



# BOGAS

## ASIA PACIFIC FORUM



Commercial Integration of the Biogas Value Chain in Asia – Opportunities and Challenges for All

28 - 30 APRIL 2015 | SUNWAY PYRAMID CONVENTION CENTRE, KL, MALAYSIA

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### AGENDA - DAY ONE | 28 APRIL 2015

- 08:30 Registration
- 09:00 Welcome Remarks  
Dato' Dr. Mohd Nazlee Kamal  
*Chief Executive Officer*  
**MALYSIAN BIOTECHNOLOGY CORPORATION SDN BHD**
- 09:15 Opening Remarks & Launch of the Biogas Directory  
Y.B. Datuk Dr. Ewon Ebin  
*Minister*  
**MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION (MOSTI)**
- 09:30 JV Signing Ceremony  
**GAS MALAYSIA BERHAD & SIME DARBY OFFSHORE ENGINEERING SDN BHD**
- 09:45 Document Exchange Ceremony  
**GREEN & SMART SDN BHD**
- 10:00 Networking Coffee Break
- 10:30 **ADVANCE BIOGAS AS ALTERNATIVE FEEDSTOCK FOR NON-FOSSIL BASED REPLACEMENT PRODUCTS**  
Razwin Sulairee bin Hasnan Termizi  
*Chief Operating Officer*  
**MALYSIAN BIOTECHNOLOGY CORPORATION SDN BHD**
- 10:50 **THE FUTURE OF BIO COMPRESSED NATURAL GAS (BIOCNG) IN MALAYSIA**  
MOHD ROZI BIN OTHMAN  
*Senior Manager, Business Development*  
**GAS MALAYSIA BERHAD**
- 11:10 **BUILDING AN INTEGRATED BIOGAS VALUE CHAIN FROM FEEDSTOCK TO BIOGAS OFFTAKER**  
Dr. Lim Daw Yuen  
*Marketing Manager, Technical Services Division*  
**SIME DARBY OFFSHORE ENGINEERING SDN BHD**
- 11:30 **MOBILE PIPELINE FOR BIOGAS APPLICATIONS**  
Goh Tat Chuan  
*Regional Sales Director – Asia Pacific*  
**HEXAGON LINCOLN**
- 11:50 **PALM OIL TAKING THE LEAD FOR BIOGAS VALUE CHAIN CREATION IN S.E. ASIA**  
Mohamed Fazil Saad  
*Senior Executive / Chemist*  
**FELDA PALM INDUSTRIES SDN. BHD.**
- 12:10 **SECURING SUCCESS IN POWER GENERATION USING BIOGAS-FUELED RECIPROCATING ENGINES**  
John CY Lee  
*Sales Manager, Electric Power Division*  
**CATERPILLAR**

- 12:30 **BEST PRACTICES IN BIOGAS PROJECT FINANCING**  
Aaron Huang  
*International Account Manager*  
**CAT POWER - FINANCE**
- 12:50 Networking Lunch
- 14:00 **PERSPECTIVES ON FINANCING BIOGAS CLEAN ENERGY**  
Nor Shahmir Nor Shahid  
*Head of Banking Department*  
**EXIM BANK**
- 14:30 **INTEGRATING THE BIOGAS VALUE CHAIN FROM DIGESTOR TO VEHICLE**  
Jonas Giuliani  
*Managing Director*  
**SAFE GAS (SINGAPORE) PTE LTD**
- 15:00 **CASE STUDY: BIOGAS OPPORTUNITIES FOR PALM OIL INDUSTRY**  
Marcello Barbato  
*Regional Business Development - South East Asia*  
**ENVITEC BIOGAS**
- 15:30 **UPGRADING, COMPRESSION AND UTILIZATION AS AN ALTERNATIVE TO A CHP**  
Dr. Alfons Schulte-Schulze Berndt  
*CEO*  
**SCHMACK CARBOTECH GMBH**
- 16:00 Networking Coffee Break
- 16:30 **THE VALUE OF ENERGY IN PALM OIL MILL EFFLUENT**  
Mark Leslie  
*CEO*  
**ALTERNATIVE ENERGY CORPORATION**
- 17:00 **BIO-METHANE FUELLED PALM OIL OPERATIONS – OPPORTUNITIES AND CHALLENGES**  
Muhammad Ansori Nasution  
*Researcher Head of Testing Division*  
**INDONESIA OIL PALM RESEARCH AND INSTITUTE**
- 17:20 **UPDATES FROM CHINA: OPPORTUNITIES AND DEVELOPMENTS IN THE BIOGAS MARKETS**  
Chao Li  
*Co-founder*  
**BIOPROCESS CONTROL CHINA**
- 17:50 End of Conference Day One



### AGENDA - DAY TWO | 29 APRIL 2015

- 08:30 Registration
- 09:00 **THE IMPORTANCE OF PROTOCOLS AND STANDARDS IN THE USE OF BIOMETHANE FOR VEHICLES**
- Lee Giok Seng  
*Executive Director*  
**ANGVA**
- 09:20 **VALORIZATION OF BIOGAS THROUGH LIQUEFACTION OF BIO-METHANE**
- Alicia Veneziani  
*Biogas Engineer / Marketing Analysis*  
**AIR LIQUIDE**
- 09:50 **KEY CONSIDERATIONS IN MANAGING A BIOGAS UPGRADING PROJECT**
- Kurt Sorschak  
*President and CEO*  
**XEBEC ADSORPTION INC**
- 10:10 **DEVELOPMENTAL ACTIVITIES FOR THE BIOGAS BUSINESS ECOSYSTEM**
- Dr. Chen Sau Soon  
*Senior Director, Energy & Environment*  
**SIRIM**
- 10:30 Networking Coffee Break
- 11:00 **COMMERCIAL REALITY OF UTILIZING BIOGAS AS BIOMETHANE – MAKING THE NUMBERS WORK**
- Micheal Yeong  
*Business Development Manager*  
**EVONIK**
- 11:20 **A SOUTH EAST ASIAN CASE STUDY ON THE EXPLOITATION OF NEW BIOMASSES FOR ANAEROBIC DIGESTION**
- Federico Torretta  
*Engineer*  
**SEBIGAS S.P.A.**
- 11:50 **ADDRESSING MEASUREMENT CHALLENGES AND OPPORTUNITIES IN BIOGAS**
- Iain Gordon  
*MTL Gas Product Line Manager*  
**EATON'S CROUSE-HINDS**
- 12:20 **REVIEW OF POME BIOGAS PLANTS OPERATIONAL RESULTS: BIOTEC EXPERIENCE IN ASIA, AFRICA AND SOUTH AMERICA**
- Andy Cheng  
*Manager, Facility Management*  
**BIOTEC INTERNATIONAL**
- 12:50 Networking Lunch

- 14:00 **CASE STUDY : KEY ELEMENTS IN START-UP AND OPTIMISATION OF BIOGAS CAPTURE PLANT TOWARDS ACHIEVING DESIRED KPIS**
- Yusriady bin Che Saad  
*Head of Plant Operation*  
**KONZEN GROUP**
- 14:30 **UPDATES FROM PHILIPPINES: OPPORTUNITIES AND DEVELOPMENTS IN THE BIOGAS MARKETS**
- Joselito Calip  
*Senior Science Research Specialist*  
**DEPARTMENT OF ENERGY, PHILIPPINES**
- 15:00 **UPDATES FROM VIETNAM: OPPORTUNITIES AND DEVELOPMENTS IN THE BIOGAS MARKETS**
- Tong Xuan Chinh  
*Deputy Director General*  
**MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT, VIETNAM**
- 15:30 Networking Coffee Break
- 16:00 **CASE STUDY FROM THAILAND – FINANCIAL FEASIBILITY MODELS FOR BIOGAS UPGRADING**
- Asst. Prof. Pruk Aggarangsi Ph.D.  
*Deputy Director*  
*Energy Research and Development Institute - Nakornping*  
**CHIANG MAI UNIVERSITY, THAILAND**
- 16:30 **ENSURING A SAFE AND SUSTAINABLE BIOGAS TO NGV PROGRAMME: LESSONS FROM THE MIDDLE EAST**
- Fazal Ali Khan  
*CNG Development Manager*  
**EMIRATES GAS**
- 17:00 **UPDATES FROM INDIA: OPPORTUNITIES AND DEVELOPMENTS IN THE BIOGAS MARKETS**
- Gaurav Kedia  
*Chairman*  
**INDIAN BIOGAS ASSOCIATION**
- 17:30 End of Conference

**SITE TOUR  
FULLY  
BOOKED**

## **SITE TOUR | 30 APRIL 2015**

### **SITE VISIT TO FGV BESOUT POME BIOGAS PROJECT**

Felda Palm Industries - Besout Palm Oil Mill is one of the 71 mills owned by Felda Global Ventures Holdings equipped with biogas capture facility complete with gas engine & gas pretreatment. Biogas generated from palm oil mill discharge is captured, pretreated with bioscrubbing system to reduce hydrogen sulphite content before fed into gas engine. The electric power produced is then channelled to mill as internal power consumption, displacing diesel fuel previously used. This project is an example of clean, renewable energy generated from palm oil mill discharge, resulting in full utilization of biogas, fossil fuel displacement translated to savings in diesel cost and lowering the carbon emission/footprint.

#### Site Visit Schedule

8.00 am - Depart Sunway Pyramid Convention Centre

10.00am - Arrive at Besout

12 noon - Depart Besout

1.30 -2.00 pm – Arrive Sunway Pyramid Convention Centre



### FLOORPLAN

EXHIBITION PRICE	
EXHIBITOR (18m <sup>2</sup> )	USD 12,000
EXHIBITOR (12m <sup>2</sup> )	USD 9,000
EXHIBITOR (9m <sup>2</sup> )	USD 6,800

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)



