

## **Singapore-China Energy Forum 2014**

### **Opportunities and Challenges in China's Energy Development – Energy and Carbon Markets**

**Marina Mandarin Hotel, 2-3 October 2014**

Please complete the attached registration form and email it to Ms. Jan Lui at [esilyyj@nus.edu.sg](mailto:esilyyj@nus.edu.sg) or contact her for more details at +65 65162000.

#### **Abstract:**

The Chinese government is re-examining its energy development strategies together with its long-term economic strategies. There are many reforms occurring in China's energy markets, such as the electricity market, as well as the coal, oil and gas markets.

Besides the national energy/emission reduction targets set in the 12th Five Year Plan (12th FYP), China's State Council further announced the "12th Five-Year Plan for Energy Development" in January 2013. This plan clarifies national energy policy priorities through an ambitious set of infrastructure and market targets in the 12th FYP.

Starting from mid-2013, China's central government launched seven pilot emissions trading schemes, with the intend to establish a national-wide scheme in 2016 which will be the largest carbon market in Asia. Both of these energy and carbon market developments are important for China in its transition to an low-carbon society and will also have significant impacts on the regional and even global energy and carbon markets. The purpose of this Forum is to discuss the opportunities and challenges in China's energy and carbon markets developments, including (a) China's energy markets reform and their impacts; (b) China's carbon market developments and their impacts; and (c) China contributions to regional/global energy and carbon markets.

## **Programme:**

### **Day One (Vanda Ballroom): Thursday, 2 October 2014**

08:30-09:00 Registration

09:00-09:10 Welcome Address by Professor S.K. CHOU (邹绍强), Executive Director, Energy Studies Institute, NUS

#### ***Conference Session I: China's Energy Market Reforms and Their Impacts***

09:10-09:40 Professor FENG Lianyong (冯连勇), China University of Petroleum, China  
"Analysis and Expectations of the Natural Gas Market in China in the Context of Shale Gas Development"

09:40-10:10 Professor ZHANG Yue-Jun (张跃军), Hunan University, China  
"China's Crude Oil Futures and International Pricing Power"

10:10-10:40 Associate Professor ZHANG Lei (张磊), China University of Mining and Technology, China  
"China's Strategies of Coal Transportation and Electricity Transmission and Their Impacts on Regional Coal Markets"

10:40-11:00 Tea Break

11:00-11:30 Professor ZHANG Sufang (张素芳), North China Electric Power University, China  
"The Impact of Electricity Market Reforms on Wind Power Development in China"

11:30-12:00 Dr. LIU Xiyang (刘希颖), Xiamen University, China  
"China's Regional Electricity Market Reform"

12:00-12:30 Panel Discussions

12:30-14:00 Lunch

#### ***Conference Session II: China's Carbon Market Developments and Their Impacts***

14:00-14:30 Professor CHEN Shiyi (陈诗一), Fudan University, China  
"Marginal Abatement Cost and Carbon Taxation Reform in China"

14:30-15:00 Dr. Cyril CASSISA, Tsinghua University, China  
"Emissions Trading in China: Progress and Prospects"

15:00-15:30 Professor FAN Ying (范英), Institute of Policy and Management, Chinese Academy of Sciences, China  
"The Cost Effectiveness of Firms in ETS Pilots in China in Terms of Transaction Cost"

15:30-15:50 Tea Break

15:50-16:20 Dr. LIU Xianbing (刘宪兵), Institute of Global Environmental Strategies, Japan  
“Concerns and Responses of Chinese Businesses to the Pricing of Carbon Emissions”

16:20-16:50 Dr. Ajay GAMBHIR, Imperial College London, United Kingdom  
“China’s Technology Opportunities in a Low Carbon World”

16:50-17:20 Panel Discussions

**Day Two (Vanda Ballroom): Friday, 3 October 2014**

**Conference Session III: Contributions of China to Regional Energy and Carbon Markets**

09:10-09:40 Associate Professor Ruud EGGING, Norwegian University of Science and Technology, Norway  
“The Role of China in the Global Natural Gas Market”

09:40-10:10 Dr. Raymond LI, Hong Kong Polytechnic University, Hong Kong  
“The Integration of China into the World Crude Oil Market”

10:10-10:40 Dr. SHI Xunpeng (施训鹏), Energy Studies Institute, NUS, Singapore  
“Energy Market Integration in East Asia: Implications for China”

10:40-11:00 Tea Break

11:00-11:30 Prof. WANG Yao (王遥), Central University of Finance and Economics, China  
“Carbon Finance in China: Recent Experience and Future Prospects”

11:30-12:00 Dr. Alex LO (盧宇航), Griffith University, Australia  
“Carbon Sovereignty: Political Perspectives on China’s Engagement in Carbon Trading”

12:00-12:30 Panel Discussions

12:30-14:00 Lunch

**Workshop: *Frontiers of Energy and Carbon Markets Studies***

14:00-14:10 Opening Speech by Dr. Elspeth THOMSON, Senior Fellow and Head of Energy and the Environment, Energy Studies Institute, NUS

14:10-14:40 Mr. Beni Suryadi, ASEAN Centre for Energy, Indonesia  
“ASEAN’s Energy Situation and Growing Effort on CDM”

14:40-15:40 Panel Discussions-1

15:40-16:00 Tea Break

16:00-16:30 Professor Anthony David OWEN, Principle Fellow, Energy Studies Institute, NUS  
“Contemporary Issues for Low-Carbon Technologies in Liberalized Electricity Markets”

16:30-17:30 Panel Discussions-2

17:30-17:40 Concluding Remarks

**End of Programme**

# REGISTRATION FORM



## Singapore - China Energy Conference 2014

**Topic: China's Energy and Carbon Markets - Challenges and Opportunities**

**Date: 2 - 3 October 2014**

**Venue: Marina Mandarin Hotel, Vanda Ballroom**

Details of Participant		
Salutation (Prof/Dr/Mr/Ms):		
Full Name as in Passport (Underline Surname):		
Organisation:		
Designation:		
Mailing Address:		
Email Address:		
Contact Numbers: (Tel)	(Fax)	(Mobile)
Registration Fee & Payment Methods		
<i>(Please Tick Accordingly)</i>		
General Public (inclusive of lunch and 7% Goods & Services Tax)	SGD 642.00 per person	<input type="checkbox"/>
Academia/Students (inclusive of lunch and 7% Goods & Services Tax)	SGD 428.00 per person	<input type="checkbox"/>
<b>CHEQUE</b>		
Crossed cheque in Singapore Dollars made payable to NATIONAL UNIVERSITY OF SINGAPORE. Please mail your payment together with this registration form to Ms Jan Lui, Energy Studies Institute, 29 Heng Mui Keng Terrace, Block A #10-01, Singapore 119620.		
<b>CREDIT CARD</b>		
Cardholder's Name:		
Card Number:		CVV:
Expiry Date (MM/YY):	Amount (SGD):	
Signature (of Cardholder):	Date (DD/MM/YY):	VISA/Mastercard (Please circle)
Please complete this form and return it to Ms Jan Lui (esilyyj@nus.edu.sg).		
Remarks:		