

Korea-Czech Republic Industry & Energy Technology Cooperation Forum 2024

Friday, September 20, 2024

The President Hotel Prague, the Czech Republic



Ministry of Trade,
Industry and Energy



MINISTRY OF
INDUSTRY AND TRADE



I. OVERVIEW

Purpose

Present technology trends and industry and energy policies and explore opportunities for collaboration through the Economic Innovation Partnership Program (EIPP) to enhance cooperation in advanced technologies between Korea and the Czech Republic.

Date *September 20, 2024 - 1:00 PM (CEST)*

Venue The President Hotel Prague, Prague, the Czech Republic

* Address: Nám. Curieových 1, 110 00 Josefov, Prague, the Czech Republic

Participants

Government, R&D institutions, industry, research institutes and academia

- Korea: Ministry of Trade, Industry, and Energy (MOTIE), KIAT, KETEP, KEIT, KDI & etc.
- The Czech Republic: Ministry of Industry and Trade, Technology Agency of the Czech Republic (TACR), researchers for the joint R&D projects, etc.

Sectors

Electric Vehicle (EV), Battery, Machinery, Robotics, Nuclear, and Hydrogen Sectors

Major Agendas

Present policy initiatives and collaborative programs from both nations, highlighting key technology trends and offering proposals for future cooperation.

- Host specialized seminars on technology cooperation across six key sectors: electric vehicles (EV), batteries, artificial intelligence (AI), robotics, nuclear energy, and hydrogen.
- Enhance bilateral cooperation by facilitating the signing of Memoranda of Understanding (MOUs) between leading institutes from both countries during the Forum.

II. PROGRAM

12:00~	REGISTRATION
13:00-13:15 (15'')	OPENING SESSION
	<ul style="list-style-type: none"> ◆ Opening Remarks Byungjoo Min, President, Korea Institute for Advancement of Technology (KIAT) ◆ Congratulatory Remarks TBC ◆ Welcome Remarks Yoonjong Chun, Chairman, Korea Planning & Evaluation Institute of Industrial Technology (KEIT) TBD, Korea Institute of Energy Technology Evaluation and Planning (KETEP)
13:15-13:35 (20'')	KEYNOTE SESSION
	<ul style="list-style-type: none"> ◆ Development Directions for Korea-Czech Republic Hydrogen Mobility Vice president, Hyundai (TBC) ◆ The Future of Korea-Czech Republic Industrial and Energy Cooperation (TBD) Petr Konvalinka, Chairman, Technology Agency of the Czech Republic (TACR)
13:35-14:00 (25'')	TECHNOLOGY COOPERATION SESSION
	<ul style="list-style-type: none"> ◆ Korea-Czech Republic Industrial Technology Cooperation Program and Outcomes Yooduk Jun, Executive Director, International Cooperation Center (KIAT) ◆ Korea-Czech Republic Industrial Technology Cooperation and Future Plans TBD, Korea Planning & Evaluation Institute of Industrial Technology (KEIT) ◆ Korea-Czech Republic Energy Cooperation and Plans TBD, Korea Institute of Energy Technology Evaluation and Planning (KETEP) ◆ KSP and EIPP Cooperation Strategy Jungwook Kim, Executive Director, Korea Development Institute (KDI)
14:00-16:30 (150'')	RESEARCH AND DEVELOPMENT SESSION
EV	<ul style="list-style-type: none"> ◆ Cooperation in the Development of Automated EV Charging Management System Youjun Choi, Principal Researcher, Korea Automotive Technology Institute (KATECH) ◆ Trends in the Czech Republic Automotive Industry and Cooperation Strategies Zdeněk Lokaj, Professor, Czech Technical University in Prague (CTU)
Battery	<ul style="list-style-type: none"> ◆ Securing Key Technologies for Next-Generation Secondary Batteries for Energy Storage Goojin Jung, Chief Researcher, Korea Electronics Technology Institute (KETI) ◆ The Czech Republic (TBD) TBD
Machinery, Photonics, Materials	<ul style="list-style-type: none"> ◆ Digital Twin-Based Autonomous Manufacturing of Generator & Aviation Engine Core Parts Changju Kim, Principal Researcher, Korea Institute of Machinery and Materials (KIMM) ◆ The Czech Republic (TBD) TBD ◆ Developing High-power Ultrashort Laser Light Sources and Laser Processes Sanghoon Ahn, Head of Dept., Korea Institute of Machinery and Materials (KIMM) ◆ International Cooperation in Photonics Juhyeon Choi, Director, Korea Photonics Technology Institute (KOPTI) ◆ Active Fibers for High-power Fibers Lasers: Recent Progress at the Inst. of Photonics and Electronics of the Czech Academy of Sciences Pavel Peterka, Director, IPECAS
AI, Robotics	<ul style="list-style-type: none"> ◆ Enabling AI in Industrial Domains Seungwoo Kum, Chief Researcher, Korea Electronics Technology Institute (KETI) ◆ The Czech Republic (TBD) TBD,
Nuclear	<ul style="list-style-type: none"> ◆ Current Status of Bilateral Research on Nuclear Energy and Future Cooperation Seunghan Yang, General Manager, Korea Hydro & Nuclear Power (KNHP) ◆ The Czech Republic (TBD) TBD,
Hydrogen	<ul style="list-style-type: none"> ◆ R&D Trends in Clean Hydrogen Production Technology in Korea Seondong Kim, Chief, Korea Institute of Energy Research (KIER) ◆ The Czech Republic (TBD) TBD,
16:30-17:00 (30'')	Coffee Break
17:00-17:30 (30'')	MOU SIGNING CEREMONY
	<ul style="list-style-type: none"> ◆ Greetings Minister, Ministry of Trade Industry and Energy (MOTIE) Minister, Ministry of Industry and Trade (MIT) ◆ Ceremony for Korea-Czech Republic Cooperation MOUs ◆ Group Photo