

Korea-Czech Republic Industry & Energy Technology Cooperation Forum 2024

Friday, September 20, 2024

The President Hotel Prague, the Czech Republic

I. OVERVIEW

Purpose

Share technology trends and policies in industry and energy and explore cooperation through the Economic Innovation Partnership Program (EIPP) to strengthen cooperation in advanced technology 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, 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

Share policy initiatives and cooperation programs from both countries, and present technology trends with proposals for collaboration.

- Hold technology cooperation seminars in six areas (EV, battery, AI, robotics, nuclear, and hydrogen sectors)
- Strengthen cooperation by facilitating the signing of MOUs between institutes from both nations on the forum's sidelines.

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 TBD, Korea Institute of Energy Technology Evaluation and Planning (KETEP) 	
13:15-13:45 (30'')	KEYNOTE SESSION	
10-15 minutes each	<ul style="list-style-type: none"> ◆ The Future of Korea-Czech Industrial and Energy Cooperation (TBD) Petr Konvalinka, Chairman, Technology Agency of the Czech Republic (TACR) ◆ The Development Direction of Hydrogen Mobility Ecosystem (TBC) Vice president, Hyundai (TBC) 	
13:45-14:25 (40'')	TECHNOLOGY COOPERATION SESSION	
10 minutes each	<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 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) 	
14:25-14:40 (15'')	Coffee Break	
14:40-17:40 (180'')	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) ◆ The Czech Republic (TBD)
	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)
	Machinery, Photonics, Materials	<ul style="list-style-type: none"> ◆ Digital Twin-based Generator, Aviation Engine Core Parts Autonomous Manufacturing Changju Kim, Principal Researcher, Korea Institute of Machinery and Materials (KIMM) ◆ Developing High-power Ultrashort Laser Light Sources and Laser Processes Sanghoon Ahn, Head of Dept., Korea Institute of Machinery and Materials (KIMM) ◆ International Cooperation of Photonics Juhyeon Choi, Director, Korea Photonics Technology Institute (KOPTI) ◆ Active Fibers for High Power Fiber Lasers : Recent Progress at the Inst. Of Photonics and Electronics of the Czech Academy of Sciences Pavel Peterka, Director, IPECAS ◆ The Czech Republic (TBD)
	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)
	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)
	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)
17:40-18:00 (20'')	Break	
18:00-18:30 (30'')	MOU SIGNING CEREMONY	
	<ul style="list-style-type: none"> ◆ Greetings Ministry of Trade Industry and Energy (MOTIE) Minister, Ministry of Industry and Trade (MIT) ◆ Ceremony for Korea-Czech Republic Cooperation MOUs ◆ Group Photo 	