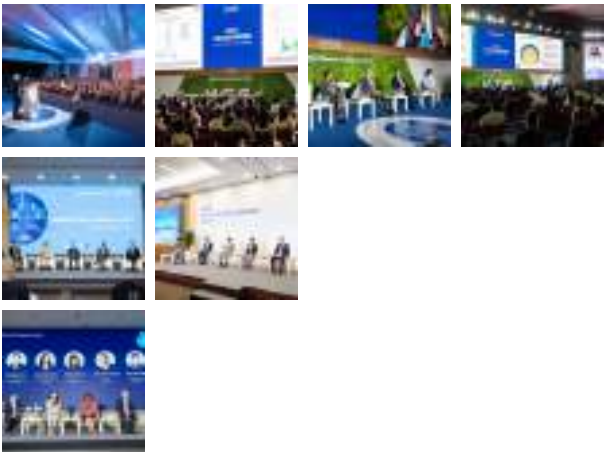


2025 World Climate Industry EXPO

August 27(Wed.) - 29(Fri.), 2025
BEXCO, Busan, Republic of Korea

*The 2025 World Climate Industry EXPO will be held in parallel with
APEC Energy, CEM16, and MI-10 Ministerial Meetings.

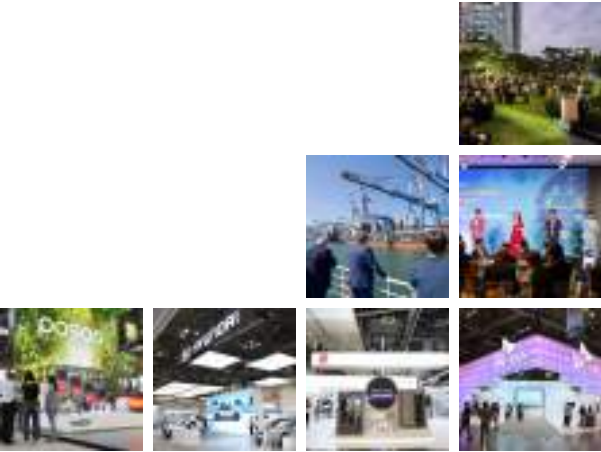




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I. About the 2025 World Climate Industry EXPO

The 2025 WCE is a global EXPO combining both conferences and exhibitions. It will be held from August 27th to 29th, 2025, at BEXCO in Busan, Republic of Korea. The upcoming WCE will coincide with APEC Energy, CEM16, and MI-10 Ministerial Meetings with the attendance of high-level government officials from around the world. There will be the opportunities to engage in discussions on future energy vision with key figures and explore new business opportunities. The international exhibition will showcase the latest innovations in the energy and climate industries, providing a platform for networking.

Conference At the EXPO, the following three topics will be mainly discussed:

1_ CFE



The 2025 WCE will discuss implementation criteria and strategies for advancing and expanding Carbon-Free Energy (CFE) as a practical solution to the global climate crisis.

2_ CLEAN ELECTRICITY



With large-scale investments in high-tech such as semiconductors and secondary batteries, the rapid increase in data centers, and electrification for carbon neutrality, electricity demand is set to rise significantly. At the 2025 WCE, discussions will focus on electricity demand management and strategies for improving efficiency, while innovative technologies and products aimed at reducing peak and standby power will also be presented.

3_ AI & ENERGY



AI technology will drive a fundamental paradigm shift in energy sector. Case studies on the application of AI in both energy supply and demand will be introduced, with in-depth discussions on the emerging paradigm of Energy AI by international experts.

Exhibition

Specialized exhibition halls will align with the 2025 WCE themes: CFE, Clean Electricity, and AI & Energy. Leading global companies with cutting-edge technologies in areas such as renewable energy, energy storage systems (ESS), nuclear power, and AI-powered appliances will present their visions for the future.

The 2025 World Climate Industry EXPO

will be held in parallel with APEC Energy, CEM16, and MI-10 Ministerial Meetings and take place on August 2025 in Busan.

2025 APEC Energy Ministerial Meeting

The APEC (Asia-Pacific Economic Cooperation) Energy Ministerial Meeting is a high-level event that brings together energy ministers and officials from APEC's 21 member economies. The meeting serves as a platform to discuss energy challenges, policies, and strategies specific to the Asia-Pacific region, aiming to foster regional cooperation in energy security, sustainability, and efficiency.

APEC's 21 Members

Australia, Brunei Darussalam, Canada, Chile, Chinese Taipei, Hong Kong, China, Indonesia, Japan, Malaysia, Mexico, New Zealand, Papua New Guinea, People's Republic of China, Peru, Republic of Korea, Russia, Singapore, Thailand, The Philippines, The United States, and Viet Nam

CEM16 and MI-10 Ministerial Meeting

*16th Clean Energy Ministerial and Mission Innovation's 10th Ministerial Meeting

The Clean Energy Ministerial (CEM) is a high-level global forum to promote policies and programmes that advance clean energy technology, to share lessons learned and best practices, and to encourage the transition to a global clean energy economy.

Mission Innovation is a global initiative catalysing a decade of action and investment in research, development and demonstration to make clean energy affordable, attractive and accessible for all. This will accelerate progress towards the Paris Agreement goals and pathways to net zero.

CEM and MI Members

Australia, Austria, Brazil, Canada, Chile, China, Denmark, European Commission, Finland, France, Germany, India, Indonesia, Italy, Japan, Mexico, Morocco, Netherlands, New Zealand, Norway, Poland, Portugal, Republic of Korea, Russia, Saudi Arabia, South Africa, Spain, Sweden, United Arab Emirates, United Kingdom, and United States

II. Highlights from the 2024 World Climate Industry EXPO

**34,000
attendees from
50 countries**

21% increase compared to the previous event

11 Conferences

of CFE, Industry Technology, and Climate Summits

5 Exhibition Halls Featuring

**556 Domestic &
Global Companies**

56 Side Events

Including the Clean Hydrogen International Forum
and the CFE APEC Workshop

The 2024 World Climate Industry EXPO (WCE), the largest climate expo in East Asia, was held in Busan, Korea, from September 4th to 6th. The central theme was 'Ushering in a Carbon-Free Energy Era with Climate Technologies.' The 2024 WCE aimed to provide a platform for global discussions on responding to the climate crisis and ensuring energy security.



2024 WCE

The Republic of Korea proposed the use of Carbon-Free Energy (CFE) as a realistic solution to achieving global carbon neutrality goals at the 78th United Nations (UN) General Assembly. CFE refers to all energy sources that do not emit carbon during the process of energy generation. This includes nuclear energy, carbon capture and clean hydrogen technologies, in addition to conventional renewable energy.

The Republic of Korea has also recently reached an agreement with the International Energy Agency (IEA) regarding the importance of utilizing CFE, which has facilitated its role as a co-host for the 2024 WCE. Additionally, the Republic of Korea is in discussions with the IEA to adopt a joint statement in support of using CFE.

A keynote speech by IEA Executive Director Fatih Birol was along with presentations on IEA's analysis of key energy technologies critical to achieving global climate goals. From this year on, the 2024 WCE was set to become a truly international event, with active participation and practical advice from the IEA.



Paper Stage



Glass Bottle Water



Reusable Cup



Paper ID Badge



Donation of Used Banners



Paper Signage

By creating an eco-friendly venue and promoting Climate Action initiatives, the 2024 WCE ensured that all attendees can understand and experience Carbon-Free Energy.



Opening Remarks

Han Duck-Soo
Prime Minister of the Republic of Korea

Welcome Remarks



Keynote Speech

**Maintaining Energy Security
in the Transition to Clean Energy**



**Trade Rules for
the Green Energy Transition**



CFE Summit



The Summit consisted of the Korea-IEA Forum, the CFE Initiative Conference, and the CFE Leaders Roundtable.

High-level officials from organizations such as the IEA, Green Climate Fund (GCF), World Bank, and Asian Development Bank (ADB) participating as speakers and panelists. Senior executives from major companies such as Samsung Electronics, Hyundai Motor Company, and LG Electronics took part in discussions related to CFE.



Korea-IEA Forum

Pathway to Net Zero with Carbon-Free Energy – Exploring challenges and opportunities



CFE Initiative Conference

Rethinking Climate Solutions: What really works?



CFE Leaders Roundtable

Creating a Sustainable Future through Net Zero



Industry Technology Summit



The Summit was composed of the Forum on Carbon Neutrality and Green Growth, the Future Mobility Session, the Climate Technology Symposium, and the Energy AI Forum.

Representatives from BloombergNEF, Pacific Northwest National Laboratory (PNNL), Korea Hydro & Nuclear Power Co., Ltd., and universities (Technical University of Denmark [DTU] and Waseda) attended as speakers and panelists, offering diverse insights into the technologies and green industries that will lead to the CFE Era.



Forum on Carbon Neutrality and Green Growth

Strategies for Activating the Circular Economy



Future Mobility Session

Promoting Eco-Friendly Vehicles for Net Zero: Strategies and challenges



Climate Technology Symposium

Strengthening Competitiveness and Innovation in Core Technologies (hydrogen and CCU) to Respond to Global Climate Change and Lead Carbon-Free Energy



Energy AI Forum

The Future of Energy with Artificial Intelligence



Climate Summit



The Summit was composed of sessions on Weather and Climate Change, the GGHK Global Green Vision Forum, Global Maritime City for Climate Crisis Response, and the Forest and Carbon Session.

The Summit had high-level officials from the governments of Indonesia and Cambodia, as well as representatives from the Boston Consulting Group (BCG), and the Mayor of Esbjerg, Denmark, presenting various strategies and roles to overcome the current climate crisis.



Global Green Hub Korea (GGHK) Global Green Vision Forum

Turning the Climate Crisis into an Opportunity, Innovation in Green Technology



Global Maritime City for Climate Crisis Response



Weather and Climate Change

Seeking the Role of the Meteorological Industry in Understanding Global Trend of Climate-Related Disclosures



Forest and Carbon Session

Challenges and Opportunities of Forest Carbon for Industry's Carbon Neutrality



Exhibition

556 global companies in the fields of Carbon-Free Energy, Future Energy, Future Mobility, Weather and Climate Industry, and Environmental Energy participated in the EXPO. They displayed a wide range of the latest and future technologies, products, and R&D achievements. The event also provided opportunities for business networking through various seminars and forums, as well as product consultation meetings.



SAMSUNG

 **LG Electronics**

 **Hanwha Qcells**

DOOSAN
Enerbility

 **HD HYUNDAI**

SK E&S

POSCO

 **HYUNDAI**

 **KOREA ZINC**

Vestas

RWE

DELL Technologies



Volkswagen



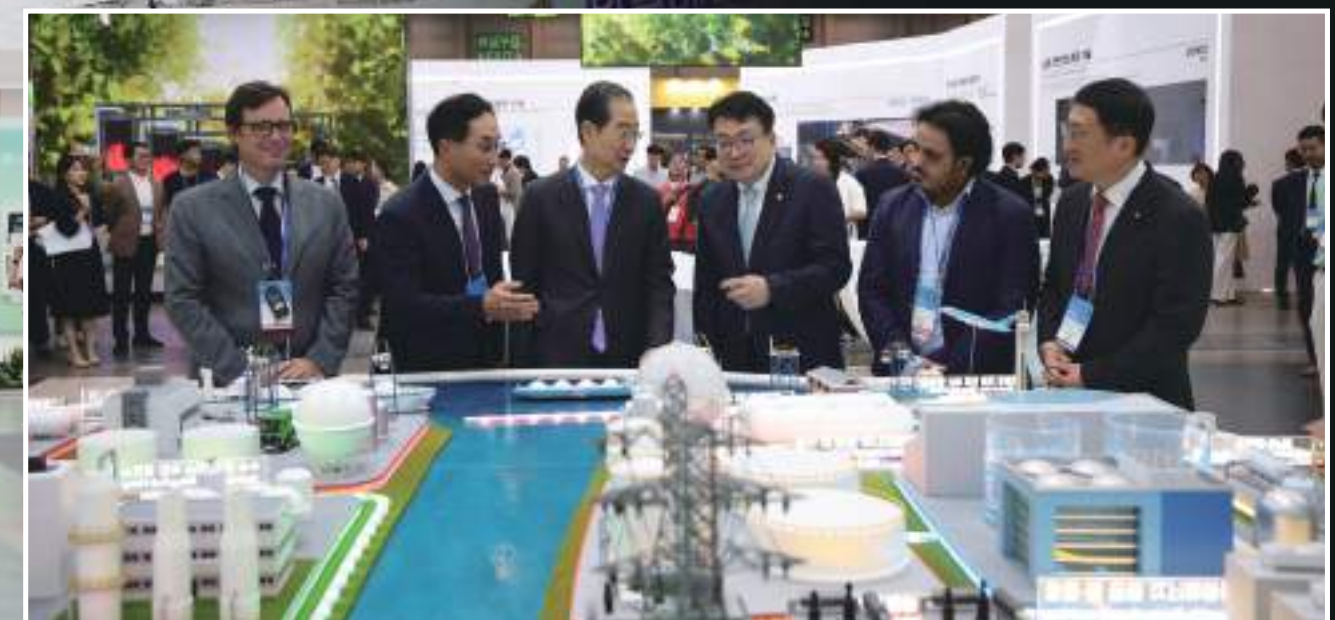
 **KEPCO**
KOREA ELECTRIC POWER CORPORATION

 **KOREA HYDRO & NUCLEAR POWER CO., LTD.**

KOGAS
KOREA GAS CORPORATION

 **KOREA GAS SAFETY CORPORATION**

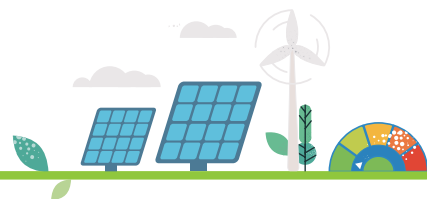
KEITI





WCCE
Exhibition

Side Events



56 side events successfully attracted attendees' participation and engagement at the 2024 WCE.



Networking



At the 2024 WCE, global figures gathered for a welcome reception, a welcome dinner, and a port tour to enhance future partnerships.



Host



Ministry of Trade,
Industry and Energy



Ministry of Environment



Ministry of Science and ICT



Ministry of SMEs
and Startups



Financial Services
Commission



Ministry of Land,
Infrastructure and Transport



Ministry of Oceans
and Fisheries



Korea Meteorological
Administration



Korea Forest Service



Presidential Commission on
Carbon Neutrality and Green Growth



Ministry of
Foreign Affairs



BUSAN
METROPOLITAN CITY



CARBON FREE
ALLIANCE | CFPA



KCCI

Co-Host



Organizer



KOREA ENERGY AGENCY



KOREA
INTELLIGENCE
INNOVATION
ASSOCIATION



Korea Trade-Investment
Promotion Agency



Korea Transportation
Safety Authority



Korea Energy
Governance Institute



Korea
Meteorological Institute



KOREA INSTITUTE OF ENERGY RESEARCH



Korea Electronics
Technology Institute



Korea Environmental
Industry & Technology Institute



Korea Institute of Energy Technology
Evaluation and Planning

We Welcome You to
the 2025 WCE,
August 27(Wed.) - 29(Fri.),
in Busan, Republic of Korea

The 2025 World Climate Industry EXPO will be held in
parallel with three Ministerial Meetings in Busan.

- 2025 APEC Energy Ministerial Meeting
- CEM16 and MI-10 Ministerial Meeting
- * 16th Clean Energy Ministerial and Mission Innovation's 10th Ministerial Meeting

<https://wce.or.kr/Eng/Main.asp>

www.youtube.com/@wce_2024



wce.or.kr