

ADB CAREC CSPPF-KDI GKEDC Korea Outreach and Business Engagement Seminar

ADB-KDI GKEDC 중앙아시아 CSPPF 아웃리치 세미나



Date July 9, 2026 (Thurs), 09:00-17:00



Venue Rose of Sharon Hall, GKEDC, Seoul, Korea



Format Hybrid format



ADB CAREC CSPPF-KDI GKEDC

Korea Outreach and Business Engagement Seminar

ADB-KDI GKEDC 중앙아시아 CSPPF 아웃리치 세미나

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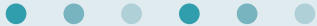
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ADB CAREC CSPPF-KDI GKEDC

Korea Outreach and Business Engagement Seminar

ADB-KDI GKEDC 중앙아시아 CSPPF 아웃리치 세미나





Program at a Glance

01

Program at a Glance



Background

The Central Asia Regional Economic Cooperation (CAREC) Climate and Sustainability Project Preparatory Fund (CSPPF) is the first multilateral trust fund established in 2024 under the CAREC framework, with the Republic of Korea and the People's Republic of China as the founding Financing Partners. The Fund is dedicated to supporting climate- and sustainability-oriented project preparation in CAREC developing member countries. As an upstream facility, CSPPF plays an increasingly important role in preparing bankable regional projects and advancing climate-resilient and sustainable investments across the CAREC region.

In 2025, CSPPF worked closely with the Financing Partners and relevant Asian Development Bank (ADB) departments to establish its operational framework and successfully implemented its first and second batches of project proposals. As CSPPF enters its second year of operation in 2026, strengthening cooperation with Financing Partners and enhancing the Fund's visibility have become strategic priorities.

In this context, ADB, in collaboration with Korea Development Institute (KDI), organizes a Korea outreach seminar to showcase the progress of CAREC and CSPPF, engage key stakeholders, and support continued partnership and resource mobilization efforts. Organizing this outreach seminar would further strengthen networking and cooperation among ADB, CAREC stakeholders, and Korean partners.

Objectives

- Present CSPPF's role and progress as CAREC's first multilateral climate-focused fund.
- Introduce key CAREC project pipelines and proposals supported by CSPPF.
- Enhance understanding of ADB engagement and procurement procedures.
- Strengthen cooperation between the Republic of Korea and ADB through CSPPF initiatives.

Program Overview

ADB CAREC CSPPF-KDI GKEDC: Korea Outreach and Business Engagement Seminar

showcases the progress of the CAREC program and the Climate and Sustainability Project Preparatory Fund. It brings together key stakeholders from ADB, CAREC, and Korean public and private sectors to strengthen regional partnerships, advance resource mobilization, and deepen cooperation between ADB and the Republic of Korea.

Title	ADB CAREC CSPPF-KDI GKEDC: Korea Outreach and Business Engagement Seminar
Date & Time	July 9 (Thursday), 2026 / 09:00-17:00
Host	Asian Development Bank, Korea Development Institute
Venue	Rose of Sharon Hall, GKEDC, Seoul, Republic of Korea
Method	Hybrid (Online + In-person)
Participants	Korean public institutions and private companies, ADB Staff

(09:00-12:45) Plenary Session by ADB

Session 1	Introduction to CAREC and CSPPF
Session 2	Key CAREC Project Pipelines
Session 3	ADB Projects by Key Sector
Session 4	ADB Procurement Procedures and Key Partners

(14:00-17:00) Thematic Session by Korean Institutions

Session 1	Trends in Korea–CAREC Cooperation in Transport
Session 2	Trends in Korea–CAREC Cooperation in Energy
Session 3	Trends in Korea–CAREC Cooperation in AFNR ¹⁾

1) Agriculture, Food, Nature, and Rural Development

Program Agenda

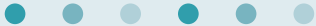
Time	Description
08:30-09:00	Registration
[Opening Ceremony]	
09:00~09:20	Opening Remarks » Asad Aleem, Regional Head, Central and West Asia Department(CWRD), ADB
	Welcoming Remarks » Sohee Gwag, Director, International Financial Institutions Division, Ministry of Finance and Economy of Korea
	Congratulatory Remarks » Dong Soo Kang, Executive Director, Global Knowledge Exchange & Development Center (GKEDC), KDI
	Group Photo
[Plenary Session 1] Introduction to CAREC and CSPPF	
09:20-09:50	Overview of CAREC » Asad Aleem, Regional Head, CWRD, ADB
	Overview of the CAREC Climate and Sustainability Project Preparatory Fund (CSPPF) » Minkyu Kim, Regional Cooperation Specialist, CWRD, ADB
[Plenary Session 2] Key CAREC Project Pipelines	
09:50-10:35	CAREC Investment Opportunities » Begzod Djalilov, Regional Cooperation Specialist, CWRD, ADB (Online)
	Q&A
10:35-10:50	Coffee Break
[Plenary Session 3] ADB Projects by Key Sector	
10:50-11:50	[Transport Sector] CAREC Transport Investment: ADB Operations and Pipeline » Chen Chen, Director, Transport Sector Office, ADB
	[Energy Sector] CAREC Energy Transition: ADB Operations and Business Opportunities » Seung Duck Kim, Principal Energy Specialist, Energy Sector Office, ADB
	[AFNR Sector] ADB Pipeline Projects in Agriculture, Food, Nature, and Rural Development » Begzod Djalilov, Regional Cooperation Specialist, CWRD, ADB (Online)
	Q&A
[Plenary Session 4] ADB Procurement Procedures and Key Partners	
11:50-12:45	[Overview of the ADB Procurement Process] Procurement Directive for ADB Borrowers – What's Changed? » Joong-Jae Shim, Senior Procurement Specialist, Procurement, Portfolio and Financial Management Department (PPFD), ADB (Online)
	Introduction to the ADB K-Hub » Clyde Hutchinson, Senior Technology Specialist, K-Hub, ADB

Time	Description
	Introduction to the Roles of KDI and GKEDC » Jongin Sun, Team Head, GKEDC, KDI Q&A
12:45-14:00	Network Lunch
[Thematic Session 1] Trends in Korea-CAREC Cooperation in Transport	
	[Railway Systems] The Railway Cooperation between Central Asian Countries and Republic of Korea & the Way Forward » Yesun Choung, Senior Manager, Global Projects Division, Korea National Railway
14:00-14:50	[Road Infrastructure] Korea-CAREC Cooperation Trends in Transportation: Road Infrastructure Project Implementation Cases » Jae-Young Jang, Technical Director, Roads and Highways Department, DOHWA Engineering Q&A
14:50-15:00	Break
[Thematic Session 2] Trends in Korea-CAREC Cooperation in Energy	
	[Power Generation and Plant Development] Power Plant Track Record and Future Project in Kazakhstan » Jinweon Bae, Senior Manager, Marketing Division, Doosan Enerbility
15:00-15:50	[Smart Grid Solutions] Digitalization in Power Grid » Young-Sung Park, General Manager, Global Business Department, Korea Electric Power Corporation Q&A
15:50-16:00	Break
[Thematic Session 3] Trends in Korea-CAREC Cooperation in AFNR	
	[Smart Agriculture] FIRMMIT Grows Everywhere in the World » Sunkee Park, CEO, Firmmit
16:00-16:50	[Water Management] Unlocking Sustainable Development in Central Asia with Innovative Water Management » Jun Han Yun, General Manager (Head), Global Cooperation Department, Korea Water Resources Corporation Q&A
[Closing Ceremony]	
16:50-17:00	Closing Remarks

ADB CAREC CSPPF-KDI GKEDC

Korea Outreach and Business Engagement Seminar

ADB-KDI GKEDC 중앙아시아 CSPPF 아웃리치 세미나





Program Details

Opening Ceremony

Opening Remarks



Asad Aleem

Regional Head
Central and West Asia Department
Asian Development Bank

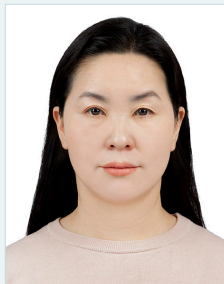
Education

- Master's Degree in Structural Engineering [UMIST Manchester, UK]
- Master's Degree in Business Administration [Warwick, UK]

Experience

- 29 years of professional experience in infrastructure development and financing, including 21 years in ADB
- **[Since April 2026-]** Regional Head, Regional Cooperation and Integration Unit, Central and West Asia Department, ADB
- **[2022-2026]** Former Deputy Country Director and Country Operations Head, Pakistan Resident Mission, ADB

Welcoming Remarks



Sohee Gwag

Director
International Financial Institutions Division
Ministry of Finance and Economy of Korea

Education

- MA in Economics, Vanderbilt University, United States
- BSc in Pharmacy, Seoul National University, Korea

Experience

- **[02.2025-07.2025]** Director, Trade Policy Division
- **[02.2024-02.2025]** Director, International Financial Cooperation Division
- **[02.2023-02.2024]** Director, G20 Financial Cooperation Division
- **[10.2022-02.2023]** Director, Development Project Division
- **[11.2004-09.2017]** Deputy Director, Ministry of Economy and Finance

Congratulatory Remarks



Dong Soo Kang

Executive Director
Global Knowledge Exchange & Development Center
Korea Development Institute

Education

- M.A. and Ph.D. in Economics, University of Chicago, United States
- B.A. in Economics, Seoul National University, Korea

Experience

- **[2023-Present]** Executive Director, GKEDC, KDI
- **[2019-2021]** Senior Vice President, Chief Research Officer, KDI
- **[2014-2017]** Senior Advisor to the Deputy Prime Minister, Ministry of Strategy and Finance
- **[2010-2014]** Director and Vice President, Department of Macroeconomics and Financial Policy, KDI
- **[2007-2009]** Economist, Economics Department, Organisation for Economic Co-operation and Development (OECD)

Plenary Session 1

Introduction to CAREC and CSPPF

Overview of CAREC



Asad Aleem

Regional Head
Central and West Asia Department
Asian Development Bank

Education

- Master's Degree in Structural Engineering [UMIST Manchester, UK]
- Master's Degree in Business Administration [Warwick, UK]

Experience

- 29 years of professional experience in infrastructure development and financing, including 21 years in ADB
- **[Since April 2026-]** Regional Head, Regional Cooperation and Integration Unit, Central and West Asia Department, ADB
- **[2022-2026]** Former Deputy Country Director and Country Operations Head, Pakistan Resident Mission, ADB

Key Information

Central Asia Regional Economic Cooperation (CAREC)



The Central Asia Regional Economic Cooperation (CAREC) Program is a partnership of 11 countries (Afghanistan, Azerbaijan, the People's Republic of China, Georgia, Kazakhstan, the Kyrgyz Republic, Mongolia, Pakistan, Tajikistan, Turkmenistan, and Uzbekistan) and development partners working together to promote development through cooperation, leading to accelerated economic growth and poverty reduction. It is guided by the overarching vision of “Good Neighbors, Good Partners, and Good Prospects.”

The program is a proactive facilitator of practical, results-based regional projects, and policy initiatives critical to sustainable economic growth and shared prosperity in the region. Since its inception in 2001 and as of December 2025, CAREC has mobilized \$57.9 billion in investments that have helped establish multimodal transportation networks, increased energy trade and security, facilitated free movement of people and freight, and laid the groundwork for economic corridor development.



Reference

https://carecprogram.org/?page_id=31

Overview of CSPPF



Minkyu Kim

Regional Cooperation Specialist
Central and West Asia Department
Asian Development Bank

Education

- Master's Degree in International Development Policy, Duke University, North Carolina, USA
- Bachelor's Degree in Economics and Applied Statistics, Yonsei University, Republic of Korea

Experience

- Regional Cooperation Specialist (Financial Sector), Central and West Asia Department, ADB
- Assistant Secretary to the President for Economic and Financial Affairs, Office of the President, Republic of Korea
- Policy Advisor, Office of the Deputy Prime Minister, Ministry of Economy and Finance (MOEF), Republic of Korea
- Senior Deputy Director, Public Institutions Policy Bureau, MOEF, Republic of Korea
- Deputy Director, International Finance Bureau and Policy Coordination Bureau, MOEF, Republic of Korea (since 2008)

Key Information

Climate and Sustainability Project Preparatory Fund (CSPPF)

The CAREC Climate and Sustainability Project Preparatory Fund (CSPPF) is a multi-partner trust fund established to support the preparation of bankable climate- and SDG-related regional projects in the CAREC region. In November 2023, the CAREC Ministerial Conference endorsed the CAREC Climate Change Vision, designed to support member countries in fulfilling their Paris Agreement commitments and advancing the United Nations 2030 Sustainable Development Agenda.



Reference

<https://www.adb.org/what-we-do/funds/carec-climate-sustainability-project-preparatory-fund>

Plenary Session 2

Key CAREC Project Pipelines

Introduction to Key CAREC Project Pipelines



Begzod Djalilov

Regional Cooperation Specialist
Central and West Asia Department
Asian Development Bank

Education

- MA in International and Development Economics, Berlin University of Applied Sciences (FHTW), 2005
- BBA in Finance and International Marketing, Pace University, New York, USA, 2001

Experience

- Programming and coordinating regional cooperation and integration projects and programs, with a focus on CAREC corridors, cross-border connectivity, and regional public goods in Central and West Asia
- Supporting strategic dialogue and partnership development with governments, development partners, and private sector
- Integrating regional cooperation priorities into ADB country programming and project pipelines, including identifying cross-border dimensions, strengthening RCI justification, and aligning operations with ADB's regional cooperation and integration agenda

Plenary Session 3

ADB Projects by Key Sector

[Transport Sector]

CAREC Transport Investment: ADB Operations and Pipeline



Chen Chen

Director
Transport Sector Office
Asian Development Bank

Education

- Ph.D. in Civil Engineering, Virginia Polytechnic Institute and State University (Virginia Tech), United States
- Master's Degree, South China University of Technology, People's Republic of China
- Bachelor's Degree, Tsinghua University, People's Republic of China

Experience

- 24 years of professional experience in the transport sector and international development
- Director, Transport Sector Office (Central and West Asia, East Asia, and the Pacific), ADB
- **[2020–2023]** Former Country Director, Sri Lanka Resident Mission, ADB
- **[2017–2020]** Senior Advisor to the Vice-President (Operations 1), leading quality management of strategies, business plans, and operations across Central and West and South Asia
- **[Since 2007]** Transport Specialist at the Asian Development Bank, with assignments across Pacific and South Asia departments
- Author of 16 publications on transport asset management, climate change, and public-private partnerships, including articles in peer-reviewed journals
- Expertise in transport sector development, infrastructure planning, and regional connectivity
- Experience in transport asset management, climate change, and public-private partnerships

[Energy Sector]

CAREC Energy Transition: ADB Operations and Business Opportunities



Seung Duck Kim

Principal Energy Specialist
Energy Sector Office
Asian Development Bank

Education

- Master's Degree in Engineering, Stanford University, United States
- Bachelor's Degree in Engineering, Korea University, Republic of Korea

Experience

- Over 20 years of professional experience in the energy sector and international development.
- Principal Energy Specialist at ADB, responsible for energy project implementation, loan/grant processing and administration, and technical assistance.
- Currently leading ADB's energy sector operations in Pakistan
- **[2019-2021]** Led ADB's energy sector operations in Uzbekistan, focusing on sector reform, private sector participation, and energy transition
- **[2013-2014]** Assistant Managing Director, Navanakorn Electric Co., Ltd., Thailand
- **[2003-2014]** Senior Manager, Korea Midland Power Co., Ltd., leading overseas IPP development and implementation across multiple countries

[Agriculture, Food, Nature, Rural Development (AFNR) Sector]

ADB Pipeline Projects in Agriculture, Food, Nature, and Rural Development



Begzod Djalilov

Regional Cooperation Specialist
Central and West Asia Department
Asian Development Bank

Education

- MA in International and Development Economics, Berlin University of Applied Sciences (FHTW), 2005
- BBA in Finance and International Marketing, Pace University, New York, USA, 2001

Experience

- Programming and coordinating regional cooperation and integration projects and programs, with a focus on CAREC corridors, cross-border connectivity, and regional public goods in Central and West Asia
- Supporting strategic dialogue and partnership development with governments, development partners, and private sector
- Integrating regional cooperation priorities into ADB country programming and project pipelines, including identifying cross-border dimensions, strengthening RCI justification, and aligning operations with ADB's regional cooperation and integration agenda

Plenary Session 4

ADB Procurement Procedures and Key Partners

[ADB Procurement Process]

Procurement Directive for ADB Borrowers – What's Changed?



Joong-Jae Shim

Senior Procurement Specialist
Procurement, Portfolio, and Financial Management Department
Asian Development Bank

Education

- MBA, University of Michigan
- LLM, Robert Gordon University
- MSc/BSc, Sogang University

Experience

- Asian Development Bank
- Korea National Railway
- SK Ecoplant
- Doosan Enerbility
- Korea Hydro & Nuclear Power
- Korea Electric Corporation

Introduction to the ADB K-Hub



Clyde Hutchinson

Senior Technology Specialist
ADB-Korea Climate Technology Hub (K-Hub)
Asian Development Bank

Education

- BSc, PhD Biochemistry, Queens University Belfast, UK
- MBA, The Open University UK

Experience

- Dr Clyde Hutchinson, Senior Technology Specialist, ADB-Korea Climate Technology Hub, where he focusing matching the climate technology needs of the bank developing member countries with solution providers. From his early days as an academic (Tokyo, Imperial College, Cambridge), Clyde has lived and worked across five continents provide technical expertise for international investment and innovation hubs, evaluation of national and international programmes and investment funds, and supporting the scaling of startups. His expertise spans sustainable development, digital transition, transportation, energy, and food systems.

Introduction to the Roles of KDI and GKEDC



Jongin Sun

Team Head

Global Knowledge Exchange & Development Center
Korea Development Institute

Education

- Ph.D Candidate, International Business, Korea University
- B.A., Sociology and Business Administration, Ewha Womans University

Experience

- Ms. Sun is the Head of the Global Knowledge Cooperation Team at the Korea Development Institute and has been with the Global Knowledge Exchange and Development Center since its inception, contributing to both its establishment and operations. She was seconded to the WB from December 2017 to June 2018, where she conducted research with the Knowledge Management Unit. She continues to design capacity-building programs in collaboration with international development partners (WB, ADB, IDB Invest, etc.) as well as other key stakeholders.

Thematic Session 1

Trends in Korea–CAREC Cooperation
in Transport

[Railway Systems]

The Railway Cooperation between Central Asian Countries and Republic of Korea & the Way Forward



Yesun Choung

Senior Manager
Global Projects Division
Korea National Railway

Education

- **Mar. 2021 – Aug. 2024 B.E** in Artificial Intelligence Studies & B.I. in Big Data Studies (Dual Degree), The Cyber University of Korea, Seoul, South Korea
- **Jan. 2017 – May. 2019 M.A.** in Political Science (Public Policies), Iowa State University, IA, U.S.A. Concentrated on public policies of railway transportation
- **Mar. 1997 – Feb. 1999 B.L.** in Law, Ewha Womans University, Seoul, South Korea
- **Mar. 1993 – Feb. 1997 B.S.** in Food and Microbial Technology, Seoul Women's University, Seoul, South Korea

Experience

- **2020–Present** Senior Manager as a global railway project developer in charge of Central Asian Countries
- **[Tajikistan]** Participate in the project of Smart Mobility Development Project in Dushanbe, Tajikistan, sponsored by the International Contractors Association of Korea (ICAK) (2026. 06. – 2028. 06.), as a dedicated research specialist – Public Transport (Detailed Planning) Sector (grade 1).
- **[Tajikistan]** Participate in the project of [2024/25 EIPP Tajikistan] Advisory Support for the Establishment and Operation of the Urban Rail Preparatory Task Force in Dushanbe, Tajikistan, sponsored by EIPP team of the Export-Import Bank of Korea (2025. 10. – 2026. 07.), as a sector lead (Legal Affairs & TOD) (grade 1).

- **[Uzbekistan]** Participate in the project of Consultancy Services for Feasibility Study of Tashkent-Samarkand High-Speed Railway Construction Project, sponsored by EDCF of the Export-Import Bank of Korea (2024. 12. – 2026. 07.), as a non-dedicated research specialist.
 - **[Tajikistan]** Participate in the project of [2024/25 EIPP Tajikistan] Pre-Feasibility Study for Electrification and Signaling Modernization of Aging Railway of Tajikistan, sponsored by EIPP team of the Export-Import Bank of Korea (2024. 10. – 2025. 08.), as a dedicated research specialist (grade 1).
 - **[Tajikistan]** Participate in the project of Pre-Feasibility Study for Dushanbe Urban Rail Construction (2024. 09 – 2025. 04.), as the Deputy Project Supervisor for the Client Agency, Korea National Railway
 - **[Tajikistan]** Participated in the project of [2023/24 KSP Policy Consultation] Pre-Study for the Construction and Operation of Urban Rail in Dushanbe City, sponsored by KSP team of the Export-Import Bank of Korea (2023. 08. – 2024. 06), as a dedicated research specialist (grade 1)
 - **[Tajikistan & Kyrgyzstan]** Participated in the project of 2023 Railway Academy in Tajikistan and Kyrgyzstan, co-organized by the Korea National Railway and the Korea Trade-Investment Promotion Agency (KOTRA) (2023. 09.), as the General Project Manager
 - **[Kyrgyzstan]** Participate in the project of Pre-Feasibility Study for the Modernization of Signaling and Communication System of the Balykchy Station in Kyrgyz Republic (2023. 08 – 2024. 01.), as the Deputy Project Supervisor for the Client Agency, Korea National Railway
 - **[Turkmenistan]** Presented the railway cooperation cases between Korea and Central Asian Countries including Tajikistan and Kyrgyzstan in the transportation and logistics session at the 16th Korea-Central Asia Cooperation Forum in Turkmenistan
- **2016-2019** Language Training and Master's degree at Iowa State University.
 - Title of Thesis paper: "The new generation and revival of passenger tail systems in Iowa"
 - **1999-2014** Accumulated practical experience in various fields as Staff, Assistant Manager and Manager at the headquarters (High-Speed Rail Construction Department and General Affairs Department) and Metropolitan Area Regional Headquarters of Korea National Railway. Responsibilities included managing high-speed rail construction projects, handling litigation, planning educational programs, overseeing the management of electrical power and signalling/communication materials, and managing acquired property.

Korea National Railway



Korea National Railway plays a central role as the national rail infrastructure manager. Major business is expansion of the national rail network, management of the national rail infrastructure and railway asset management and overseas projects. Korea National Railway's Mission is "Build fast, safe and comfortable railways that enhance national happiness" Korea National Railway's Vision is "Railways for the people, KR connecting Korea to the world" Korea National Railway has successfully implemented 96 projects in 28 countries. As a leader of Korea's railway industry, Korea National Railway is driving efforts to strengthen the global presence of K-Rail in international markets.



[Road Infrastructure]

Korea-CAREC Cooperation Trends in Transportation: Road Infrastructure Project Implementation Cases



Jae-Young Jang

Technical Director
Roads and Highways Department
DOHWA Engineering

Education

- Master of Science in Civil Engineering, University of Incheon, Korea
- Bachelor of Science in Civil Engineering, University of Incheon, Korea

Experience

- **[03.2001-Present]** Technical Director & Principal Engineer in Oversea Project
- Roads and Highways Department, DOHWA Engineering
- Professional Engineer in Road & Airport Engineering Field

DOHWA Engineering Co., LTD

DOHWA 도화엔지니어링

DOHWA was founded in 1957 as the First Comprehensive Engineering Company in South Korea. For decades, our company has maintained its undisputed leadership in the industry, guided by our core values of 'Humanity', 'Harmony', and 'Creativity'. Building upon our unrivaled competitiveness in the domestic market, we are now leaping forward onto the global stage. DOHWA operates 31 subsidiaries and branch offices around the world and has successfully completed over 770 global projects. As the No.1 company in terms of the amount of the award from the international projects among Korean companies, it is attributable to the increase in PMC, EPC, CM (Construction Management), O&M business, and the first entry of the PPP (Public-Private-Partnership) and IPP (Independent Power Producer) field in cooperation with leading companies both domestic and overseas countries. We are spurring the expansion of overseas business areas, such as winning the contract for the first intergovernmental project (G2G) PMO business in Korea.



Thematic Session 2

Trends in Korea–CAREC Cooperation
in Energy

[Power Generation and Plant Development]

Power Plant Track Record and Future Project in Kazakhstan



Jinweon Bae

Senior Manager
Marketing Division
Doosan Enerbility

Education

- BA in Marketing, Business Administration, University of IOWA

Experience

- **[04.2021- present]** Marketing and Planning Team
- **[02.2016-04.2021]** EPC Sales Team
- **[09.2012-02.2016]** Doosan Corporate
- **[2010-2011]** Abu Dhabi Office
- **[12.2006-08.2010]** Overseas Business Team

Doosan Enerbility

DOOSAN

Doosan Enerbility, as a leading plant engineering company in Korea, provides integrated solutions in the energy and water sectors, including thermal power, nuclear power, and renewable energy.

Doosan Enerbility is the only gas turbines manufacturer of major combined-cycle power generation equipment in Korea. It produces gas turbines developed with its own proprietary technology and manufactures steam turbines. It is also the only manufacturer of major equipment for nuclear power plants in Korea, supplying key components such as reactors, steam generators, and turbine generators. The company is expanding its business through an eco-friendly energy portfolio that includes small modular reactors (SMRs), which are attracting attention as next-generation nuclear power, as well as hydrogen gas turbines, hydrogen, and offshore wind power.



[Smart Grid Solutions]

Digitalization in Power Grid



Young-Sung Park

General Manager
Global Business Department
Korea Electric Power Corporation (KEPCO)

Education

- Ph.D in Electrical Engineering, Chonnam National University(Expected Aug. 2026)
- MA in Electrical Engineering, Chungbuk National University
- BA in Electrical Engineering, Chungbuk National University

Experience

- **[10.2024-07.2026]** General manager, KEPCO, Overseas Business
- **[12.2021-09.2024]** General manager, KEPCO, Distribution Construction & Operation
- **[10.2011-11.2021]** Senior manager, KEPCO, Overseas Business
- **[07.2009-09.2010]** Senior manager, KEPCO, Distribution Construction & Operation
- **[12.2003-06.2009]** Manager, KEPCO, Distribution Construction & Operation
- **[02.2002-09.2003]** Researcher, Korea Institute Energy Research

Korea Electric Power Corporation (KEPCO)



Korea Electric Power Corporation (KEPCO) is South Korea's largest state-owned electric utility, responsible for the generation, transmission, and distribution of electricity nationwide. Founded in 1961 and headquartered in Naju, KEPCO serves over 23 million customers and ranks among the Fortune Global 500. With an installed capacity exceeding 83,000 MW through its subsidiaries, KEPCO is actively expanding into international power markets across Asia, the Middle East, and Latin America.



Thematic Session 3

Trends in Korea–CAREC Cooperation
in Agriculture, Food, Nature, and Rural Development

[Smart Agriculture]

FIRMMIT Grows Everywhere in the World



Sunkee Park

CEO
Firmmit

Education

- Gachon University, Department of Physical Education (Incomplete)

Experience

- **[10.2017-Present]** Founder & CEO, Firmmit Co., Ltd.
- **[07.2015-09.2017]** Leafy Vegetable Cultivation and Farm Management
- **[05.2007-12.2009]** Agricultural Worker, Australia

Firmmit

FIRMMIT.

FIRMMIT Co., Ltd. is a smart agriculture company founded in 2017, providing integrated solutions across the entire agricultural value chain from seed development and cultivation to distribution. Leveraging smart farming technologies proven through the cultivation of strawberries, one of the most technically demanding crops, the company has built an agricultural value chain that can be applied to a wide range of crops and growing environments.

FIRMMIT has achieved annual revenue of KRW 40.5 billion, secured KRW 18.2 billion in cumulative investment, and attained a corporate valuation of KRW 80 billion. The company possesses proprietary energy-efficient vertical farming technology and exclusive strawberry varieties, including FIRMMIT 1943 and Tinkerbell.

Currently, FIRMMIT exports smart farming solutions to six countries including Uzbekistan, Malaysia, Indonesia, China, Mongolia, and Singapore. Through its local subsidiary in Uzbekistan, the company operates the AKIS Smart Greenhouse and conducts greenhouse renovation and modernization projects, establishing a localized K-Smart Farm model tailored to regional agricultural conditions and market demands.



[Water Management]

Unlocking Sustainable Development in Central Asia with Innovative Water Management



Jun Han Yun

General Manager (Head)
Global Cooperation Department
Korea Water Resources Corporation (K-Water)

Education

- MA in Hydraulic Engineering, Tsinghua Univ., Beijing, China
- BA in Civil Engineering, Hanyang Univ., Seoul, Korea

Experience

- **[12.2024-Present]** Head, Global Marketing Team, K-water
- **[01.2021-12.2024]** Senior Manager, Corporate Strategy Team, K-water
- **[01.2019-01.2021]** Senior Manager, Climate Change Mitigation Team, K-water
- **[01.2010-01.2014]** Manager, Overseas Project Development Team, K-water
- **[06.2005-01.2010]** Manager, Gunwi Dam Construction Unit, K-water

Korea Water Resources Corporation (K-Water)



K-water is a state-owned enterprise who is dealing with the water management in Korea. It has committed to support the nation's economic growth and to mitigate the water-related disasters since 1967. The 4 pillars of corporate mission are water resources, water supply, renewable energy and urban development. Currently, the organization is keen on responding climate change impacts and addressing the various demands for water. K-water is actively sharing the experiences and technologies with the other countries based on the global water cooperation platform.



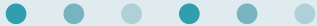
ADB CAREC CSPPF-KDI GKEDC
**Korea Outreach and
Business Engagement Seminar**

ADB-KDI GKEDC 중앙아시아 CSPPF 아웃리치 세미나

ADB CAREC CSPPF-KDI GKEDC

Korea Outreach and Business Engagement Seminar

ADB-KDI GKEDC 중앙아시아 CSPPF 아웃리치 세미나





Additional Information

03

Additional Information



Host



Asian Development Bank (ADB)

ADB is a leading multilateral development bank supporting sustainable, inclusive, and resilient growth across Asia and the Pacific. Working with its members and partners to solve complex challenges together, ADB harnesses innovative financial tools and strategic partnerships to transform lives, build quality infrastructure, and safeguard our planet. Founded in 1966, ADB is owned by 69 members—50 from the region.

Korea Development Institute (KDI)

The Korea Development Institute (KDI) has stood as a premier think tank in Korea since its establishment in 1971. Covering a wide range of research areas including macroeconomics, finance, industry, competition policy, public finance, labor, welfare, global economy, and North Korean economy, KDI delivers data-driven, objective, and highly credible policy recommendations rooted in a commitment to building social consensus on national agendas.

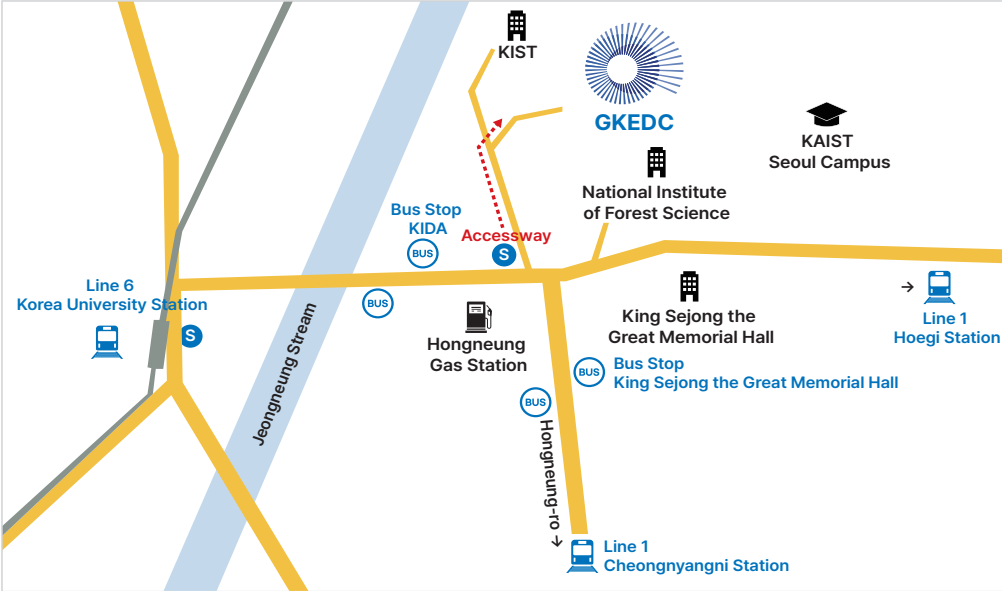


Global Knowledge Exchange & Development Center (GKEDC)

The Global Knowledge Exchange & Development Center (GKEDC) serves as a global platform for knowledge exchange, operated by KDI under the mandate of the Ministry of Economy and Finance (MOEF) of Korea. Leveraging a rich body of knowledge resources and an extensive expert network, GKEDC shares Korea's socio-economic development experience with the international community and fosters dialogue on global agendas. In this effort, GKEDC provides tailored capacity-building programs and organizes international seminars, highlighting Korea's development journey and best practices to support sustainable growth worldwide.



Shuttle Service



Detailed Information



- Operation Route: Korea Univ Station(Exit 3) → KIST (Korea Institute of Science and Technology) entrance → GKEDC → Korea Univ Station(Exit 3)

Departs from Korea Univ. Station (Exit 3)	08:15 / 08:30 / 08:45 / 10:00 / 10:30 / 11:00 / 11:30 / 12:30 / 13:30 / 14:00 / 14:30 / 15:00 / 15:30 / 16:00 / 16:30
Departs from GKEDC	10:20 / 10:50 / 11:20 / 11:50 / 13:20 / 13:50 / 14:20 / 14:50 / 15:20 / 15:50 / 16:20 / 16:50 / 17:20

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Presentation Materials



Q&A

