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## CONFERENCE

### BELT AND ROAD INITIATIVE FOR ENERGY SECTOR IN ASEAN AND SINGAPORE:

#### Trends, Prospects, and Implications

25 May 2018, Singapore

This conference brings together relevant scholars and experts from China and Southeast Asia to discuss Chinese investment in the energy sector in ASEAN. In 2013, Chinese President Xi Jinping proposed the building of the New Silk Road Economic Belt and the 21<sup>st</sup> Century Maritime Silk Road – now collectively called the Belt and Road Initiative (BRI). In the Asian region, the BRI establishes a blueprint for Asia's future infrastructure development and Southeast Asia has a very important position in this blueprint. New opportunities and new challenges arise from BRI for ASEAN as a whole and for Singapore in particular. This conference will review BRI in the energy sector in ASEAN, assessing how it is being implemented, how successful is BRI likely to be in facilitating ASEAN's energy infrastructure building and what is the likely impact of Chinese investment on the energy sector of ASEAN and Singapore.

Topics to be covered include:

- Influential energy projects of Chinese companies in some ASEAN countries;
- Impacts of the energy projects on the local community and local economy;
- Chinese companies' investment to enhance energy connectivity in ASEAN;
- Benefits and challenges of an integrated ASEAN energy market for Southeast Asia and Singapore;
- Belt and Road Initiative in the East Asian regional order.

#### When

Friday, 25 May 2018  
9:15 am – 12:30 pm

#### Where

Juniper Room  
Orchard Hotel  
442 Orchard Road  
Singapore 238879

#### Admission

Free and open to public but advanced registration is required.

Click here to register:  
<http://esi.nus.edu.sg/e-registration>

#### Enquires

Ms. Jan Lui  
Tel: 6516 2000  
jan.lui@nus.edu.sg  
www.esi.nus.edu.sg

## CONFERENCE AGENDA

8:45 am-9:15 am **Registration**

9:15 am-9:30 am **Opening Address**

**Professor Ang Beng Wah**  
Executive Director  
Energy Studies Institute  
National University of Singapore

9:30 am-10:30 am **Session 1: Belt and Road Initiative, Energy Investment and Energy Market Integration**

Under the Belt and Road Initiative, Chinese investment can not only increase the energy capacity but also enhance the energy connectivity in ASEAN. It may facilitate ASEAN's energy infrastructure connectivity and energy market integration. It may also change the East Asian regional order. In this session, the panelists will provide the key findings from the one-day workshop held the day before the conference. They will talk about the following:

- Belt and Road Initiative and energy cooperation between China and Southeast Asia
- Opportunities and challenges of regional power interconnection in GMS (Greater Mekong Sub-region) and ASEAN
- Belt and Road, China's Rise and the East Asian Regional Order: A New Tributary System in the Making?

Q&A will take place in Session 2 after the tea break.

Moderator: Yao Lixia

Panel:

Liu Qiang  
Lei Xiaomeng  
Zhang Baohui

10:30 am-11:00 am **Tea Break**

11:00 am-12:25 pm **Session 2: Panel Discussion and Q&A**

In this panel, participants will further discuss the issues raised in the previous session. Additionally, they will shed light on Chinese investments in the energy sector in some individual Southeast Asian countries, including Cambodia, Malaysia, and Indonesia. The speakers will cover the impacts of the investments, the challenges, the problems as well as benefits and treats brought about by an integrated ASEAN energy market for Singapore. They will also take questions from the audience.

Moderator: Shi Xunpeng

Panel:

Chea Socheat  
Beni Suryadi  
Sabar Bin Md Hashim  
Liu Qiang  
Lei Xiaomeng  
Zhang Baohui

12:25 pm-12:30 pm **Closing Remarks**

Philip Andrews-Speed

12:30 pm **End of Conference**

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**Contact Person**

Dr. Yao Lixia  
Energy Studies Institute, NUS  
esiyaol@nus.edu.sg

## **PARTICIPANTS**

### **Philip ANDREWS-SPEED, PhD**

**Senior Principal Research Fellow and Head of Energy Security Division,  
Energy Studies Institute, National University of Singapore, Singapore**

Dr. Philip Andrews-Speed has 35 years in the field of energy and resources, starting his career as a mineral and oil exploration geologist before moving into the field of energy and resource governance. Until 2010 he was Professor of Energy Policy at the University of Dundee and Director of the Centre of Energy, Petroleum and Mineral Law and Policy. His main research interest is the political economy of energy and resource governance, at national, regional and global scales.

### **CHEA Socheat**

**Deputy Director General, General Department of Petroleum  
Ministry of Mines and Energy, Cambodia**

Mr. Chea Socheat is currently Deputy Director General of General Department of Petroleum, Ministry of Mines and Energy of Cambodia. He received an Engineer Degree in Hydrogeology and Engineering Geology from the Technical Institute of Cambodia, Professional diploma in statistics from United Nation Institute of statistic for Asia and Pacific in Tokyo, Post Graduated Diploma in Management and Planning of Water Resources from Stuttgart University in Germany and the M.Sc. in Energy Study from the University of Dundee in United Kingdom. He has been active in the area of energy especially petroleum management and exploration, hydrogeology, geology, mineral exploration for over 20 years. His experience is specific on energy and mineral exploration consultancy in Cambodia. His current research involves the energy sector, especially in petroleum policy and management in Cambodia.

### **LEI Xiaomeng**

**Senior advisor on Regional Power Interconnection  
China Electricity Council, China**

Mr. Lei Xiaomeng has worked for China Electricity Council recently as a Senior Advisor on Regional Power Interconnection since 2016. He worked for China Yangtze Power Co. Ltd (CYPC), a power generation company, as a vice chief engineer from 2003 to 2016. His scope of work in the company covered economic assessment of large hydropower projects, PPA negotiation, electricity markets analysis and overseas investment business. He worked on transmission system operation and power development planning in State Grid Corporation of China from 1982 to 2001. He was a member of C2(system operation) study committee of CIGRE (the Council on Large Electric Systems) and has been working in some working groups until now. He is also a working group member of Regional Power Trading Committee of GMS region.

**LIU Qiang, PhD****Director of Energy Economics Division, Institute of Quantitative & Technical Economics at Chinese Academy of Social Sciences (CASS), China**

Dr. Liu Qiang is the Co-chair and Secretary-General of Global Forum on Energy Security based at Beijing, China. He holds a PhD of economics from the Graduate School of Chinese Academy of Social Sciences. He works for Chinese Academy of Social Sciences since 2004, he has been the Director of Energy Economics Division, Institute of Quantitative & Technical Economics at Chinese Academy of Social Sciences (CASS) since 2014, and is the deputy director of the division since 2010. Qiang is a consulting expert for United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) on energy and Belt & Road Initiative. Qiang is also a Professor at Graduate School of Chinese Academy of Social Sciences since 2008. Qiang was a visiting scholar at the School of Advanced International Studies of John Hopkins University at Washington D.C., focusing on Sino-American economic interaction.

**SABAR Md Hashim****TNB Special Officer, Economic Planning Unit,  
Prime Minister's Department, Federal Government, Malaysia**

Mr. Sabar has served Tenaga Nasional Berhad (TNB), the premier power utility of Malaysia, since 1987. He obtained his B.Sc. (Electrical Engineering) from George Washington University in 1987 and his MBA from Ohio University, USA in 1996. Since 1998, through secondment, he has been fortunate to serve the Government in both energy and non-energy related work. From 1998-2001, he was part of the Independent Grid System Operator task force team in Energy section, Economic Planning Unit, Prime Minister's Department. Later, he was seconded successively to National Economic Action Council, (2003-2005), National Implementation Directorate (2005-2007) and later Malaysian Development Institute, (2007-2008) and Energy Section (since 2013), all in the Prime Minister's Department. During those stints, his focus areas have been in national energy planning, strategic research, economic monitoring (Far East, Middle-East etc.), policy-making, wealth-creation, and nation-building studies as well as preparing economic dossiers for the Ministers. He has also participated in international and domestic conferences in energy-related issues (especially energy security, sustainability and nuclear energy), and contributed articles to international and domestic journals. In his leisure, he enjoys taking up interests in economics, nation-building, geopolitics, and civilisational dialogs among other things.

**SHI Xunpeng, PhD****Principal Research Fellow, University of Technology Sydney, Australia  
Adjunct Senior Research Fellow, Energy Studies Institute, National University of Singapore**

Dr. Shi Xunpeng is a Principal Research Fellow at the Australia-China Relations Institute, University of Technology Sydney and an Adjunct Senior Research Fellow at the Energy Studies Institute (ESI), National University of Singapore. He is also serving as President of the Chinese Economics Society Australia (CESA) and an Associate Editor of Journal of Modelling in Management. He was the Deputy Head of Energy Economics Division at ESI from July 2015 to December 2016. Previously, he was the Chief Researcher for EE&C at the Brunei National Energy Researcher Institute. Until 2013, he was an energy economist in the Economic Research Institute for ASEAN and East Asia (ERIA). Prior to starting his PhD study in 2006, Xunpeng had various management and professional positions in China's leading energy institutes and central government agencies. Xunpeng is active in the East Asia's energy community, and a frequent speaker on China, ASEAN and East Asia energy issues.

**Beni SURYADI****Manager, Policy and Research Analytics (PRA)****ASEAN Centre for Energy (ACE), Indonesia**

Mr. Beni Suryadi leads the research arm of ACE to fulfil its function as a regional centre of excellence that builds a coherent, coordinated, focused and robust energy policy agenda and strategy for ASEAN. He provides policy recommendation for the region in achieving its goals under the umbrella of the ASEAN Plan of Action for Energy Cooperation (APAEC) 2016-2025 – the energy blueprint of the ASEAN Economic Community (AEC) – which was launched at the 33<sup>rd</sup> ASEAN Ministers on Energy Meeting (AMEM), October 2015 in Kuala Lumpur, Malaysia. His recent works are, among others, the RE Outlook for ASEAN – a REmap Analysis in cooperation with the International Renewable Energy Agency (IRENA), ASEAN Power Cooperation Report that was released at the 3<sup>rd</sup> East Asia Summit Clean Energy Forum in Kunming, China on 3 July 2017, and the ACE flagship publication; the 5<sup>th</sup> ASEAN Energy Outlook (AEO5) which was launched at the 35<sup>th</sup> ASEAN Ministers on Energy Meetings (AMEM), September 2017 in Manila, provides policy makers with an understanding of the energy trends and challenges being faced by the region up to the year 2040.

**YAO Lixia, PhD****Research Fellow, Energy Studies Institute, National University of Singapore, Singapore**

Dr. Yao Lixia joined ESI in October 2013. She did her PhD at the S. Rajaratnam School of International Studies, Nanyang Technological University in Singapore. She has a Bachelor's degree from Dalian Maritime University, China, and a Master's degree from Vrije Universiteit Brussel in Belgium. She has done research on the quantitative measurement of energy security, the impacts of China's macroeconomic reforms on its energy sector, and the energy security and energy policies of Southeast Asia. She has been leading a research project on energy security of East Asian economies including South Korea, Japan, Taiwan and Singapore. Her current research covers China's Belt and Road Initiative, focusing on Chinese investment in the energy sector in Southeast Asia.

**ZHANG Baohui, PhD****Professor of Political Science and Director of Centre for Asian Pacific Studies,  
Lingnan University, Hong Kong**

Dr. Zhang Baohui is Professor of Political Science and Director of Centre for Asian Pacific Studies at Lingnan University in Hong Kong. He received his B.A. from Foreign Affairs University in Beijing and Ph.D. in Government from the University of Texas in Austin. His main research interests include China's foreign policy, nuclear deterrence, Sino-US security relations, and Hong Kong's political development. He has published articles in journals such as Comparative Political Studies, Governance, International Affairs (Chatham House), Asian Survey, Pacific Affairs, Comparative Strategy, Theory and Society, Democratisation, and Journal of Contemporary China. He is also the author of China's Assertive Nuclear Posture: State Security in an Anarchic International Order (Routledge) and Revolutions as Organisational Change: The Communist Party and Peasant Communities in South China, 1926-1934 (Hong Kong University Press). His current research examines the drivers of China's grand strategy. He is writing a book manuscript that uses structural realism to explain the evolution of China's grand strategy since the end of the Cold War. His views are frequently solicited by The New York Times, CNN, Bloomberg News, Reuters, The South China Morning Post, The Japan Times, and Sputnik News.