KIET)**

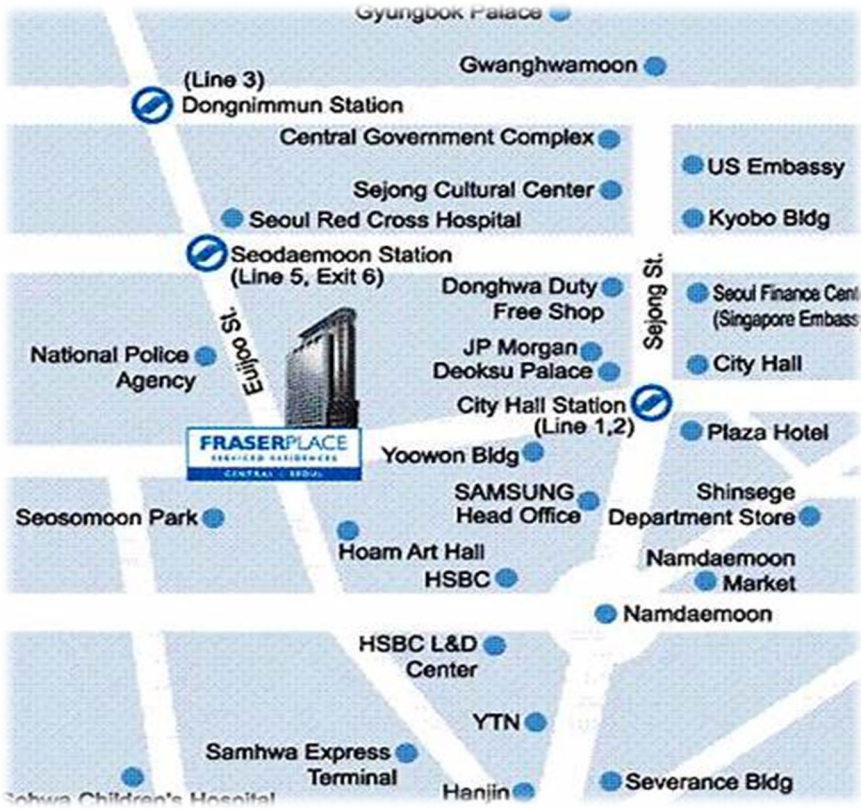


KIET is a leading government-funded research institute in the Republic of Korea. Established in 1976, KIET is dedicated to conducting in-depth research and policy analysis on industrial development, trade, and technology innovation. KIET collaborates extensively with government agencies, international organizations, academia, and industry experts to promote industrial advancement and global engagement. Through publications, seminars, and consulting, KIET contributes to informed policymaking and the enhancement of Korea's global industrial competitiveness.

LOCATION

Hotel : Fraser Place Central (Seoul, Korea)
78, Tongil-ro, Jung-gu, Seoul

Airport Limousine Bus	Incheon Airport Limousine Bus: Take No. 6005 and Get off at Fraser Place (approximately 1 hour and 20 minutes)
Rail / Subway	- City Hall Station, Exit 10 (Subway Line 1, Line 2) – 7 minutes on foot - Seodaemun Station, Exit 6 (Subway Line 5) – 7 minutes on foot - Seoul Station (Subway Line 1, Line 4, KTX, AREX [Airport Railroad]) – 5 minutes by taxi



CONTACT INFORMATION

- KIET (in Sejong):
- (General Info) Kim, Kiho ☎+82.44.287.3851, +82.10.7914.7887, e-mail: kiho@kiet.re.kr



This event is part of 'Critical Minerals Management and Strategy for Sustainable Environment in ASEAN project' supported by the Government of the Republic of Korea through the ASEAN-Korea Cooperation Fund (AKCF). The event is organised by CCOP and KIET.