

Draft Programme
International Conference
Renewable Energy Asia 2016
Energy Transition for ASEAN Future

1 June 2016
BITEC, Bangkok, Thailand

Co – organized by:



Opening Session:

08.30 - 09.00	Arrival of Guests & Registration
09.00 - 09.05	Report on the Objective of Event in 2016 (TBC) UBM
09.05 - 09.10	Report on the Objective of the 12th Renewable Energy Asia Conference 2016 (REAS2016): Energy Transition for ASEAN Future (TBC) Assoc. Prof. Dr. Sirintornthep Towprayoon, Director of the Joint Graduate School of Energy and Environment (JGSEE) and Center of Excellence on Energy Technology and Environment (CEE PERDO), King Mongkut's University of Technology Thonburi, Thailand
09.10 - 10.00	Speech of Minister of Energy
10.15 - 10.30	Coffee Break

Plenary Session:

Chairman:	Assoc. Prof. Dr. Bundit Fungtammansan, Senior Vice President for Research & Innovation, King Mongkut's University of Technology Thonburi, Thailand
10.30 – 11.10	ASEAN Energy Future and Challenges Ir. Dr. Sanjaya Velautham, Executive Director, ASEAN Centre for Energy, Indonesia
11.10 – 11.40	More is less - why stopping Wastefulness is the (only) Chance Prof. Roland Dieterle, Professor, The Hochschule fur Technik in Stuttgart, Germany
11.40 – 12.10	Future RE market in the Philippine – the framework for successful RE development Mr. Mario Marasigan, Renewable Energy Management Bureau, Department of Energy, the Philippines
12.10 – 13.30	Lunch

Afternoon: Parallel Sessions

Session I: Sustainable Buildings: Integrated Design of Architecture and Engineering

Chairman:	Dr. Robert Himmler, The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi, Thailand
13.30 – 14.00	Smart Cities & Smart Buildings - a new era for Designers & Engineers Prof. Roland Dieterle, Professor, The Hochschule fur Technik in Stuttgart, Germany
14.00 – 14.30	Innovative Energy Concepts for Buildings in Tropical Climates Mr. Gregers Reimann, Managing Director of IEN Consultants, Kuala Lumpur, Malaysia
14.30 – 15.00	Coffee Break
15.00 – 15.30	Pruksa+: A Sustainable Single Family Home in Energy Plus Standard Dr. Martin Schoch, School of Management Technology (SoMT) of Shinawatra University, Thailand
15.30 – 16.00	Best Practices for Achieving Deep Lighting Energy Savings, a California Perspective Towards Zero Net Energy Prof. Michael Siminovitch, Arthur H. Rosenfeld Chair University of California, Davis, United States of America
16.00 – 16.15	Low-E Glass for Hot Climate Glazing Mr. Panya Tantisuwichwong, AGC Flat Glass (Thailand) Public Co., Ltd.
16.15 – 16.30	Innovative Thermal Insulation for Energy efficient buildings Mr. Thanaporn Charupa, Gyproc

Session II: Sustainable Bio-economy

Chairman:	Assoc. Prof. Dr. Suneerat Fukuda, The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi, Thailand
13.30 – 14.00	Value-adding to biomass in the sugar industry: A global perspective A/Prof. Ian O'Hara, Queensland University of Technology (QUT), Australia
14.00 – 14.30	Towards the Bio-based Economy: Global and Regional Challenges Assoc. Prof. Dr. Tharapong Vitidsant, Head, Department of Chemical Technology, Faculty of Science, Chulalongkorn University, Thailand
14.30 – 15.00	Coffee Break
15.00 – 15.30	North-south Bioenergy Experience: Success and Failure Dr. Patrick Rousset, The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi, Thailand
15.30 – 16.00	Biomass RD&D for sustainable petroleum & petrochemical industry Dr. Chaya Chandavasu, Vice president, Science and Innovation, PTT Global Chemical, Thailand

16.00 – 16.30 **ASEAN Bioenergy Collaboration**
Representative from World Bank

Session III: PV, Wind and Storage

Chairman: Prof. Dr. – Ing. Christoph Menke and Dr. Athikom Bangwiwat, The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi, Thailand

13.30 – 14.00 **Photovoltaic Market Development in Asia**
Mr. Frank Haugwitz, Director, Asia Europe Clean Energy (Solar) Advisory (AECEA), China

14.00 – 14.30 **Update on PV Road Map Implementation in Thailand – Next Markets for PV**
Ms. Kulwaree Buranasajjawaporn, Director of Solar Energy Development Bureau, Department of Alternative Energy Development and Efficiency, Thailand

14.30 – 15.00 ***Coffee Break***

15.00 – 15.30 **Application of Energy Storage with Micro EMS in Micro-grid**
Mr. Weerayut Srithiam, Electricity Generating Authority of Thailand

15.30 – 16.00 **Wind Energy Evolution and Application in Low Wind Area - Applications in South East Asia**
Mr. Thierry Delmas, Director, GAMESA, Asia-Pacific-Oceania

16.00 – 16.30 **Distributed Energy: Disrupting the utility business model**
Mr. Daniel Gaefke, Managing Director, BayWa r.e. Solar Pte LTD and BayWa Thailand Ltd., Thailand

Session IV: Energy Efficiency in Industry (TBC)

Chairman: Assoc. Prof. Dr. Apichit Therdyothin, Dean, School of Energy, Environment and Materials (SEEM), King Mongkut's University of Technology Thonburi, Thailand

13.30 – 14.00 **Policy for Industrial Energy Efficiency in Thailand**
Representative from Department of Alternative Energy Development and Efficiency, Ministry of Energy, Thailand

14.00 – 14.30 **Potential Technologies for Energy Efficiency in industry**
Prof Dusan Gvozdenac, University of Novi Sad, Faculty of Technical Sciences Department of Energy and Process Engineering, Novi Sad, Serbia

14.30 – 15.00 ***Coffee Break***

15.00 – 15.30 **Funding for Energy Efficiency in industry**
By Mr. Arthit Vechakij, President, Thai ESCO Association

15.30 – 16.00 **Thailand Energy Award in buildings**
Representative from Phayathai Hospital, Thailand

16.00 – 16.30 **Thailand Energy Award in Industry**
Representative from Toyota Bang-Bor (TMAP)

Session V: Innovative Solution for Waste to Energy

Chairman: Assoc. Prof. Dr. Sirintornthep Towprayoon and Dr. Komsilp Wangyao, The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi, Thailand

13.30 – 14.00 **Waste Management Technology in Korea with MRF and SRF Systems**
TBC

14.00 – 14.30 **TBC**
Japan

14.30 – 15.00 ***Coffee Break***

15.00 – 15.30 **Financial Support on Waste to Energy Investment**
Ms. Kittayamon Paocharoen, Asian Development Bank, Thailand

15.30 – 16.00 **View from Solid Fuel Buyer**
Mr. Visut Chongcharoenkit, The Siam Cement Public Company Limited (SCG), Thailand

16.00 – 16.30 **ASEAN Experience from Thailand**
Mr. Somchai Lertisettheerakul, Managing Director, GIDEC Co. Ltd. Thailand

16.30 – 18.00 Visit Exhibition

18.00 – 20.00 **Networking Party**
Welcome remark by
Dr. Twarath Sutabutr, Director-General, Energy Policy and Planning Office, Ministry of Energy, Thailand