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## **SECOND IEF INDUSTRY ADVISORY COMMITTEE WORKSHOP**

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**THEME**  
**ENERGY TRANSFORMATIONS  
AND OIL & GAS STRATEGIES**

31 July 2018

**CNPC Research Institute of Petroleum Exploration and Development  
Science and Technology Conference Center**

20 Xueyuan Road, Haidan District 100083  
Beijing, China



## Introduction

The Second IEF Industry Advisory Committee (IAC) Workshop will contribute toward the understanding of energy evolutions in China and the promise they hold informing the IEF global energy dialogue on the future of global energy security and orderly energy transitions, including how energy efficiency and clean technologies will deliver sustainable and inclusive growth to the world.

The Second IEF IAC Workshop, co-hosted by the Chinese National Petroleum Corporation Research Institute of Petroleum Exploration and Development (CNPC RIPED), aims to focus debate on oil and gas market functioning with leading senior level experts from the industry, together, and in accordance with proposals from IEF member countries to address how technology, innovation, and new policies affect the oil and gas sector. The meeting follows on the first IEF Industry Advisory Committee Workshop that was held in collaboration with the United States Energy Association (USEA) in Washington D.C. on 27 February 2018.

Panelist views and roundtable discussions will be governed by the Chatham House Rule and guided by

### 3 Key Questions:

1. How are oil and gas supply and demand balances evolving; what promise does new energy technology and policy development hold for the world?
2. What new value propositions do new oil and gas technologies offer for industry, for healthy and inclusive growth in China, and beyond?
3. Which energy technologies and policies are driving energy transformations across regions; how do they affect global energy security and the achievement of shared goals?

## AGENDA

13:30

### WELCOMING & OPENING REMARKS

- Dr Sun Xiansheng, Secretary General, IEF
- Dr Zhao Wenzhi, President, RIPPED

### SPECIAL GUESTS

- H.E. Li Fanrong, Deputy Administrator of the National Energy Administration (NEA), China
- Senior Representative from CNPC

14:00 - 15:30

### PANEL SESSION I - ENERGY TRANSFORMATIONS AND GLOBAL OIL & GAS STRATEGIES

- *How do market policies influence global oil and gas strategies?*
- *Where are energy efficiency, clean technologies and digitalisation priority?*
- *What lessons can be drawn from gas market trends in Asia, and beyond?*

**Moderated by Amos Hochstein**, Senior Vice President, Marketing, Tellurian

### PERSPECTIVES FROM SPEAKERS (7 MINUTE INTERVENTIONS)

#### Energies' New Value Propositions for Industrial Growth in Asia

**Ivan Marten**, Senior Partner and Managing Director, Vice Chairman Energy Practice, The Boston Consulting Group (BCG), IEF Knowledge Partner

#### A U.S. Perspective

**Frank Fannon**, Assistant Secretary of State for the Bureau of Energy Resources (ENR), Department of State, United States of America

#### Energy Demand-Supply Shifts; Implications for Trade Flows and Financial Markets

**Christof Ruhl**, Global Head of Research, Abu Dhabi Investment Authority (ADIA)

#### Whole Basin Strategies: Transformation of the Upstream Oil & Gas Business

**Jerry Kepes**, Senior Vice President, Upstream Research and Analysis, IHS Markit

#### The Role of Technology: Enhancing Gas Supply Chain Resilience

**David Carroll**, President and Chief Executive Officer, Gas Technology Institute, Former President, International Gas Union (IGU) (2015-2018)

#### Thrive Through Energy Transition

**Kim Code**, Managing Director, Shell China Exploration & Production Co. Ltd.

### ROUNDTABLE DISCUSSION

## AGENDA

15:30 - 16:00	<b>NETWORKING COFFEE BREAK</b>
16:00 - 17:30	<p><b>PANEL SESSION II - CHINA'S OIL AND GAS UPSTREAM STRATEGY IN A CHANGING MARKET</b></p> <ul style="list-style-type: none"> <li>- <i>What is the global petroleum exploration situation?</i></li> <li>- <i>Where are international, national and service companies positioned?</i></li> <li>- <i>How have industry strategies evolved to respond to future demand?</i></li> </ul> <p><b>Moderated by Dr Kamel Ben Naceur</b>, Chief Economist, Abu Dhabi National Oil Company (ADNOC)</p> <p><b>PERSPECTIVES FROM SPEAKERS (7 MINUTE INTERVENTIONS)</b></p> <p><b>CNPC Oil &amp; Gas Exploration &amp; Development Situation, Tendency &amp; Strategies</b> <b>Zhao Wenzhi</b>, President, CNPC RIPED</p> <p><b>U.S.-China Energy Trade and Investment: Cooperation and Competition</b> <b>Barry K. Worthington</b>, Executive Director, United States Energy Association (USEA)</p> <p><b>Global Oil Trade Patterns and OPEC-China Cooperation</b> <b>Ayed Al Qahtani</b>, Director, Research Division, Organization of the Petroleum Exporting Countries (OPEC)</p> <p><b>Giant Gas Field Discovery and Exploration Prospect in Bohai Bay</b> <b>Xie Yuhong</b>, Chief Geologist, China National Offshore Oil Corporation (CNOOC)</p> <p><b>Reducing Oil Market Volatility in the New Energy Market Environment</b> <b>Robert McNally</b>, President, Rapidan Energy Group</p> <p><b>ROUNDTABLE DISCUSSION</b></p>
17:30 - 17:45	<p><b>CONCLUDING REMARKS</b></p> <ul style="list-style-type: none"> <li>- Dr Kamel Ben Naceur, Chief Economist, Abu Dhabi National Oil Company (ADNOC)</li> <li>- Amos Hochstein, Senior Vice President, Marketing, Tellurian</li> <li>- Dr Sun Xiansheng, Secretary General, IEF</li> </ul>
18:00	<b>BANQUET DINNER HOSTED BY CNPC</b>

## BACKGROUNDS

### INTERNATIONAL ENERGY FORUM (IEF)

The IEF fosters energy security and orderly transitions by building trust and confidence in global energy relations, enhancing foresight and transparency in the interest of stable energy market functioning. As the neutral facilitator of informal, open, informed and continuing global energy dialogue on energy security, energy market transparency and orderly transitions, the IEF covers six continents and accounts for around 90% of global supply and demand for oil and gas. The IEF comprises 72 member countries and works in close collaboration with energy producer and consumer organisations including the IEA and OPEC, and in the Joint Organisations Data Intuitive (JODI) with JODI Partners: APEC, Eurostat, GECF, IEA, OLADE, OPEC and the United Nations Statistics Division (UNSD). The Forum's biennial Ministerial Meetings are the world's largest gathering of Energy Ministers. Through the Forum and its associated events, IEF Ministers, their officials, energy industry executives, and other experts engage in a dialogue of increasing importance to global energy security. The IEF and the global energy dialogue are promoted by a permanent Secretariat of international staff based in the Diplomatic Quarter of Riyadh, Saudi Arabia. For more information visit [www.ief.org](http://www.ief.org)

### CHINESE NATIONAL PETROLEUM CORPORATION RESEARCH INSTITUTE OF PETROLEUM EXPLORATION AND DEVELOPMENT (CNPC RIPED)

The Research Institute of Petroleum Exploration and Development (RIPED) was established in 1958. It is the R&D center of China National Petroleum Corporation (CNPC) and PetroChina Company Limited (PetroChina). Its research activities cover almost all the areas in upstream petroleum business including strategic development planning for CNPC/PetroChina global upstream business, R&D for major fundamental applied theories and techniques, and E&P technical support for the company's oil/gas projects around the world. RIPED has made three important contributions to China's petroleum industry over the past six decades. It has been involved in petroleum exploration and development researches in most of the major onshore oil/gas fields in China and CNPC overseas joint E&P blocks. RIPED has never stopped developing the theoretical and technological systems for China's non-marine petroleum geology and oil/gas fields development. RIPED brought up a strong research team headed by 18 academicians of the Chinese Academy of Sciences (CAS) and the Chinese Academy of Engineering (CAE).

<http://riped.cnpc.com.cn/ripeden/>

