

보도시점

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Korea's Solar Industry Gears Up to Take the Lead in Global Markets

‘Solar Power Industry Competitiveness Enhancement Committee’ Launched

- Enhancement Committee holds inaugural meeting to discuss rebuilding the solar power supply chain and gaining an early lead in next-generation technologies

The Ministry of Climate, Energy and Environment (MCEE, Minister Kim Sungwhan) announced that it held the first meeting of the “Solar Power Industry Competitiveness Enhancement Committee” on September 10 at the Koreana Hotel in Jung-gu, Seoul, officially launching a public-private governance body involving the government, public institutions, industry, academia, research institutions, and civic groups to rebuild the solar power supply chain and secure a leading position in next-generation technologies.

Through the “First Basic Plan for Renewable Energy” announced in May, the MCEE established a plan to restore Korea’s domestic solar power industry ecosystem alongside its goal of deploying 100 GW of renewable energy by 2030, and is working to establish a “virtuous cycle between deployment and industry” so that the expansion of solar power can contribute to the growth of the domestic industry ecosystem, including cells, modules, and inverters.

The Committee will support the smooth implementation of the Basic Plan

while also serving as a bridge to foster cooperation among companies.

The Committee plans to actively gather feedback on challenges faced by companies in the field during the drive for localization, develop best practices for collaboration and mutual growth among companies across the domestic value chain, and formulate concrete support measures, including the establishment of large-scale demonstration sites and industry-academia-research collaboration, to accelerate the entry of next-generation cutting-edge technologies, such as tandem cells and inverters, into the global market.

<Key Initiatives by Subcommittee of the Solar Power Industry Competitiveness Enhancement Committee>

- ▲ (Overall Planning) Develop measures to enhance the competitiveness of the solar power industry and coordinate differences of opinion among subcommittees
- ▲ (Supply Chain Rebuilding) Develop measures to promote industry-wide cooperation and institutional support (strengthening the value chain and providing investment and tax incentives)
- ▲ (Cutting-Edge Technologies) Establish a technology roadmap for next-generation solar cells and inverters and plan large-scale demonstration projects
- ▲ (Market Linkage and Deployment) Develop incentive measures to expand the priority use of domestically produced products

Lee Hohyeon, Second Vice Minister of the MCEE, said, “The solar power industry is at a critical juncture, transitioning from its traditional silicon-based focus to next-generation solar technologies.” He added, “Through discussions within the Committee, we hope we can build a robust industry ecosystem based on industry-academia-research cooperation and enable Korean companies to lead the global market through export-oriented industrialization and other efforts.”