

Promoting High Quality Development of Renewable Energy: Resolutions and Practices

COP29 | 14 Nov 2024, Thursday PM3:00–4:30| Room: SIDE EVENT 7 | Blue Zone

Background:

The 29th United Nations Climate Change Conference (COP 29) is scheduled to take place in Baku Azerbaijan, from November 11th to 22nd. On this conference, government leaders from all Parties, international organizations, research institutions, and other relevant stakeholders will converge in Baku to collectively engage in discussions on various issues pertaining to mitigation and adaptation in the field of climate change.

As a crucial method and means to address climate change and reduce carbon emissions, the significant role of renewable energy in the global energy transition cannot be overlooked. With the expanding demand and scale of renewable energy applications worldwide, new issues constantly emerge concerning the healthy development of renewable energy. These include: we need to devote greater effort to considering how to dispose of large-scale retired renewable energy equipment to ensure that the entire industry chain of the clean and low-carbon renewable energy sector achieves better environmental benefits and sustainable development goals; we need to forge more unified actions in cooperation, strengthen international collaboration along the industry chain, and reduce trade frictions, so that the application costs reduced through technological innovation do not rebound due to human factors, thereby promoting more effective global access to renewable energy; we need to enhance continuous innovation in renewable energy application technologies to better accommodate the volatility of renewable energy, and expand the space for large-scale application of renewable energy from the energy consumption side.

Guided by the objectives of addressing climate change and sustainable development, China has been vigorously developing renewable energy and has achieved remarkable results. As of the end of June 2024, the installed capacity of renewable energy power generation in China has reached 1.653 billion kilowatts, representing a year-on-year increase of 25% and accounting for approximately 53.8% of the total installed power generation capacity. Such achievements have been made possible due to the cooperative support and shared experiences from many developed countries. Currently, China, Germany and Denmark stand at the forefront of renewable energy technology development. It is imperative to form a more unified and globally leading consensus on both technological innovation and industrial cooperation.

Therefore, during COP29, the Chinese Renewable Energy Industries Association (CREIA), in collaboration with institutions such as the German Federal Environmental Foundation (DBU), the China New Energy Chamber of Commerce (CNECC), and China South Low Carbon Academy (CSLCA), will jointly discuss key issues related to the high-quality development of renewable energy. The aim is to better promote leading technologies and practical cases, form a more unified consensus and actions, strengthen cooperation among various links in the international industrial chain, and thereby promote the high-quality development of the renewable energy industry.

Introduction:

This side event, hosted by the Chinese Renewable Energy Industries Association and co-organized by the German Federal Environmental Foundation (DBU), the China New Energy Chamber of Commerce (CNECC), and China South Low Carbon Academy (CSLCA), will be held in Side Event Room No.7, Blue Zone of the

COP29 from 15:00 to 16:30 on November 14, 2024. In order to leverage the platform influence of the COP29 Conference, share worldwide practices and solutions for the high-quality development of renewable energy, and contribute to the global effort in addressing climate change, the conference will primarily focus on the following three topics:

- Technological Innovations and Applications in the Renewable Energy Industry;
- Wind Power, Photovoltaics, Energy Storage, and Recycling Utilization;
- Practical Applications of Renewable Energy in Energy Transition;

With the participation of international organizations, scientific research institutions, and leading enterprises, this conference aims to explore the challenges and solutions faced by the high-quality development of renewable energy. It strives to facilitate exchanges and cooperation in the field of renewable energy among countries and jointly achieve high-quality development in this sector.

Agenda

Time	Content
15:00 – 15:10	Welcome Speech & Opening Remarks
	Liu ZhenMin China's Special Envoy for Climate Change (TBC) Sun XianSheng Chinese Renewable Energy Industries Association, Special Director (TBC)
	Moderator: Wang WeiQuan Deputy Secretary General of Chinese Renewable Energy Industries Association
	Speech Guests:
	Zou Ji Energy Foundation China, CEO & President (TBC) Topic: Practice and Experience Sharing of Promoting High Quality Development of Renewable Energy in China
15:10 – 16:00	Alexander Bonde German Federal Environmental Foundation, Secretary General Topic: TBC
	YinYan WeiQiao Pioneering Group (TBC) Topic: Experience sharing of renewable energy technology and industry international cooperation
	SinoCarbon, International Cooperation Director Topic: Green Energy Book (GEB)

Tang WeiMin World Wide Fund For Nature (WWF) Beijing Office, Energy Transfer Senior Manager

Topic: The key role of energy storage in promoting the high proportion of renewable energy applications and addressing climate change

Panel Discussion : Promoting Global Energy Transition through Effective Renewable Energy Industry Cooperation

Moderator: Wang WeiQuan Deputy Secretary General of Chinese Renewable Energy Industries Association

1. Typology of Renewable Energy Technologies and Industrial Cooperation Experiences on a Global Scale
2. Development Technologies and Outlook for Renewable Energy
3. Key Constraints in the Development of Renewable Energy and Proposed Solutions

16:00 – 16:30

Panel Guests:

Paulo Fernando Soares Managing Director of SANY RE Europe (TBC)

Meng LingLai SunGrow Solar Energy Storage Group, Vice President (TBC)

TBC Global Solar Council (GSC)

TBC Global Wind Energy Council (GWEC)

TBC GIZ
