

# 국제에너지기구(IEA), '무탄소에너지 이니셔티브' 지지

- 산업부, 파티 비롤(Fatih Birol) IEA 사무총장과 공동 기자회견 개최
- IEA 사무총장 “원자력·재생·수소 등 다양한 탄소중립 에너지원 활용을 통해 배출량 감축과 에너지 안보를 동시에 달성하려는 한국의 노력을 높이 평가”

산업통상자원부(장관: 안덕근)는 기후산업국제박람회 공동 개최를 계기로 방한한 파티 비롤(Fatih Birol) 국제에너지기구(IEA) 사무총장과 함께, 9.3(화) 프레스센터 20층에서 기자회견을 개최하고, 「한-IEA 공동선언문」(이하 공동선언문)을 발표하였다.

기자회견에서 비롤 사무총장은 청정에너지 보급을 위한 국제적인 노력의 중요성을 강조하고, 에너지안보를 확보하면서도 에너지 전환을 추구하기 위해서는 청정에너지 및 핵심광물의 공급망, 전력망과 에너지저장장치가 핵심적 수단임을 역설하였다.

IEA는 글로벌 탄소중립을 위해 다양한 무탄소에너지의 활용을 위한 협력을 강화하는 「CFE 이니셔티브」에 대한 지지를 표현하였다. 또한, ‘기후 기술로 열어가는 무탄소에너지 시대’를 주제로 9.4(수)부터 9.6(금)까지 부산에서 열리는 기후산업국제박람회 공동 개최 및 주요국의 무탄소에너지 활용 여건에 대한 공동연구 등 한국과의 다양한 협력이 이루어지고 있음을 확인하고, 앞으로도 다양한 국제 무대에서의 협력을 지속적으로 강화해 나가기로 하였다.

비롤 사무총장은 “각국은 자국 여건에 따라 에너지 수요를 충족하기 위해 가용한 에너지공급원이 상이한 만큼, 배출량 감소에 기여할 수 있다면 어떤 기술도 배제할 이유가 없다.”라며, “이러한 측면에서 원자력, 재생에너지, 수소 등을 포함한 다양한 수단을 포괄적으로 추구하는 한국의 정책적 접근을 높이 평가한다”라고 언급하였다.

정부는 IEA와 무탄소 에너지 등에 대한 협력을 강화해 나가는 한편, 아시아태평양경제협력체(APEC) 및 청정에너지장관회의(CEM) 등과 같은 다양한 국제회의를 통해 무탄소 에너지 활용 확대에 대한 논의를 확산해 나갈 계획이다.

담당 부서	에너지정책관	책임자	과 장	이경수 (044-203-5120)
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**Joint Statement****International Energy Agency - Republic of Korea****September 3rd, 2024 - Seoul**

We, Dr. Fatih Birol, Executive Director of the International Energy Agency, and H.E. Ahn Duk-geun, Minister of Trade, Industry and Energy of the Republic of Korea, emphasize the critical importance of decarbonizing the energy sector, which is fundamental to global economic activity, in order to keep the 1.5°C goal within reach. We also recognize that the growing application of information and communications technology (ICT), the electrification of industries, and rapid industrialization present new opportunities as well as challenges in achieving global carbon neutrality.

We note that at a global level, leveraging all available carbon-free energy sources from a technology-neutral standpoint offers an effective opportunity to limit global warming in the near term while also helping to ensure energy security. We understand that this approach aligns with the United Nations Framework Convention on Climate Change (UNFCCC, 1992), which underscores 'common but differentiated responsibilities and respective capabilities,' taking into account each country's economic and geographical conditions.

We welcome the outcomes of COP28 in Dubai and the 2024 IEA Ministerial Meeting, which emphasized the need to further develop clean energy technologies and accelerate the deployment of existing, emerging, and new carbon-free technologies, depending on national circumstances and choices.

**Support for the CFE Initiative:** We note that on October 27, 2023, the Korean government and the Carbon Free Alliance (CF Alliance) jointly launched the 'CFE Initiative,' a global campaign aimed at fostering the decarbonization of Scope 1 and 2 emissions through the comprehensive implementation of various carbon-free energy sources. We highlight that the initiative's goal is to expand the availability of clean energy sources, thereby helping to reduce the costs borne by nations and industries in achieving net zero by 2050. We underline that this initiative represents a collaborative effort between the public and private sectors, emphasizing not only the utilization of innovative decarbonization technologies and financial investments by individual industries but also the efforts of governments to establish infrastructure and enhance institutions to support these endeavors. We agree that the CFE Initiative is an effective means to accelerate progress towards achieving net zero emissions by 2050, consistent with efforts to limit the rise in average global temperatures to 1.5°C as outlined in the IEA's 'Net Zero by 2050' roadmap. We encourage all countries and industries to review the key elements of the CFE Initiative to see how it can contribute to their own decarbonization plans.

**Highlighting Collaboration:** We note the collaborative research project between the IEA and the Republic of Korea, which commenced in March 2024. The project's primary objective is to analyze the viability of deploying a diverse range of carbon-free energy sources in major global economies and to publish a report titled 'Achieving Net Zero Based on the CFE Initiative' to advance global efforts towards meeting energy security and sustainability objectives. We welcome the joint efforts by the IEA Secretariat and Korea in organizing the World Climate Industry Expo (WCE) to be held in Busan from September 4-6, 2024. We emphasize that the WCE aims to showcase the benefits of embracing a range of carbon-free energy solutions and the latest advancements in carbon reduction technologies. It will offer new opportunities to address the urgency of the climate crisis and facilitate the transition to more sustainable energy systems.

**Future Collaboration:** Looking ahead, the IEA Secretariat and Korea remain committed to expanding their cooperation on the CFE Initiative as a means to help ensure energy security and accelerate clean energy transitions to achieve net zero greenhouse gas emissions by 2050. As part of this, the IEA Secretariat will keep its members updated on the progress of the CFE workstream, an initiative introduced by the Korean government at the CEM Senior Officials' Meeting (May 15-17, 2024, Indonesia), explore opportunities to highlight findings of the CFE Initiative in future intergovernmental multilateral meetings, and seek to expand analysis and data on carbon-free energy technologies in IEA publications.