



COP28 China Pavilion Side Event

Workshop on "Jointly Shaping a Resolute Future for Global Energy Transformation"

— & Introduction of "China Energy Transformation Outlook 2023"

Date: 18:00 - 19:50, Saturday December 9, 2023 (Local Time)

Location: China Pavilion – Action Room (Blue Zone B5-58) & Online, COP28, Dubai, UAE

Organisers: Energy Research Institute, Chinese Academy of Macroeconomics Research
College of Smart Energy, Shanghai Jiao Tong University and State Power Investment Corporation

Background

In the face of the escalating climate crisis, need for global economic recovery, heightened geopolitical conflicts, and increased risks in the low-carbon energy industry and supply chains, there is an urgent need to accelerate the low-carbon transformation. Energy, as the most significant greenhouse gas-emitting sector, requires swift transformation. Climate change is with no borders, and instilling strong confidence in forging a green future together is a collective call of the international community. We must cooperate hand in hand to realize the future of China and the global energy transformation.

This side event is jointly organised by the Energy Research Institute, Chinese Academy of Macroeconomics Research, and the College of Smart Energy, Shanghai Jiao Tong University and State Power Investment Corporation. The side event will invite senior representatives from China, Denmark, the United States, the International Energy Agency (IEA), the International Renewable Energy Agency (IRENA), as well as government representatives, high-level think tank experts, and industry leaders to candidly discuss the transformation pathways toward net-zero emissions in the energy system. We will explore how technological innovation, policy measures, and international cooperation can overcome obstacles, create opportunities, and collectively advance the pace of low-carbon energy transformation in China and globally.

During this side event, the Energy Research Institute (ERI), Chinese Academy of Macroeconomics Research will introduce the new launched annual flagship report of the "China Energy Transformation" program, titled "China Energy Transformation Outlook 2023" (CETO 2023). This international cooperation project led by ERI, aiming to achieve China's carbon neutrality commitment, conducts an analysis of energy transformation pathways. The research results are based on collaboration among project members from China, Denmark, the United States, and other countries, reflecting a consensus within the project team. CETO 2023 incorporates the latest policy measures in China's energy transformation, analyses the turbulence and challenges in the energy market, systematically evaluates the latest developments in energy technologies such as electrification, green hydrogen, renewables, smart and flexible energy, power to "X", and negative carbon technologies, and proposes solutions and transformation pathways for China's energy system net-zero emissions. (Program website: www.cet.energy)

Conference Language: Simultaneous interpretation in Chinese and English.

Light refreshments will be provided for attending guests.

Zoom link for live stream: <https://us02web.zoom.us/j/83221637198?pwd=T1pScGJ3UzBhTW9OU2JYbm1HRjI4UT09>

Meeting room number: 83221637198

Draft agenda

Moderator: <i>Lyu Wenbin</i>, Director General of Energy Research Institute, Chinese Academy of Macroeconomics Research	
Part I: High-Level Addresses - "Building Green Confidence Together, Forging the Path to Net-Zero Emissions in Energy System"	
18:00-18:30	Speakers (tbc): <ul style="list-style-type: none">● <i>Xie Zhenhua</i>, China Special Envoy for Climate Change● <i>Dan Jørgensen</i>, Minister for Development Cooperation and Minister for Global Climate Policy, Denmark● <i>Mary Burce Warlick</i>, Deputy Executive Director of the International Energy Agency (IEA)● Representative from National Development and Reform Commission (NDRC)● <i>Huang Zhen</i>, an Academician of Chinese Academy of Engineering, Dean of College of Smart Energy, Shanghai Jiao Tong University and State Power Investment Corporation● <i>Hongpeng Lei</i>, Global Director, Climate, Children's Investment Fund Foundation (CIFF)
Part II: Keynote Presentations and Introduction of "China Energy Transformation Outlook 2023"	
18:30-19:20	Keynote presentations <ul style="list-style-type: none">● China energy transformation outlook 2023 <i>Wang Zhongying</i>, Project Leader of the China Energy Transformation Program, Research Professor of Energy Research Institute of Chinese Academy of Macroeconomics Research● U.S. energy transformation progress and outlook <i>David Sandalow</i>, Inaugural Fellow at the Center on Global Energy Policy, Columbia University, United States● Highlights: Danish Energy Transition – accelerating the transition to a climate neutral society <i>Christian Stenberg</i>, Deputy Permanent Secretary Danish Ministry of Climate, Energy and Utilities
19:20-19:50	Comments and panel discussion Moderator: <i>Kaare Sandholt</i> , Chief International Expert of the China Energy Transformation Project Topics: <ul style="list-style-type: none">● Comments to China Energy Transformation Outlook 2023● Key opportunities, challenges, and barriers in global energy transformation● Energy transformation financing and support for developing countries● Innovations in low carbon energy technologies and international collaboration in energy transition Guests (tbc): <ul style="list-style-type: none">● <i>Wang Yi</i>, Research Professor at the Institute of Science and Technology Strategy Consulting, Chinese Academy of Sciences● <i>Gu Jun</i>, Vice Dean of College of Smart Energy, Shanghai Jiao Tong University and State Power Investment Corporation● <i>Simon Sharpe</i>, Director of the Economic Sector, UNFCCC Climate Champions● <i>Zhu Liyang</i>, President of China Circular Economy Association● <i>Qiang Liu</i>, Director, Climate and Deputy Chief Representative China, Children's Investment Fund Foundation● <i>Bai Quan</i>, Director of Energy Efficiency Center, Energy Research Institute of Chinese Academy of Macroeconomics Research

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