



INVITATION

TO

**“AI & ENERGY: DELIVERING THE EU AND KOREA’S DIGITAL AND GREEN AMBITIONS” SEMINAR
BUSAN, 27 AUGUST 2025, 10:15-11:50**

SIDE-EVENT SEMINAR AT THE WORLD CLIMATE INDUSTRY EXPO

1. OVERVIEW

AI & Energy: Delivering EU and Korea’s Digital and Green Ambitions: building on the global momentum following the Clean Energy and Mission Innovation Ministerial meetings, the 2025 World Climate Industry EXPO (WCE) in Busan provides a key opportunity to deepen cooperation between the European Union and the Republic of Korea on the twin transitions—green and digital. In this context, the Delegation of the European Union to the Republic of Korea is pleased to invite you to a high-level seminar on “AI & Energy: Delivering the EU and Korea’s Digital and Green Ambitions.”

Organised as an official side event of the **2025 World Climate Industry EXPO**, this seminar will address one of the key output areas of the EU-Korea Green Partnership: supporting Korea’s just and clean energy transition. By bringing together leading voices from government, research, and industry, the event will highlight how artificial intelligence can drive innovation in the energy sector while advancing shared climate and technological goals.

This seminar’s objectives include:

1. **Promote** European leadership in advancing clean and digital energy solutions.
2. **Encourage structured dialogue** between EU and Korean industries in AI and energy.
3. **Enhance mutual understanding** of ongoing policy initiatives and technological strategies.
4. **Foster collaboration** between clean-tech, digital, and energy sector actors.
5. **Raise public and stakeholder awareness** of the role of AI in delivering a sustainable energy future.

2. KEY DETAILS

- \ **Time & Date:** 10:15 am – 11:50 am, 27 August 2025 (Wed)
- \ **Venue:** BEXCO Convention Center 1, 55 APEC-ro, Haeundae-gu, Busan, South Korea
- \ **Room:** 214-216
- \ **Host:** Delegation of the European Union to the Republic of Korea
- \ **Participants:** 150 + expected attendees from Europe and Korea
- \ **RSVP Link:** [AI & Energy: Delivering EU and Korea's Digital and Green Ambitions](#)
- \ **Languages:** English/Korean (interpretation provided)



3. PROGRAMME

TIME	CONTENTS	SPEAKER
10:15 – 10:25	Opening Remarks	Ditte Juul Jørgensen Director-General for Energy, the European Commission
	Congratulatory Remarks	Mika Nykänen State Secretary to Minister of Employment and Minister of Environment and Climate Change
	Congratulatory Remarks	TBC
10:25 – 10:40	Presentation 1	Sun-kyo Kim , Research Fellow, Korea Institute of S&T Evaluation and Planning (KISTEP) “Korea’s policy approach related to AI and Energy”
10:40 – 10:55	Presentation 2	Rosalinde van der Vlies , Director, Directorate-General for Energy, European Commission “Regulations and initiatives for AI sustainability and the use of AI for energy efficiency”
10:55 – 11:10	Presentation 3	Jang Hyeok Lim , Researcher, Solutions for Our Climate (SFOC) “Alternative Power Generation for Yongin Semiconductor cluster”
11:10 – 11:25	Presentation 4	Jungmin Park , CEO, Ørsted Korea real-life case of AI-Energy-AI initiative
11:25 – 11:50	AI & Energy: Delivering the EU–Korea Vision for a Digital–Green Transition	
	Moderator: Hannes Humala / GPP	
	Panel Discussion	Panellists: <ul style="list-style-type: none"> Jehyun Lee, Principal Researcher, Energy AI and Computational Science Laboratory, Korea Institute of Energy Research (KIER) Jungmin Park, CEO, Ørsted Korea Sun-woong Yang, Managing Director of Carbon Neutral Department, KEPCO KDN Siemens Korea (TBC)
Open floor to audiences for Q&A		

\ For inquiries and to express interest in participating, please contact:

- Youngran JEON (Forum coordinator): youngran.jeon.gpp@gmail.com/ +82 (0)10-2044-2344
- Ruslan TURSUNOV (Forum coordinator): Ruslan.tursunov@gmail.com/ +82 (0)10-4821-8914