



# Energy Transition with Carbon Neutrality Scenario

The 10<sup>th</sup> Conference of Global Forum on Energy Security

*and*

# Working together for Green Belt and Road

The Opening of the 4<sup>th</sup> International Seminar on BRI and Low-carbon Energy

## **Hosted by:**

Chinese Academy of Social sciences (CASS)

## **In Partnership with:**

International Energy Charter (IEC)

United States Energy Security Council (USESC)

Institute for the Analysis of Global Security (IAGS)

London Energy Club (LEC)

Institute of Quantitative & Technological Economics (IQTE), CASS

## **Co-organized by:**

MIIT Advisory Board of Methanol Automobile Promotion and Application

## **Supported by:**

Shenzhen UAV Industry Association

Grand Isle LNG

PIESAT International Information Technology Limited

Convention Center, Beijing International Hotel

October 18, 2021

The COVID-19 pandemic has affected the global economy, including energy markets, for nearly 2 years. Oil prices dropped to a low and rebounded to around \$70 recently. With the active response of various countries, the world economy has gradually stabilized.

Since the beginning of pandemic, major changes took place in the world. China has gotten the pandemic basically under control, and its economic recovery is strong. On September 22, 2020, President Xi Jinping pledged at the United Nations that China will achieve peak carbon emissions before 2030 and achieve carbon neutrality before 2060, pointing out a new direction for China's energy development.

During the "14th Five-Year Plan" period, China's ecological civilization construction is to enter a period of carbon reduction and green economic transition. On April 30, 2021, President Xi Jinping asked governments at all levels to clarify the timetable, road map and construction timeline to promote the efficient use of resources as well as environmentally sound development.

China is the world's largest energy consumer and producer. It is undoubtedly a difficult task to achieve carbon peak and carbon neutrality in such a large energy system based on high-carbon fossil energy. The energy sector needs to deliver clean energy to families and industries, and contribute Chinese wisdom and solutions to global energy security and environmental stewardship.

The task is to secure the environmental sustainability of long-term competitiveness of China, and keep the robustness and resilience of the energy system. The key of this target is how to optimize the use of domestic and international resources, optimize the energy supply and consumption mix through industrial technological innovation, realize the diversification and greening of energy supply, and improve energy efficiency. Multiple goals such as system safety and robustness and smart energy services will ensure the long-term development momentum and international competitiveness of China's economy.

At the same time, we must also pay attention to the new changes in the international political, economic, and energy situation, and keep an eye on the new situation, new opportunities, and new challenges facing China's energy security. China will strengthen cooperation with all partners in the world and make joint efforts to build an energy community with a shared future for mankind.

To this end, this forum invites senior experts in the energy field to discuss energy transition and investment under China's carbon neutral prospects, the Belt and Road Initiative, new changes in international energy geopolitics, and international in-depth discussions on important topics such as the oil and gas market.

# AGENDA

## Global Forum on Energy Security 2021

### Energy Transition with Carbon Neutrality Scenario

Grand Hall B, Convention Center, Beijing International Hotel

October 18, 2021

(With simultaneous translation between Chinese and English)

**9: 00-10: 30**

#### **Session 1: Opening remarks and keynote speeches**

**Video: 10 years of Global Forum on Energy Security**

#### **Opening remarks**

*Chair: Prof. Li Xuesong, Director General, Institute of Quantitative & Technical Economics, CASS*

- Prof. GAO Peiyong, Associate President of Chinese Academy of Social sciences
- H.E. Dr. Urban Rusnák, Secretary General, International Energy Charter (online) (TBC)
- Mr. William ZHANG Yi, Chairman of EU China Municipal Development Commission (ECMDC)
- Mr. Mehmet Ogutcu, Chairman of Bosphorus Energy Club (Turkey); Chairman of London Energy Club (online)
- Dr. Gal Luft, Co-Director of Institute for the Analysis of Global Security and Senior Adviser of the United States Energy Security Council (online)
- Mr. Yang Yang, Executive Deputy Secretary-General, Shenzhen UAV Industry Association and World UAV Federation; Managing Director of CPS Network

#### **Keynote speeches**

- Prof. MAO Zongqiang, Vice chairman of the International Association for Hydrogen Energy (IAHE) , Professor of the Institute of Nuclear and New Energy Technology of Tsinghua University

**Group Photo Coffee Break 10:30 -10:45**

**10:45-12:00**

#### **Session 2**

*Chair:* Mr. HAN Shengjun, Director of Research Administration, IQTE-CASS

## **Special reports: Toward a carbon neutral energy system and The Issuance of Blue Book of Oil and Gas Industry 2021**

- Academician JIN Zhijun, Director, Institute of Energy at Peking University (online)
- Dr. WANG Pei, Head of Research & Strategy, Unipec, a Subsidiary of Sinopec
- Prof. SUN Bogang, School of Mechanical Engineering, Beijing Institute of Technology
- Prof. ZENG Ming, Director of the Research Center of Energy Net at North China Electric Power University
- Dr. LIU Qiang, Secretary General of Global Forum on Energy Security; Director of Energy Division, IQTE-CASS

**Lunch 12:00-13:00 (Sky Cafe, Main Building of BIH)**

**13:00-14: 40**

## **Session 3**

### **Carbon Neutral Energy transition: routes and technologies**

*Chair: Dr. LIU Qiang, Secretary General of Global Forum on Energy Security*

- Mr. WEI Anli, Secretary General and Deputy Director, MIIT Advisory Board of Methanol Automobile Promotion and Application
- Dr. WANG Hao, Vice GM, PIESAT International Information Technology Limited
- Ms. Anne Korin, Co-Director of Institute for the Analysis of Global Security and Senior Adviser of the United States Energy Security Council (online)
- Prof. XIANG Yan, School of Space and Environment, BeihangUniversity
- Dr. R. M. Shivers, Chairman, Grand Isle LNG
- Dr. Anthony Yuen, Managing Director & Head of Commodities, Pan-Asia Citi Research
- Mr. CHEN Gang, Vice GM of Shanghai Palcan Energy Corporation
- Ms. Michelle Xu, Project manager, PowerCell Fuel Cell (Shanghai) Co.Ltd.

**Coffee Break 14:40 -15:00**

15:00-17:00, Oct. 18, 2021

## Working together for Green Belt and Road

**The Opening of the 4<sup>th</sup> International Seminar on BRI and Low-carbon Energy**

*and*

### **Workshop for Carbon-neutralizing Industries and Investment**

Hosted by

The Silk Road Academy of Chinese Academy of Social sciences  
The Institute of Quantitative and Technical Economics, Chinese Academy of Social sciences

In partnership with

European Union Chamber of Commerce in China  
Shandong Institute of Hydrogen Energy Technology

### **15:00-15:20 Opening Ceremony**

*Chair:* Prof. LI Haijian, Associate Director of IQTE-CASS

#### **Opening remarks:**

- Mr. XU Zhonghua, National Chair of Energy Working Group, European Chamber; Vice President, TotalEnergies R&D for Asia
- Hon. SUN Xiansheng, Director General, Energy Industry Cooperation Committee of China Council for International Investment Promotion (CCIIP) & Former Secretary General, International Energy Forum

### **15:20-16:05**

#### **Session 1 Geopolitics and Global Energy Market**

*Chair:* Dr. LIU Qiang, Secretary General of Global Forum on Energy Security

- Prof. Murat Yülek, Rector of OSTIM Technical University (Tur key)
- Dr. Kevin Tu, Senior Advisor China, Agora Energiewende & Research Fellow at the Center on Global Energy Policy of Columbia University
- Dr. Gal Luft, Co-Director of Institute for the Analysis of Global Security and Senior Adviser of the United States Energy Security Council (online)

**16:05-16:50**

## **Session 2 Industries and Investment**

*Chair:* D r. ZHANG Zhen, Executive Director of China EV100 Hydrogen Center

- Mr. CHEN Weidong, Chairman of DFS Energy Consultant (Beijing) Limited
- Shaikh Muhammad Shaliq, Chief Representative in China, National Bank of Pakistan
- Mr. LI Jijun, Director of Energy Information, Think Tank of Economy and Energy of China Economic Information Service
- Dr. R. Bishoen , China Representative & Global Business Development, Grand Isle LNG

**16:50-17:00**

**Closing remarks**