

2ND ANNUAL

BOOGAS

ASIA PACIFIC FORUM

12 - 14 June 2013, Kuala Lumpur, Malaysia

JW MARRIOTT HOTEL
KUALA LUMPUR, MALAYSIA

COMMERCIALISING BIOGAS DEVELOPMENT IN ASIA: BUILDING A SUSTAINABLE BIOGAS INDUSTRY

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T: +65 6506 0965

F: +65 6749 7293

E: info@icesn.com

W: www.icesn.com/biogasasia

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AGENDA

DAY ONE – 12 JUNE 2013

- 08:30 Registration
- 09:00 Welcome Address
- YBhg Dato' Dr Mohd Nazlee Kamal, *CEO BIOTECHCORP*
- Opening Keynote Address
- 09:15 **MALAYSIA'S BIOGAS MASTERPLAN – INCORPORATING BIOGAS IN A MORE SUSTAINABLE ENERGY FUTURE**
- YBhg Datuk Loo Took Gee, *Secretary-General, KeTTHA, MINISTRY OF ENERGY, GREEN TECHNOLOGY AND WATER, MALAYSIA*
- 09:30 **THE FUTURE OF BIOGAS IN THE PALM OIL INDUSTRY**
- Fadhil Hasan, *Executive Director INDONESIA PALM OIL ASSOCIATION*
- 10:00 **FELDA'S EXPERIENCES IN IMPLEMENTATION OF BIOGAS BASED RURAL ELECTRIFICATION PROJECT**
- Zainuri Busu, *Head of Biomass Department FELDA PALM INDUSTRIES SDN BHD.*
- 10:30 Networking Coffee Break
- 11:00 **BIOGAS DEVELOPMENT AND RENEWABLE ENERGY**
- Dr. Peter Lau, *Region Gas Electric Power General Manager CATERPILLAR INC*
- 11:20 **BIOGAS PROJECTS – A LENDER'S PERSPECTIVE**
- Steve J Szymanski, *Senior International Account Manager CATERPILLAR POWER FINANCE - SINGAPORE*
- 11:40 **THAILAND'S BIOGAS DEVELOPMENT BLUEPRINT – OPPORTUNITIES FOR GROWTH**
- Jariya Budnard, *Engineer, Biogas Group, Department of Alternative Energy Development and Efficiency MINISTRY OF ENERGY, THAILAND*
- 12:00 **CASE STUDY - THAILAND'S FIRST CBG FOR VEHICLES PROJECT**
- Chatchapol Prasobchoke, *Vice President UNIVERSAL ABSORBENT AND CHEMICALS PLC. (UAC)*
- 12:20 **CASE STUDY - BIOGAS SYSTEMS FOR A GREEN BUILDING: PTT ENCO**
- Chalermchai Ruangchainikom, Ph.D., *Researcher Environmental Research & Management Dept PTT Research and Technology Institute PTT PUBLIC COMPANY LIMITED*

- 12:40 Networking Lunch
- 14:00 **EXPERIENCE WITH DIFFERENT ORGANIC FEEDSTOCK USING INTEGRATED ABOVE GROUND BIOGAS SYSTEMS**
- Huey Yee Yoong, *Business Development Manager BIODOME ASIA*
- 14:30 **COMPRESSION: A KEY STEP IN BIOGAS UTILIZATION**
- Kent Tan, *Sales Engineer NEUMAN & ESSER SOUTH EAST ASIA LTD*
- 15:00 **ADVANCES IN BIOGAS PROCESSING**
- Dr. Abdul Malek, *Founder GAS ALAM SDN BHD (TAIYO NIPPON SANSO)*
- 15:15 **TECHNOLOGIES ADDING VALUE ON BIOGAS**
- Toshifumi Abe, *R&D, Marketing & New Business Dvlpt TAIYO NIPPON SANSO*
- 15:30 Networking Coffee Break
- 16:00 **BIOGAS UPGRADING USING SEPURAN**
- Michael Yeong, *Business Development Manager EVONIK MALAYSIA SDN BHD*
- 16:30 **REVIEW OF BIOGAS UPGRADING TECHNOLOGIES – EFFICIENCY, BIOMETHANE QUALITY, INVESTMENT AND OPERATING COSTS**
- Gaurav Kedia, *Chairman INDIAN BIOGAS ASSOCIATION (IBA)*
- 17:00 End of Conference Day One

DAY THREE – 14 JUNE 2013

- 09:00 - 12:00 **TECHNICAL SITE-TOUR TO BELL GREEN POWER**
- 7138, Jalan Kuala Linggi, Batu 31, Kampung Kuala Linggi, 78200 Kuala Sungai Baru, Melaka.
- The project treats waste water from the palm oil milling process (POME – palm oil mill effluent) using an above-ground anaerobic digestion system, incorporating BIODOME Double Membrane Roofs unto modular bolted tanks. It also utilises an external mixing system, which allows for easy access of maintenance without downtime on plant operation. The biogas produced is current flared to mitigate greenhouse gas emissions (GHGE) & in near future, to be connected to boilers to replace conventional fuel.

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DAY TWO – 13 JUNE 2013

08:30	Registration	William Tan, <i>CEO</i> SP MULTITECH
09:00	OPPORTUNITIES AND CHALLENGES IN BIOGAS DEVELOPMENT IN INDONESIA Paul Butarbutar, <i>Head</i> RENEWABLE ENERGY SOCIETY, INDONESIA	Adhi Erlangga, <i>Country Manager</i> PT ASIA BIOGAS INDONESIA Sansubari Che Mud, <i>Senior Manager</i> TENAGA NASIONAL BERHAD (DISTRIBUTION)
09:30	COMMERCIAL DEVELOPMENT OPPORTUNITIES FOR BIOGAS PROJECTS IN VIETNAM Nguyen Thi Minh Nguyet, <i>Biogas Program for Animal Husbandry Sector of Vietnam</i> MINISTRY OF AGRICULTURAL AND RURAL DEVELOPMENT (MARD)	14:45 OPPORTUNITES FOR BIOGAS AS A RENEWABLE FUEL FOR NATURAL GAS VEHICLES IN THE ASIA PACIFIC REGION Lee Giok Seng, <i>Executive Director</i> ASIA PACIFIC NATURAL GAS VEHICLES ASSOCIATION (ANGVA)
10:00	Panel Discussion: FINANCE, INVESTMENTS AND LONG TERM OPPORTUNITIES: WHAT FINANCING ORGANISATIONS SAY ABOUT BIOGAS PROJECTS Kent Carter, <i>Managing Director</i> CAMCO SEA Yanis Boudjouher, <i>General Manager</i> REEX CAPITAL ASIA Paul Butarbutar, <i>Regional Director</i> SOUTH POLE CARBON ASSET MANAGEMENT	15:15 CASE STUDY: FROM BIOGAS GENERATION TO CBG TRANSPORTATION IN CHINA Grace Zhu, <i>Business Manager (Overseas)</i> CIMC ENRIC
10:45	Networking Coffee Break	15:45 Networking Coffee Break
11:15	THE FUTURE OF BIOGAS IN ASIA: SNV DEVELOPMENTS INTO MID SCALE BIOGAS PROJECTS Dagmar Zwebe, <i>Technical Advisor of National Biogas Programme and Programme Leader of Renewable Energy Sector</i> SNV	16:15 ORGANIC MATTER MANAGEMENT AND THE POTENTIAL FOR THE BIOGAS SECTOR IN THE MALAYSIAN AGRO-INDUSTRIAL SECTOR Baptiste KERVYN, <i>Chief Executive Officer</i> BIOTEC INTERNATIONAL ASIA SDN BHD
11:45	BIOGAS ROLE IN COST REDUCTIONS AND REVENUE GROWTH Mark Leslie, <i>CEO</i> ALTERNATIVE ENERGY CORPORATION	16:45 THE CURRENT STATE OF DEVELOPMENT OF BIOGAS IN SINGAPORE Prof Wang Jing Yuan, <i>Associate Professor, Director Residues and Resource Reclamation Centre</i> NANYANG TECHNOLOGICAL UNIVERSITY
12:15	Networking Lunch	17:15 End of Conference
14:00	Panel Discussion: ADDRESSING NATURAL GAS ENERGY NEEDS THROUGH BIOGAS: OPPORTUNITIES AND CHALLENGES FOR INDUSTRY, POWER GENERATION AND TOWN GAS Moderator: Robert Cheong, <i>Regional Product Manager, Climate Change & Carbon Services</i> TUV-NORD	

