

3rd
BOOGAS
 ASIA PACIFIC FORUM

DEVELOPING A BIOGAS HUB IN COMMERCIALIZING BIOGAS FOR ASIA

02 – 04 JUNE 2014 | JW MARRIOTT HOTEL, KUALA LUMPUR, MALAYSIA



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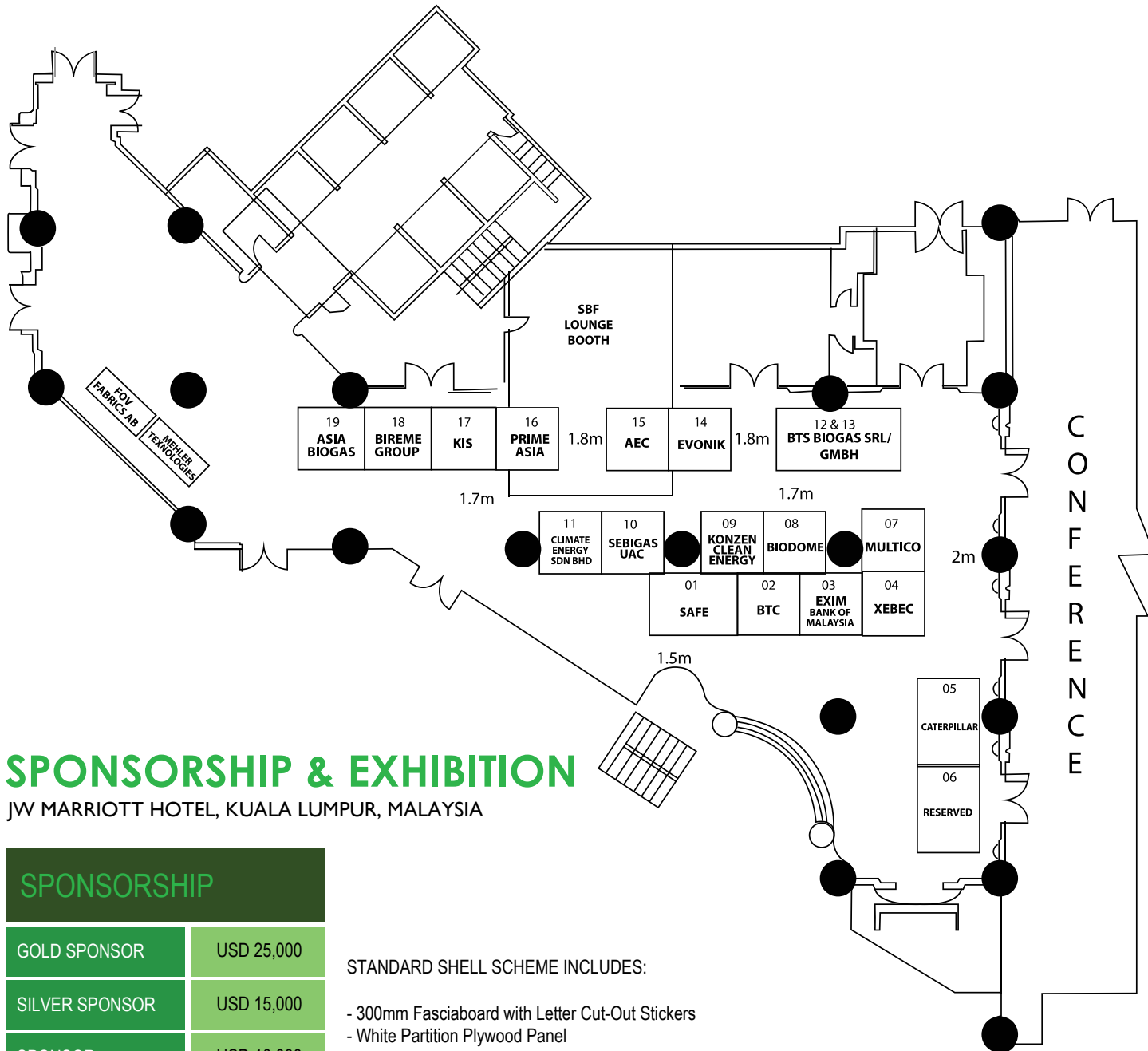


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02 – 04 JUNE 2014 | JW MARRIOTT HOTEL, KUALA LUMPUR, MALAYSIA

DEVELOPING A BIOGAS HUB IN COMMERCIALIZING BIOGAS FOR ASIA

FLOORPLAN JW MARRIOTT HOTEL, KUALA LUMPUR, MALAYSIA



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JW MARRIOTT HOTEL, KUALA LUMPUR, MALAYSIA

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STANDARD SHELL SCHEME INCLUDES:

- 300mm Fasciboard with Letter Cut-Out Stickers
- White Partition Plywood Panel
- 2 x Stacking Chairs
- 1 x Information Counter
- 1 x Waste Basket
- Booth Carpeting
- 2 x Fluorescent Lampsets
- 1 x Outlet (300 watts only, single phase)

CONFERENCE DAY ONE - 02 JUNE 2014

- 08:30 Registration
- 09:00 Opening Remarks
 Vincent Choy, *Director, ICESN*
- 09:15 **OPENING KEYNOTE: THE MALAYSIA BIOGAS MASTERPLAN: CREATING A COMMERCIAL BIOGAS HUB**
 Razwin Sulairee bin Hasnan Termizi, *Chief Operating Officer MALAYSIAN BIOTECHNOLOGY CORPORATION*
- 09:45 **BIOGAS OPPORTUNITY IN MUNICIPAL SOLID WASTE**
 Dr. Mohd Pauze Bin Mohamad Taha, *Director of Research Technology, Industrial and Construction Waste Division PPSPPA*
- 1005 **OPPORTUNITIES FOR COLLABORATION IN BIOGAS**
 Sivapalan Kathiravale, *Principal Analyst, Emerging Technology MIGHT (MALAYSIA INDUSTRY GOVERNMENT GROUP FOR HIGH TECHNOLOGY)*
- 10:30 Networking Coffee Break
- 10:45 Panel Discussion
FINANCING BIOGAS IN ASIA: OPPORTUNITIES AND CHALLENGES
 Moderated by:
 Vincent Choy, *Director ICESN*
 Panelists:
 Chairil Mohd Tamil, *Deputy President / Chief Business Officer EXIM BANK*
 Hwee Song Suan, *Senior International Account Manager CATERPILLAR ASIA*
 Mohd Sharizal Mustapah Kamil
Vice President of Business & Technology Advisory MALAYSIAN DEBT VENTURES (MDV)
- 11:45 **BIO-NATURAL GAS (BioNG) FROM PALM OIL MILL EFFLUENT (POME)**
 Azhar bin Abdul Raof, *Head of Renewable Energy Research Centre SIRIM*
- 12:15 Networking Lunch
- OPPORTUNITIES IN BIOGAS PRODUCTION**
- 13:30 **BIOGAS DEVELOPMENT IN THE MALAYSIAN PALM OIL INDUSTRY: STATUS, POTENTIAL, & FUTURE PROSPECT**
 Nasrin Abu Bakar, *Senior Research Officer MALAYSIAN PALM OIL BOARD*

- 14:00 **CASE STUDY: OPPORTUNITIES IN THAILAND'S ENERGY MARKETS FOR BIOGAS POWER**
 Marco Merlo Campioni, *Chief Executive and Technical Officer SEBIGAS UAC CO. LTD.*
- 14:30 **COMPARISON OF GROUND VS TOP MOUNTED BIOGAS HOLDER APPLICATIONS**
 Matthew Dickinson, *Operations Director BIODOME ASIA*
- OPPORTUNITIES IN POWER GENERATION**
- 15:00 **BIOGAS AS A TRULY RENEWABLE ENERGY SOURCE: GENERATING POWER THROUGH BIOGAS**
 Dr. John C Y Lee, *Sales Manager, Electric Power Division CATERPILLAR INC*
- 15:20 **BIOGAS PROJECTS – A LENDER'S PERSPECTIVE**
 Hwee Song Suan, *Senior International Account Manager CATERPILLAR ASIA*
- 15:40 Networking Coffee Break
- 16:00 **6 POME TO BIOGAS PROJECTS WITH ZPHB TECHNOLOGY**
 Dr. Jyothi Hadli, *Vice President - Sustainability & Green technologies KNOWLEDGE INTEGRATION SERVICES (SING) PTE LTD*
- 16:30 **ENERGY CROP; THE DRIVE TOWARDS THAILAND ALTERNATIVE ENERGY TARGETS**
 Pruk Aggarangsi, Ph.D., *Deputy Director Energy Research and Development Institute - Nakornping CHIANG MAI UNIVERSITY, THAILAND*
- 17:00 **DEVELOPMENT OF NEW MEDIA (FEEDSTOCK) FOR BIOGAS PRODUCTION**
 Prof. Dr. Ir. Maizirwan Mel (MMSET), *Biotechnology Engineering Department, Faculty of Engineering IUM MALAYSIA*
- 17:30 End of Conference Day One



CONFERENCE DAY TWO - 03 JUNE 2014

- 08:30 Registration
- 09:00 **UPDATES AND THE FUTURE DIRECTION OF THAILAND'S BIOGAS DEVELOPMENT PLANS**
Jariya Budnard, Engineer, Biogas Group Department of Alternative Energy Development and Efficiency (DEDE)
MINISTRY OF ENERGY, THAILAND
- 09:20 **THE IMPORTANCE OF HIGH-END COMPRESSION IN BIOGAS UPGRADING**
Jonas Giuliani, Asia Pacific Markets Development Manager
SAFE S.P.A.
- 09:50 **TRENDS IN BIOGAS COMMERCIALIZATION**
Mark Leslie, CEO
ALTERNATIVE ENERGY CORPORATION
- 10:20 **EVOLVING INTO ASEAN BIOGAS MARKET - A STORY BY A BIONEXUS STATUS RENEWABLE ENERGY COMPANY**
Jesse Wong, Senior Manager
KONZEN CLEAN ENERGY SDN BHD
- 10:50 Networking Coffee Break
- 11:10 **AN INTRODUCTION TO MEMBRANE TECHNOLOGIES IN BIOGAS UPGRADING**
Dr. Fabien Cabirol, Regional Business Development (SEA)
EVONIK INDUSTRIES AG
- 11:40 **VALORIZATION OF BIOGAS THROUGH LIQUEFACTION OF BIO-METHANE**
Pierre Roux, Product & Engineering Manager - New Energies Activity, Biogas Upgrading Systems & Hydrogen Refueling Stations
AIR LIQUIDE
- 12:10 **THE ADVANTAGES OF PRESSURE SWING TECHNOLOGY IN BIOGAS UPGRADING**
Kurt Sorschak, Chairman of the Board, CEO and President
XEBEC
- 12:40 Networking Lunch
- 13:40 **BIOGAS AS A KEY IN FUTURE ENERGY SYSTEMS - TRENDS IN GERMANY AND OPPORTUNITIES IN DEVELOPING AND EMERGING COUNTRIES**
Clemens Findeisen, Consultant Development Cooperation
GERMAN BIOGAS ASSOCIATION
- 14:00 **OPPORTUNITIES FOR BIOGAS AS AN ALTERNATIVE NGV FUEL**
Lee Giok Seng, Executive Director
ASIA PACIFIC NATURAL GAS VEHICLES ASSOCIATION (ANGVA)

- 14:30 **CASE STUDY: MUNICIPAL WASTE AND LANDFILL GAS PROJECT IN THE MIDDLE EAST – POWERING DUBAI'S NGV PROGRAMME**
Fazal Ali Khan, CNG Manager
EMIRATES GAS
- 15:00 **CASE STUDY: CBG FROM AGRICULTURAL WASTE WATER AS A COST EFFECTIVE ALTERNATIVE FUEL FOR THAILAND**
Methar Thongma, Manager, NGV Business & Product Development Division, NGV Strategy & Business Development Department
PTT PUBLIC COMPANY LTD
- 15:30 Networking Coffee Break
- 16:00 **CASE STUDY: LIQUEFIED BIOGAS PROJECT FOR VEHICLES IN THE PHILIPPINES**
Richard Lileystone, CEO
GAZASIA
- 16:30 **ANAEROBIC DIGESTION OF PALM OIL MILL EFFLUENT (POME) AND EMPTY FRUIT BUNCHES (EFB): MAXIMIZED BIOGAS PRODUCTION THROUGH FULL UTILIZATION OF PALM OIL PROCESSING WASTES AND BY-PRODUCTS**
Anders Ek, Chief Scientist
ASIA BIOGAS GROUP
- 17:00 End of the Biogas Asia Pacific Forum

SITE TOUR TO BIOGAS PLANT IN CAREY ISLAND

Technical visit to Malaysia's first bio-natural gas (BioNG) demonstration plant in Carey Island, Selangor, Malaysia. The SIRIM-SIME DARBY plant is the first project built in Malaysia to create BioNG as a petrol/diesel replacement and is developed to commercialise the enormous potential created by methane capture from POME treatment.

ITINERARY – 04 JUNE 2014

- 07:00 Meet at JW Marriott Hotel Lobby
- 07:15 Bus leaves for Carey Island
- 08:30 Bus arrives in Carey Island BioNG Demonstration Plant
- 08:40 Briefing
- 09:00 Technical Tour
- 10:30 End of Technical Tour/Bus Leaves
- 12:00 Bus arrives at JW Marriott Hotel

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3rd BIOGAS ASIA PACIFIC FORUM (02 - 04 June 2014)

2 DAYS CONFERENCE

2 DAYS CONFERENCE + SITE TOUR

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USD 1,000

USD 1,200

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