



The 2024 World Climate Industry Expo Secures Co-hosting Agreement with the International Energy Agency (IEA)

- A joint international event between Korea and the IEA to address the global climate crisis together
- Scheduled for September 4th to 6th under the theme "Opening a New Era of Carbon-free Energy with Climate Technology"

The Ministry of Trade, Industry, and Energy (MOTIE - led by Minister Ahn Duk-geun) and the International Energy Agency (IEA - led by Executive Director Fatih Birol) have announced plans to co-host the 2024 World Climate Industry Expo. This decision was made under a mutual understanding of the need for international collaboration to expand the adoption carbon-free energy sources such as nuclear power, renewables, hydrogen, and CCUS (Carbon Capture, Utilization, and Storage). Only through international collaboration can we respond appropriately to the global climate crisis and establish energy security.

* (Dates:) September 4th to 6th, (Location:) Busan BEXCO, (Theme:) Opening a New Era of Carbon-free Energy with Climate Technology.

The World Climate Industry Expo is Korea's national flagship event in the climate and energy secto. The event was first held last year, and integrated 30 domestic energy and environmental exhibitions alongside investment attraction events. The government has made a wide variety of efforts to secure joint hosting with the IEA, including the delivery of a letter from the Prime Minister by the Ambassador of Korea to the OECD in March, and a meeting with IEA Executive Director Fatih Birol in February, led by Nam-ho Choi, Second Vice Minister of the MOTIE. From this year on, the Climate Industry Expo is set to become a truly international event, with active participation and practical advice from the IEA.

* Scheduled Events: 3 Exhibitions, 6 Bilateral Meetings/Events, 10 Seminars, 6 Forums, and 5 Discussion Meetings/Presentations/Networking Events

This year's expo, themed "Opening a New Era of Carbon-free Energy with Climate Technology," will focus on discussions about rapid transition to sustainable, clean energy. It is expected to become an international platform for accelerating the global spread of carbon-free energy technologies and initiatives**, following the agreement reached at the COP 28* last December.

* The COP 28 agreement of December 2023 was the first to specify nuclear power, hydrogen, and CCUS as means of carbon reduction.

** In September 2023, President Yoon Suk-yeol proposed a carbon-free energy initiative at the 78th UN General Assembly.

At this year's event, a keynote speech by IEA Executive Director Fatih Birol is planned, along with presentations on IEA's analysis of key energy technologies critical to achieving global climate goals. Professor James Bacchus* is also scheduled to give a keynote speech, and major global companies like Samsung, Hyundai Motors, Tesla, and Ørsted have been invited to showcase both cutting-edge and future technologies related to carbon-free energy.

* James Bacchus: Current Distinguished Professor in the Department of International Studies at the University of Central Florida, Director of the Center for Global Economic and Environmental Opportunity, Founding Member and Former Chairman of the WTO Appellate

Body, Former Member of the US House of Representatives (Florida).

Director of Energy Policy Lee Ho-hyun, when asked about the event, stated, “We welcome the decision by Executive Director Fatih Birol to co-host this event in order to promote the spread of carbon-free energy,” adding, “We will coordinate closely with the IEA to develop the Climate Industry Expo into a leading international event for responding to the climate crisis.”

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- Event Dates:** 2024/09/04. ~ 09/06 BEXCO, Busan
- Event Theme:** Opening the Era of Carbon-Free Energy (CFE) with Climate Technology
- (Organizers)** The Government of Korea*, International Energy Agency (IEA, Executive Director Fatih Birol)
 - Ministries of Industry, Technology, and Energy, Office for Government Policy Coordination, Ministry of Environment, Ministry of Land, Infrastructure and Transport, Ministry of Foreign Affairs, Ministry of Oceans and Fisheries, Ministry of Science and ICT, Ministry of SMEs and Startups, Korea Meteorological Administration, Presidential Commission on Carbon Neutrality and Green Growth, Financial Services Commission, Busan Metropolitan City
 - Organized in collaboration with public and private institutions such as the Korea Energy Agency, Carbon-Free Alliance, Korea Chamber of Commerce and Industry, and others.
- Keynote Speakers:** Fatih Birol (IEA Executive Director), Professor James Bacchus
- Contents:**
 - **Exhibition:** About 500 companies exhibiting in the fields of climate and energy, including carbon-free energy (nuclear, hydrogen, CCUS, etc.), future of mobility technology, as well as environment, marine, and meteorology
 - * From 2023, this exhibition has been integrated with the Energy Expo (MOTIE), Carbon Neutrality Expo (MOTIE) GGHK (Ministry of Environment), ENTECH (Busan City), and others.
 - **Conference:** Conferences will include the CFE Leaders' Summit, featuring leaders from international organizations, officials from governments all over the world, and other prominent figures from overseas (currently 9 conferences planned)
 - **Other Events:** Seminars and meetings such as the Offshore Wind Power Summit, Greenhouse Gas Reduction Forum, and more, along with bilateral and multilateral meetings in the field of climate and energy

<2023 World Climate Industry Expo Details>


- **Event Dates:** May 24th (Wednesday) to May 27th (Saturday)
- **Organizers:** Ministry of Technology, Industry, and Energy and 12 sub-organizations, Korea Chamber of Commerce and Industry, Korea Energy Agency, and 13 other organizations and associations
- **Event Theme:** Beyond the Climate Crisis, Towards Sustainable Prosperity
- **Attendance Scale:** 52 countries, 28,732 attendees
- **Main Event Schedule:** Opening ceremony, conferences, exhibitions, and other fevents (forums, bilateral/multilateral meetings, etc., - 27 such cases)개막행사, 컨퍼런스, 전시회 및 부대행사(포럼, 양·다자회의 등 27건)
 - **Opening Ceremony (5/25):** Opening remarks (PM Han Deok-su), welcome speeches (Chairman Choi Tae-won of the Korea Chamber of Commerce and Industry, Mayor Park Hyung-jun of Busan Metropolitan City), congratulatory messages (Steven Dunbar-Johnson, President of the International Division at The New York Times), keynote speeches (Fatih Birol, Richard Muller)
 - **Conferences (5.25~26):** Sector-specific (business, cities, and leaders' summitss) roundtables and sessions
 - **Exhibition, (5.25~27):** Clean Energy Pavilion, Energy Efficiency Pavilion, Carbon Neutrality Pavilion, Future Mobility Pavilion, Expo Promotion Pavilion, Policy Finance Pavilion, Environmental Industry Pavilion, Climate & Environmental Technology Pavilion

Event Structure (proposed)

Program		Topic	Organizer(s)
1. Opening Ceremony		Opening Remarks, Welcome Speech, Keynote Speeches, and more	Ministry of Trade, Industry, and Energy (MOTIE)
		Climate Energy Innovation Award	
2. Conference	Leaders' Summit	CFE Leaders Roundtable	Korea Chamber of Commerce and Industry
		Global Climate & Energy Forum	IEA, MOTIE
		Maritime Cities Session	Busan Metropolitan City
	Energy Summit	CFE Initiative Seminar	MOTIE, Carbon Free Alliance
		Future of Mobility Session	Ministry of Land, Infrastructure, and Transport
		Carbon Neutrality Technology Session	Ministry of Science and ICT
	Climate Summit	Global Green Vision Forum	Ministry of Environment
		Meteorology and Climate Change Session	Korea Meteorological Administration
		Green Finance Session	TBC
3. Exhibition / Side Events		Carbon-free Energy Pavilion, IEA 50th Anniversary Special Event, and more	MOTIE, etc.

□ Exhibition Plan (proposed)

Category	Pavilion	Topic	Organizer(s)	Exhibition Area (m ²)
Exhibition Hall 1	Future of Energy Pavilion (Energy Expo)	· Efficiency improvements through Artificial Intelligence and other advanced technologies	Ministry of Industry, Trade, and Energy (MOTIE), Ministry of Science and ICT	4,834
	Carbon-free Energy Pavilion (Energy Expo, Carbon Neutrality Expo)	· CFE (Carbon-Free Energy) technologies (ex. solar, wind, nuclear power, CCUS)	MOTIE, Ministry of Environment	14,674
	Future of Mobility Pavilion	· Hydrogen-powered mobility solutions, electric vehicles, autonomous driving	Ministry of Land, Infrastructure and Transport	5,000
	Meteorology and Climate Industry Pavilion (Meteorology and Climate Industry Expo)	· Latest meteorological industry technologies and equipment	Korea Meteorological Administration	2,000
Exhibition Hall 2	Environmental Industry Pavilion	· Environmental, waste management, eco-friendly technologies (ENTECH)	Busan Metropolitan City	9,936
Total				36,444

Name	○ Fatih Birol	
Nationality	○ Türkiye	
Born	○ 1958, Ankara, Türkiye	
Education	○ Bachelor of Science in Power Engineering, Istanbul Technical University ○ Master of Science in Energy Economics, Vienna University of Technology, ○ Ph.D. in Energy Economics, Vienna University of Technology,	
Career Highlights	○ Executive Director of the IEA (September 2015 to present) ○ Chairman of the IEA Business Council ○ Chairman of the Energy Advisory Board at the World Economic Forum (Davos) ○ Employed at IEA since 1995	
Other Information	○ Forbes 'Most Influential People in Energy' (2009) ○ Recipient of the 2013 World Energy Economics Conference Award for Contribution ○ Awarded decorations by numerous countries including Japan, Austria, France, Germany, Iraq, Italy, the Netherlands, Poland, Sweden, Turkey, the USA, and Russia. ○ Recipient of Japan's Emperor's Order of the Rising Sun (2013) ○ Recipient of Germany's Federal Cross of Merit (2007)	

Name	○ James Bacchus	
Nationality	○ United States of America	
Born	○ 1949, Tennessee, USA	
Education	○ Juris Doctor, Florida State University ○ Master of Arts in History, Yale University ○ Bachelor of Arts in Humanities, Vanderbilt University	
Career Highlights	○ Distinguished Professor in the Department of International Studies, University of Central Florida ○ Former Advisor to the Conference of the Parties to the UN Framework Convention on Climate Change ○ Founding Member and Former Chairman of the Appellate Body of the World Trade Organization (WTO) (1995-2003)	

	o Member of the U.S. House of Representatives from Florida (1991-1995)
Other Information	o Author of Trade and Freedom(2004), The Willing World: Shaping and Sharing a Sustainable Global Prosperity(2018) o Author of numerous books and papers on various topics related to international economy and investment, trade, and international law

Photos from the 2023 World Climate Industry Expo (WCE)


Opening Ceremony Speech by Prime Minister Han Deok-su (5/25)



Opening Ceremony Group Photo (5/25)



Exhibition Hall Tour (5/25)



Exhibition Hall Tour (5/25)



Leaders' Summit Address by Prime Minister Han Deok-su (5/27)



Leaders' Summit Group Photo(5/27)