International Conference
Renewable Energy Asia 2017
Moving Towards ASEAN’s Smart Cities

7 June 2017
BITEC, Bangkok, Thailand
www.renewableenergy-asia.com
Co – organized by:

Opening Session:

08.30 - 09.00  Arrival of Guests & Registration

09.00 - 09.05  Report on the Objective of ASEAN Sustainable Energy Week and Thai Water Expo 2017
Mr. Manu Leopairote, Chairman of UBM Asia (Thailand) Co Ltd

09.05 - 09.10  Report on the Objective of Organising International Conference - Renewable Energy Asia Conference and Water Forum
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 - 09.15  Report on the Objective of Organising CEO Energy Talk
Mr. Sanan Angubolkul, Vice Chairman of Board of Trade of Thailand

09.15 - 09.20  Welcoming Remark
President of Thailand Convention and Exhibition Bureau (TCEB)

09.20 - 09.55  Opening and Keynote Address on “Smart Energy in Thailand – What chances Thailand has to benefit from worldwide ongoing energy developments”
H.E. General Anantaporn Kanjanarat , Minister of Energy, Ministry of Energy, Thailand

09.55 - 10.30  Coffee Break
Plenary Session (GH203)

Chairman: Assoc. Prof. Dr. Bundit Fungtammansan, Senior Vice President for Research & Innovation, King Mongkut’s University of Technology Thonburi, Thailand

10.30 – 11.00 EV and Storage as Part of Thailand’s Energy Future
Dr. Twarath Sutabutr, Director-General, Energy Policy and Planning Office, Ministry of Energy

11.00 – 11.30 How to Move to Smarter and Sustainable Cities
Prof. Ralph E H Sims, Professor Massey University, New Zealand and STAP Scientific and Technical Advisory Panel, UNDP/GEF

11.30 – 12.00 ASEAN Smart Cities – Drivers and Challenges
Mr. Juergen Bender; Managing Director, Bender-IS Co., Ltd, Bangkok, Thailand

12.00 – 13-30 Lunch

Afternoon: Parallel Sessions

Session I: Green Buildings: More than Energy Efficient! (Meeting Room: MR211)

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 DGNB System - the European approach to sustainable buildings and cities
Dr. Christine Lemaitre; CEO of German Sustainable Building Council

14.00 – 14.30 Development of SMART City - Clean Energy project in Thailand
Mr. Kamol Tanpipat, Thai Green Building Institute (TGBI), Thailand

14.30 – 15.00 Coffee Break

Mr. Florian Schumacher & Ms. Jirapa Kamsamrong; Bangkok, Thailand

15.30 – 16.00 ESD: Sources of Design
Mr. Srudej Bunnag / A49 Architects

16.00 – 16.30 Phi Suea House – A World’s First in Solar-Hydrogen Residential Development
Mr. Jan-Justus Schmidt, Thailand
**Session II: PV, Wind and Smart Grid** (Meeting Room: MR212)

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

13.30 – 14.00  
**What Can Wind Technology Nowadays do for ASEAN’s Smart Energy Future?**  
Dipl.-Ing. Eric Effern, Division Manager R&D - Loads - Power Quality, Windtest Grevenbroich gmbh, Germany

14.00 – 14.30  
**Smart Grid Options for Utilities in ASEAN**  
Mr. Constantin Ginet, Siemens AG, Germany

14.30 – 15.00  
**Coffee Break**

15.00 – 15.30  
**Smart Grid Pilot Project in Mae Hong Son Province**  
Mr. Tawatchai Sumranwanich, Electricity Generating Authority of Thailand (EGAT)

15.30 – 16.00  
**Renewable Energy Options for Corporates: Creating a Roadmap to Meet RE Targets**  
Mr. Tor Pramoj, BayWa r.e. (Thailand) Co., Ltd., Thailand

16.00 – 16.30  
**The Rising Waves of the Floating PV Applications**  
Ciel & Terre International, France

**Session III: Electric Vehicle and Storage** (Meeting Room: MR213)

Chairman: Dr. Yossapong Laoonual, King Mongkut’s University of Technology Thonburi, Thailand

13.30 – 14.00  
**Successful European Policies for EV Adoption and Smart Charging Infrastructure.**  
Mr. Roland Steinmetz, Founder, EVConsult, Netherlands

14.00 – 14.30  
**Review of Energy Storage Technology**  
Dr. Pimpa Limthongkul, Head Lab, Electrochemical Materials and System Laboratory, Materials for Energy Research Unit, MTEC, Thailand

14.30 – 15.00  
**Coffee Break**

15.00 – 15.30  
**Benefits of Energy Storage Integrated DC Fast Charging**  
Mr. Terence Siew, Greenlots, Singapore

15.30 – 16.00  
**The First Electric Vehicle Sharing Experience in Thailand**  
Dr. Vasin Kiattikomol, Lecturer, Transport Engineering Division, Department of Civil Engineering, King Mongkut’s University of Technology Thonburi, Thailand

16.00 – 16.30  
**Smart Energy System; Integrating Renewable and Grid Usage through Autonomous Battery Control.**  
Mr. Makoto Fujita, Expert, Murata Manufacturing Co., Ltd., Japan
Session IV: Bio-Energy (Meeting Room: MR214)

Chairman: Dr. Patrick ROUSSET, The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut’s University of Technology Thonburi, Thailand

13.30 – 14.00 Charcoal Production and Cogeneration at Industrial Scale, a New Eco-Friendly Technology
Mr. Pierre SOLER-MY, CEO, CARBONEX, France

Mr. Anuwat Ruthaiyanon, CEO, C.Gigantic Carbon Co., Ltd., Thailand

14.30 – 15.00 Coffee Break

15.00 – 15.30: Raw Biomass Pellets and Torrefied Pellets, which Technologies for which Market?
Dr. Weerachai Limpornchaijareorn, Chief Operation Officer, Power Pellet Co., Ltd., Thailand

15.30 – 16.00 Nama Project in Cambodia; Charcoal Chain Production
Mr. Yann FRANCOIS, Technical Advisor - Climate and Development Sector, GERES - Group for the Environment, Renewable Energy and Solidarity, Cambodia

16.00 – 16.30 Cassava bioethanol: The Thai experience and South-South Technology Transfer to LMV
Mr. Supalerk Kanasook, UN Industrial Development Organization – UNIDO

Session V: Effective Energy from Waste for Smart City (Waste / Bio-Energy for City) (Meeting Room: MR215)

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

13.30 – 14.00 Waste Management for Smart City
Mr. Shiko Hayashi, Institute for Global Environmental Strategies-IGES, Japan

14.00 – 14.30 Energy from Waste – Realising Multiple Benefits
Dr. Verena Streitferdt, ERK Eckrohrkessel GmbH, Germany

14.30 – 15.00 Coffee Break

15.00 – 15.30 Transforming to Low Carbon City with Solid Waste Management
Dr. Paweena Panichayapichet, Thailand Greenhouse Gas Management Organization (Public Organization), Thailand

15.30 – 16.00 From Plastic Scrap to Smart Plastic and Smart Factory
Mr. Seah Kian Hoe Founder, Heng Hiap Industry, Johor, Malaysia

16.00 – 16.30 Opportunity of Waste to Energy in the Big City
Mr. Jetapon Aimmanee, Green Conservation Solution Co., LTD, Thailand

18.00 – 20.00 Networking Party

Revised by 30 May 2017