

International Biomass Conference Malaysia 2017 (IBCM 2017),
 19-20 October 2017 (Thursday & Friday)
 Borneo Convention Centre · Kuching · Sarawak
 “*Biomass Industry Revolution 4.0: Innovation-led Bio-based Economy*”

Thursday, 19 October 2017

[8.00 am]	<p>REGISTRATION AND NETWORKING REFRESHMENTS</p> <p>ARRIVAL OF VIPs & MEDIA</p>
[9.00 am]	<p>NATIONAL ANTHEM AND DOA RECITAL</p>
[9.10 am]	<p>WELCOMING REMARKS</p> <p>Yang Berhormat (YB) Dato’ Sri Hajah Nancy Shukri, Minister in the Prime Minister’s Department</p>
[9.20 am]	<p>SPECIAL ADRESSS</p> <p>Yang Berhormat (YB) Dato’ Sri Mustapa Mohamed Minister of International Trade and Industry (MITI)</p>
[9.30 - 10.15 am]	<p><u>KEYNOTE SESSION</u></p> <p>SARAWAK: THE CATALYST FOR MALAYSIA’S VISION AS REGIONAL BIO-HUB</p> <p><i>Why Sarawak Matters to Malaysia’s Biomass Economy as the Regional Leader? The Potential and Challenges?</i></p> <p><i>Sarawak Biomass Industry Development Plan (SBIDP) is a major milestone in Malaysia’s bid to become South East Asia’s premier biomass processing hub. Sarawak could potentially generate an additional RM4.8 billion in GNI, create 30,000 new jobs and RM18 billion in investment opportunities throughout the value chain, utilising around six million dry tonnes of its biomass resources. The key biomass clusters identified in Sarawak are Bintulu, Miri, Tanjung Manis and Kuching.</i></p> <p><i>The development of this industry could help Malaysia reduces its reliance on fossil fuels and increase its ability to weather global economic uncertainties while contributing positively towards becoming a high-income nation by 2020. Converting biomass resources to higher value products such as biofuels and biochemicals can create a pathway for further downstream processing industries.</i></p> <p>Petteri Pihlajamäki Director, Head of Forestry and Biomass Consulting Worldwide Pöyry Management Consulting, Helsinki</p>

[10.15 - 11.00 am]	<p><u>PLENARY SESSION</u></p> <p>WASTE TO WEALTH: THE CIRCULAR ECONOMY ADVANTAGE FROM EU'S PERSPECTIVE</p> <p><i>Depicts the role of biomass, bioenergy and bio-refining in a circular economy and Malaysia's bio-economy. The circular economy seems intuitively to be more sustainable than the current linear economic system. The reduction of resource inputs into and waste and emission leakage out of the system reduces resource depletion and environmental pollution. This session will explain how circular economy approach do not necessarily sacrifice the growth of any industries and make ways for huge benefits in a long run.</i></p> <p>H.E. Maria Castillo Fernandez, Ambassador and Head of Delegation, European Union to Malaysia</p>
[11.00 am]	<p>ARRIVAL OF VVIP</p>
[11.15 - 12.00 pm]	<p><u>OFFICIAL OPENING CEREMONY & SHOWCASE WALKABOUT</u></p> <p>Yang Amat Berhormat (YAB) Datuk Amar Abang Haji Abdul Rahman Zohari Bin Tun Datuk Abang Haji Openg, YAB Chief Minister of Sarawak</p>
[12.00 - 1.00 pm]	<p>NETWORKING LUNCH</p>
[1.00 - 1.10 pm]	<p><u>EXPERT INSIGHTS</u></p> <p>Jim Lane, Founder and Chief Editor, Biofuels Digest</p>
[1.10 - 1.30 pm]	<p><u>SPECIAL DIALOGUE WITH YAB CM</u></p> <p><i>The Impact of Sarawak's Digital Economy efforts on the Agricultural Sector for the State</i></p> <ul style="list-style-type: none"> • <i>Way Forward</i> • <i>Aspirations: Digital Agriculture</i> • <i>Impact on Rural Development - Empowerment</i> • <i>Business Opportunities and Assistance</i> <p><u>Moderator:</u></p> <p>YB Dato' Sri Hajah Nancy Shukri, Minister in the Prime Minister's Department</p>

[1.30 - 2.30 pm]	<p><u>PANEL DISCUSSION 1:</u></p> <p>WILL DIGITAL AGRICULTURE MATTER TO ASEAN COUNTRIES? WHAT IS ITS IMPACT ON THE THRIVING BIOMASS BASED ECONOMY?</p> <p><i>ASEAN's digital economy is projected to grow by 500% and be worth \$200 billion by 2025, this panel addresses how digital agriculture can potentially transform production systems and supply chains and how digital technologies will shape the future of agriculture and its impacts the rural community and workforce, including an overview of the challenges and opportunities on the biomass sector.</i></p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> - Dr. Rezal Khairi Ahmad, CEO, NanoMalaysia Berhad - Deepak Roy Singh, Managing Partner, Oceania Consulting Group, Australia - Ahmad Rizan Ibrahim, President and CEO, MIMOS Berhad - Zhang Xiaochen, President, FinTech4Good - Expert from General Electric (Malaysia) <p><u>Moderator:</u></p> <ul style="list-style-type: none"> - YB. Tan Sri Datuk Amar Haji Mohd Morshidi Bin Abdul Ghani, Sarawak State Secretary (TBC)
[2:30 - 3:00 pm]	<p>SPECIAL MARKET REPORT HIGHLIGHTS I</p> <p><i>Argus Media Market Report 2017 - Global Biomass Trade Flows and ASEAN Edition</i></p> <p>Claire Pickard, Asia Solid Fuels Manager, Argus Media</p>
[3:00 - 4:00 pm]	<p><u>PANEL DISCUSSION 2:</u></p> <p>SETTING THE BIOMASS AGENDA: DIRECTION, PERSPECTIVE AND EXPERIENCE</p> <p><i>Formulating the right support and regulation for a new industry is very challenging in any setup. Deciding on the critical enablers required to spur the development of an infant industry will determine its level of success. This session will highlight different perspectives from governments and industries sharing on principles, policies and support needed in setting the biomass development agenda and innovative business model within this sector.</i></p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> - H.E. Mrs. Karin Mössenlechner, The Ambassador of the Kingdom of the Netherlands - Prof. Dr. Mohd Ali Hassan, Dean of the Biotechnology and Biomolecular Sciences Faculty, University Putra Malaysia (UPM) - Paul Wong Kok Kiong, Under Secretary, Ministry of Energy, Green Technology and Water (KeTTHA)

	<ul style="list-style-type: none"> - Aznita Naziz, Vice President BioIndustrial, Malaysian Bioeconomy Development Corporation <p>Moderator:</p> <ul style="list-style-type: none"> - Timothy Ong, Senior Vice President, Agensi Inovasi Malaysia (AIM)
[4:00 - 4.30 pm]	<p>SPECIAL MARKET REPORT HIGHLIGHTS II</p> <p><i>Megatrends Report, Frost & Sullivan (Malaysia)</i></p>
[4:30 - 5.30 pm]	<p><u>PANEL DISCUSSION 3:</u></p> <p>NEED FOR A VALUE CHAIN APPROACH - SUPPLY, DEMAND AND DYNAMICS OF BIOMASS BUSINESS IN THE ADVANCED BIOECONOMY</p> <p><i>The ‘value chain’ concept is where value is added along the chain, both to the product / service and the actors involved. From a sustainability perspective, ‘value chain’ has more appeal to internal and external stakeholders in the value-creation process. The biomass value chain is a complex process large number of stages; starts right from biomass resource harvesting, collection, processing, storage and eventually its transportation to the point of ultimate utilization. Let’s understand from the experts on what biomass value chain encompasses of and best practices on the most efficient way to manage the biomass value chain.</i></p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> - Bas Melssen, Director BioRefining-Asia Pacific, Novozymes, Denmark - Ken Richards, Managing Director, Leaf Resources, Australia - Peter Matrai, Senior Advisor, SYSTEMIQ, United Kingdom - Dr. Ir. Wolter Elbersen, Senior Researcher, Biomass Production and Bioenergy, Wageningen University, The Netherlands - Datuk Dr. Abd Shukor Abd Rahman, Director, All Cosmos Group <p><u>Moderator:</u></p> <ul style="list-style-type: none"> - Ahmad Khairuddin A. Rahim, Executive Director, Manufacturing Development (Resource), Malaysian Investment Development Authority (MIDA)

Friday, 20 October 2017

[8:00 am]	REGISTRATION AND NETWORKING REFRESHMENTS
[9:00 - 10:15 am]	<p><u>PANEL DISCUSSION 4:</u></p> <p>PROVING MUNICIPAL SOLID WASTE (MSW) AND OTHER BIOMASS SOURCES AS ALTERNATIVE BIOMASS FEEDSTOCK IN AN INTEGRATED ENVIRONMENT - RESEARCH & DEVELOPMENT & COMMERCIALIZATION</p> <p><i>This session will provide insights and best practices of sustainable municipal solid waste management, and how we can steer digitization of industry 4.0 in this field through modern technologies & innovative solution to help facilitate better use of waste while protecting our environment.</i></p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> - David Lantz, Manager of Sustainable Transport Solutions, Scania Southeast Asia - Robin Zwart, Technology and Product Development Manager, Dahlman Renewables Technologies, Netherlands - Ir. Mohamad Adan Yusof, Head of Research and Development, Syngas Sdn Bhd - Levien de Legé, Managing Director, ECN (Beijing) New Energy Technologies Co. Ltd - Sivapalan Kathiravale, Head, Environmental Preservation and Innovation Centre (EPIC) Sdn Bhd <p><u>Moderator:</u></p> <ul style="list-style-type: none"> - YBhg. Datu Haji Mohamad Abu Bakar bin Marzuki, Director, Sarawak State Planning Unit (TBC)
[10.15 - 11.30 am]	<p><u>PANEL DISCUSSION 5:</u></p> <p>RURAL DEVELOPMENT AGENDA FOR SUSTAINABLE ADVANCED BIOMASS ECONOMY: A CRITICAL SUPPORTING ENABLER</p> <p><i>Ways to align the various developing efforts towards the creation of a shared vision by tapping on the economic, social and environmental opportunities for the rural community. Some interesting topics include contract farming and equity conversion; smallholder empowerment and biogas power generation at mills for rural area.</i></p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> - Dr. Ir. Maja Slingerland, Associate Professor, Wageningen University - Dr. Dzaeman Dzulkifli, Executive Director, Tropical Rainforest Conservation & Research Centre (TRCRC)

	<ul style="list-style-type: none"> - Catherine Ridu, Chief Executive Officer, Sustainable Energy Development Authority of Malaysia (SEDA Malaysia) - Make Jiwan, Horticulturist, UPM Bintulu Sarawak - Goetz Martin, Head of Sustainability Implementation, Sinarmas Agribusiness and Food <p>Moderator:</p> <ul style="list-style-type: none"> - Dr. Yeo Tiong Chia, CEO, Sarawak Biodiversity Centre
[11:30 - 12:00 pm]	<p>SPECIAL MARKET REPORT HIGHLIGHTS III</p> <p>Jim Lane, Founder and Chief Editor, Biofuels Digest</p>
[12:00 - 2.00 pm]	<p>NETWORKING LUNCH</p>
[2.00 - 3.15 pm]	<p><u>PANEL DISCUSSION 6:</u></p> <p>THE DEAL MAKING: INNOVATIVE AND CREATIVE FINANCIAL MODELLING FOR NEW PROJECT DEVELOPMENT</p> <p><i>The first step to any green building or renewable energy project of any size is finding the financing to make it possible. Green renewables projects are an increasing percentage of new projects with very attractive balance sheets in certain areas. However, structuring financing for green and renewables projects requires more legal creativity and effort than financing other types of more traditional projects.</i></p> <p><i>This session will share some insights and tips to understand and learn specific set of rules and requirements for securing financial funding and when to decide to take on some financing risk for a high return in long term.</i></p> <p><u>Panellists:</u></p> <ul style="list-style-type: none"> - Dato' Zailani Safari, CEO, Technology Depository Agency (TDA) - Zhang Xiaochen, President, FinTech4Good - Tuan Syed Ahmad bin Syed Mustafa, CEO, Greentech Catalyst - Michael A. Slaney, Managing Partner, Claeris USA - Tuan Syed Ibrahim, Director, Agrobank Kuching - Marcus K Chee, Executive Secretary, Energy Council of Malaysia (ECOM) <p><u>Moderator:</u></p> <ul style="list-style-type: none"> - Abdullah Arshad, COO, Agensi Inovasi Malaysia (AIM)
[3.15 - 3.30 pm]	<p>CLOSING REMARKS</p>
	<p>End of Day 2</p>

SPECIAL WORKSHOPS

19 October 2017 - Industry Engagements

Day	Time	Venue	Workshop
Day 1	9.00 - 12.00pm	Meeting Room 12	PlaTCom Ventures Sdn Bhd The national technology commercialisation platform of Malaysia; its mission is to turn the creative ideas of our inventors and entrepreneurs into successful products and services that change the world
Day 1	9.00 - 12.00pm	Meeting Room	Steinbeis Malaysia Foundation The Steinbeis network of transfer orientated centers specializes in making a whole spectrum of the latest technology and management insights available to customers. Steinbeis transfers competitive knowledge and technology into business, for the benefit of large companies and individual entrepreneurs alike.
Day 1	9.00 - 12.00pm	Meeting Room	National Corporate Innovation Index (NCII) Workshop <ul style="list-style-type: none">• To drive innovation and accelerate growth amongst corporations in Malaysia• To help identify mechanisms for corporations to engage in innovation activities that will ensure their long-term sustainability• It aims to institutionalise innovation and its governance within corporations
Day 1	9.00 - 12.00pm	Meeting Room	MIDA (Roundtable for YB Minister MITI)

20 October 2017 - Regional Opportunities

Day	Time	Meeting Room	Workshop
Day 2	9.00 - 12.00pm	Meeting Room 13	<p>The Netherlands: Regional Bio-based Opportunities</p> <p>Relevant experts and policy makers from Netherlands will be providing insights on the opportunities in their country and advice on the country's policy direction and priorities. Participants will have clear understanding and valuable insights on areas and opportunities to focus and also projecting future opportunities based on the policy direction. This workshop is a collaboration with the Netherlands Embassy in Malaysia.</p>
Day 2	9.00 - 12.00pm	Meeting Room 14	<p>Korean Energy Symposium</p> <p>Participation from Energy Companies, Technology & Service providers of Energy Sector in Korea. The objective of this symposium is to brief on the energy sector development in Korea in term of policy, industry requirement, technological development and services which will open up new opportunities to collaborate with Malaysian companies. This symposium is a collaboration with the Embassy of the Republic of Korea in Malaysia.</p>