

GIST-Gwangju Technology Partnership to host "Gwangju-Type RE100 Industrial Complex" symposium

- The first official discussion on establishing a 100% renewable energy industrial complex took place on Monday, the 25th... Gwangju explores solutions for advancing its RE100 industrial complex, a leap forward for carbon neutrality and sustainable cities
- Experts from industry, academia, research, and government gathered to envision a future-oriented industrial complex that will support companies' stable power supply and ESG management... The creation of a renewable energy-based industrial ecosystem is expected to strengthen the global competitiveness of local companies



▲ On Monday, August 25th, the GIST Energy Valley Institute of Technology and the Research Institute for Solar and Sustainable Energies, in collaboration with Gwangju Technopark, held an "Expert Seminar and Advisory Meeting" to develop a Gwangju-type RE100 Industrial Complex, and attendees pose for a commemorative photo.

The Gwangju Institute of Science and Technology (GIST, President Kichul Lim) announced that on Monday, August 25th, the GIST Energy Valley Institute of Technology (Director Kwanghee Lee) and the Research Institute for Solar and Sustainable Energies (Director KwangSup Eom), in collaboration with Gwangju Technopark (President Young-jip Kim), successfully held an "Expert Seminar and Advisory Meeting" to develop a Gwangju-type RE100 Industrial Complex.

This event was divided into a seminar held in the small theater of the GIST Central Library and an advisory meeting held in the Research Institute for Solar and Sustainable Energies Research Building.

Approximately 50 people attended the seminar, while the advisory meeting was attended by approximately 20 people, including Chairman Taek-joong Jeong of the Korea RE100 Council, Vice President Hongkyu Kang of the GIST Energy Valley Technology Institute, Director Joong-je Woo of the Korea Institute of Energy Research's Gwangju Eco-friendly Energy Research Center, Director Jun-cheol Ahn of the Gwangju

Metropolitan City Corporation's Energy Business Division, Director Jun-sik Park of the Gwangju Metropolitan City Energy Industry Division, Director Seong-geun Song of the Korea Electronics Technology Institute's Energy Conversion Research Center, Director Sang-mook Kim of the Korea Photonics Technology Institute's Photonic Energy Research Division, and Director Seung-chan Jang of the Korea Energy Agency's Gwangju-Jeonnang Regional Headquarters.

Through seminars and advisory meetings, attendees reviewed domestic and international RE100 implementation trends and discussed specific strategies for establishing RE100 industrial complexes tailored to the industrial characteristics and needs of the Gwangju region.

RE100 (Renewable Electricity 100) is a global campaign that commits companies to using 100% of their electricity from renewable energy sources, such as solar and wind power.

Launched in 2014 by the UK non-profit Climate Group and the Carbon Disclosure Project (CDP), RE100 currently includes participation from major global companies such as Apple, Google, and Microsoft. Beyond a simple environmental campaign, RE100 has become a key indicator of corporate competitiveness, global supply chain management, and sustainable management.

In line with the government's carbon neutrality policy, Gwangju Metropolitan City has set itself the role of a "RE100 Leading City" as a core goal of its administration and is actively pursuing the development of a "Gwangju-type RE100 Industrial Complex" linked to key local industries.

In particular, by linking future strategic industries such as artificial intelligence, automobiles, and energy with the transition to renewable energy, we are developing measures to support companies in securing a stable supply of eco-friendly electricity while simultaneously addressing the ESG (Environmental, Social, and Governance) management requirements of the global market.

At the seminar, Chairman Jeong Taek-joong of the Korea RE100 Council presented on domestic and international RE100 implementation trends and plans for establishing RE100 industrial complexes. Chairman Jeong outlined the current status of RE100 initiatives by global companies and Korea's response strategies, presenting realistic measures for Gwangju to leap forward as a leading RE100 city.



▲ On Monday, August 25, Chairman Taek-joong Jeong of the Korea RE100 Council presented at an expert seminar on the development of a Gwangju-type RE100 Industrial Complex.

The advisory meeting that followed focused on topics such as: ▲ Korean renewable energy procurement methods, ▲ Gwangju-style RE100 Industrial Complex construction plans, ▲ industrial and technological implementation strategies, and ▲ RE100 support measures to attract corporate investment.

Attendees presented diverse ideas on how the Gwangju RE100 Industrial Complex can enhance the stability of renewable energy supply, strengthen the global competitiveness of local companies, and ultimately achieve carbon-neutral city status.



▲ Experts are holding a consultative meeting to establish the RE100 Industrial Complex in Gwangju.

GIST Energy Valley Institute of Technology Director Kwanghee Lee stated, "This seminar and advisory meeting are an important starting point for Gwangju to map out its RE100 industrial complex." He added, "We will strengthen cooperation among industry, academia, research, and government to foster a renewable energy-based industrial ecosystem in Gwangju, ensuring a stable supply of eco-friendly electricity for companies and a new growth engine for the region."

Gwangju Technopark Director Young-jip Kim stated, "I am confident that if we continue to work together, building on today's gathering of experts' wisdom and experience, Gwangju will become a model city for the sustainable energy transition."