

## 4<sup>th</sup> International Sustainable Energy Summit (ISES) 2018

“Sustainable Energy: The Future Is Here”

Pullman Hotel, Kuching, Sarawak

10-11<sup>th</sup> April 2018

| Time                                     | Programme   | Programme |
|--|---|-----------|
| <b>Day 1: 10<sup>th</sup> April 2018</b> |   |           |
| 8:30 am                                  | Registration  | [Lobby]   |
| 9:00 am                                  | Opening Ceremony [C1]<br>1. National Anthem<br>2. State Anthem<br>3. Welcoming Remarks by YB Minister of Energy, Green Technology and Water Malaysia<br>4. Keynote address by YAB Chief Minister of Sarawak<br>5. Launching of 4 <sup>th</sup> ISES 2018<br>6. MOU Signing Ceremony & Memento exchange  |           |
| 10:00 am                                 | Networking Break/VVIP visit booths/Press Conference   |           |
| 10:30 am                                 | <b>Plenary Session 1:</b> [C1]<br><b>Envisioning the Future of Electricity Market: Transformation Towards a Greener Electricity Sector</b><br>In this session, the panellists, comprising of Government and international sectors will discuss what the future electricity market will be like, the countries’ aspirations on sustainable energy, and their targets to meet their climate obligations as pledged under the Paris Agreement. They will address the existential challenges of scaling up sustainable energy in their electricity mix, the effective intervening policies, and the role of |           |

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|          | <p>regional cooperation to achieve the common goal of decarbonizing the electricity sector.</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. <b>YBhg. Datuk Loo Took Gee,</b><br/>Former Secretary General of Ministry of Energy, Green Technology and Water, and Co-Chair of the Malaysia-Kazakhstan Business Council</li> <li>2. <b>Her Excellency Kamala Shirin Lakhdar,</b><br/>The United States Ambassador to Malaysia</li> <li>3. <b>His Excellency Dag Juhlin-Dannfelt</b><br/>Ambassador of Sweden to Malaysia</li> <li>4. <b>Mr. Rida Mulyana</b><br/>Director General of New and Renewable Energy, and Energy Conservation, Indonesia</li> <li>5. <b>Mr. Chanthaboun Souk Aloun,</b><br/>Acting Director General, the Department of Planning and Cooperation, Laos</li> <li>6. <b>Dr. Yaowateera Achawangkul,</b> Mechanical Engineer, Department of Alternative Energy Development and Efficiency (DEDE), Ministry of Energy, Thailand</li> </ol> <p><b>Chair:</b><br/><b>YBhg. Tan Sri Dato' Ir (Dr) Hj Ahmad Zaidee Bin Laidin,</b><br/>Authority Member of SEDA Malaysia</p> |           |
| 11:45 am | <p><b>Plenary Session 2:</b> [C1]<br/><b>Capital Planning: Reinventing the Business Model for Power Utilities in the Future Electricity Market</b></p>  |           |

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|         | <p>Globally, the process of energy transition from fossil fuel to renewable energy is shaping the future electricity market such that power utilities are required to change their business model to prevent falling into victims of utility death spiral. In some countries, power utilities are starting to invest in sustainable energy and e-mobility infrastructure. This session will discuss on the impact of energy transition to the business of power utilities and how the utilities are reinventing the business models to remain relevant in the future electricity market. The discussion will include the measures for utilities to adopt in order to avoid stranded carbon assets and the relevance of baseload in the future electricity market.</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Mr. Sharbini Suhaili, Group CEO, Sarawak Energy Berhad</li> <li>2. Dr. Ir. Ahmad Jaafar Abdul Hamid, Managing Director, TNB Energy Services Sdn Bhd</li> <li>3. Ms. Julia Hamm, President and CEO, Solar Electric Power Association (SEPA), USA</li> <li>4. Dr. Mohd Azman Zainul Abidin, CEO, Malaysia Green Technology Corporation (MGTC)</li> <li>5. Mr. Ngieng Sii Jing, Chief Executive Officer of Longi (KUCHING) Sdn. Bhd.</li> </ol> <p><b>Chair:</b><br/> <b>YBhg. Dato' Ir. Dr. Ali Askar,</b><br/> Managing Director, Sher Engineering &amp; Consultancy</p> |           |
| 1:00 pm | Networking Lunch <span style="float: right;">[C2]</span>   |           |

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| 2:15 pm | <p><b>DDW 1: Integrating Large Scale Distributed Solar PV Systems to the Grid</b> [C1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Mr. Chen Li, Principal Consultant, Clean Technology Centre, DNV GL - Energy</li> <li>2. Mr. Roland Bründlinger, Senior Research Engineer, Austrian Institute of Technology GmbH</li> <li>3. Mr. Juergen Bender, Managing Director, Bender-IS Co., Ltd.</li> <li>4. Dr. Navid Haghdadi, postdoctoral Research Associate, University of new South Wales (UNSW)</li> <li>5. Ms. Lena Li, Director of South East Asia, International Business Division, TBEA Xinjiang Sunoasis Co., Ltd.</li> </ol> <p><b>Chair:</b><br/> <b>YBhg. Dato' Ir. Dr. Dennis Ganendra,</b><br/>           Founder Director, Timeless Green Group of Companies</p> | <p><b>DDW 2: Bioenergy: Outlook for Bioenergy Market and Developing Sustainable Business Models</b> [P1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. H.E Maria Castillo Fernandez, Ambassador and Head of Delegation, European Union to Malaysia</li> <li>2. H.E Karin Mossenlechner, Netherlands Ambassador to Malaysia</li> <li>3. Mr. Ahmad Farid Mohammed, Secretary Division of Biofuel Division from the Ministry of Plantation Industries and Commodities</li> <li>4. YBhg. Dato' Leong Kin Mun, President of Malaysia Biomass Industry Confederation (MBIC)</li> <li>5. Mr. Ernest Navaratnam, CEO of Cenergi Group of Companies</li> </ol> <p><b>Chair:</b><br/> <b>Mr. David Lantz,</b><br/>           Sustainability Manager, Scania Southeast Asia</p> |
| 3:45 pm | Networking Break   |   |
| 4:00 pm | <p><b>DDW 3: Global PV Market and Industry Outlook for 2018</b> [C1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Ir. Gaetan Masson, Founder &amp; Managing Director, Becquerel Institute, Europe</li> <li>2. Ms. Izumi Kaizuka, Principal Analyst and Director of Research Division, RTS Corporation, Japan</li> </ol>  | <p><b>DDW 4: Sustainable Hydropower: Harnessing the Future Now</b> [P1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Mr. Xiang Ke, Deputy Director, Gezhouba HPP CYPC</li> <li>2. Mr. Richard Taylor, CEO, International Hydropower Association</li> <li>3. Mr. Stefan Reich, Business Development Manager – Mini Hydro, Voith Hydro Holding GmbH &amp; Co. KG</li> </ol>   |

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|         | 3. Mr. Frank Haugwitz, Director,<br>Asia Europe Clean Energy (Solar) Advisory Co. Ltd. (AECEA)<br>4. Mr. Ran Fu, Senior Researcher, Strategic Energy Analysis<br>Center, NREL<br>5. Mr. Warren Lee, Business Development Manager (SEA),<br>Jinko Solar<br><b>Chair:</b><br><b>Mr. Chin Soo Mau,</b><br>Malaysia Photovoltaic Industry Association (MPIA) | 4. Mr. Feng Jun, Director of International Business, China Gezhouba<br>Group Co. Ltd.<br>5. Ir. James Ung Sing Kwong, CEO, SEB Power, Sarawak Energy Berhad<br>(SEB)<br><b>Chair:</b><br><b>Ir. Polycarp Wong,</b><br>Vice President (Hydro), Sarawak Energy Berhad (SEB) |
| 5:30 pm | Business Networking Session [TAJ MAHAL & GIZA]   |   |
| 7:00 pm | 4 <sup>th</sup> ISES GALA DINNER 2018 [theme: Sarawak Cultural Night] [C1]<br><b>Attire : Ladies :</b> Batik /Traditional/National Costume<br><b>Men :</b> Long Sleeve Batik/Traditional/National Costume<br><br>Speech by YB Minister of MOU  |   |

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| <b>Day 2: 11<sup>th</sup> April 2018</b> |  |           |
| 9:00 am                                  | <p data-bbox="353 201 1180 229"><b>Plenary Session 3:</b> [C1]</p> <p data-bbox="353 244 1061 320"><b>National and State Electricity Market Transformation Roadmap</b></p> <p data-bbox="353 335 1180 683">In this session, the panellists will discuss at national and state level, the strategies to achieve energy balance and security, affordable electricity, and institutionalizing climate agenda in electricity transformation. Discussion will include developing policy frameworks that will decouple economic growth from increasing GHG emissions and resource constraint, and technical and entrepreneurial skills required for the new energy paradigm.</p> <p data-bbox="353 697 490 726">Panellists:</p> <ol data-bbox="400 740 1102 1177" style="list-style-type: none"> <li data-bbox="400 740 936 863">1. <b>YBhg. Datuk Ir. Ahmad Fauzi Hasan,</b><br/>Authority Member of SEDA Malaysia,<br/>Chairman of Energy Commission</li> <li data-bbox="400 876 1102 952">2. <b>YBhg. Dato Ir. Alice Jawan,</b> Permanent Secretary,<br/>Ministry of Utilities, Sarawak</li> <li data-bbox="400 965 1061 1042">3. <b>YBhg. Dato' Abdul Razak Abdul Majid,</b> Former<br/>Chairman of Energy Commission</li> <li data-bbox="400 1054 1025 1131">4. <b>Mr. Buckland Bangik</b><br/>The Director of State Planning Unit Sarawak</li> <li data-bbox="400 1144 1081 1177">5. <b>YBrs. Ms. Catherine Ridu,</b> CEO of SEDA Malaysia</li> </ol> <p data-bbox="353 1192 439 1220"><b>Chair:</b></p> <p data-bbox="353 1235 1151 1388"><b>YBhg. Datuk Loo Took Gee,</b><br/>Former Secretary General of Ministry of Energy, Green Technology and Water, and Co-Chair of the Malaysia-Kazakhstan Business Council</p> |           |

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| 10:30 am | Networking break  |   |
| 11:00 am | <p><b>DDW 5: Best Practice on Auctioning of Large Scale Renewable Energy Projects and Designing Effective Sustainable Energy Policies</b> [C1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Dr. Allen Eisendrath, Global Climate Change Office Director, USAID</li> <li>2. Ms. Ana Paula Ferme, Manager, Chamber Of Electric Energy Commercialization - CCEE</li> <li>3. Mr. Michael Schmela, Executive Director of SolarPower Europe</li> <li>4. Dr. Matthias Eichelbronner, General Manager, E.Quadrat GmbH &amp; Co Energy Experts</li> <li>5. Mr. James Allan, Director, Frontier Economics Pte. Ltd.</li> </ol> <p><b>Chair:</b><br/><b>Ir. Akmal Rahimi Abu Samah,</b><br/>Chief Operating Officer, SEDA Malaysia</p> | <p><b>DDW 6: The Future Role of Blockchain Technologies in the Energy Market</b> [P1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Mr. Suresh Naidu Sadasivan, Bloktex</li> <li>2. Mr. Stephen Chia, NEM Council Member / Regional Head - SE Asia, NEM.io Foundation Limited</li> <li>3. Mr. Vinod Tiwari, Manager Sales and Business Development, Power Ledger Pty Ltd</li> <li>4. Mr. Martin Lim, Chief Operating Officer, Electrify</li> <li>5. Mr. Tan Lim Soon Fu, CTO &amp; Co-Founder of EPC Blockchain Sdn Bhd</li> </ol> <p><b>Chair:</b><br/><b>Dr. Wei-Nee, Chen,</b><br/>Chief Corporate Officer, SEDA Malaysia</p> |
| 12:30 pm | Networking lunch  | [C2]  |
| 1:30 pm  | <p><b>DDW 7: Low Carbon Cities Development Programme</b> [C1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Ir. Akmal Rahimi Abu Samah, Chief Operating Officer, SEDA Malaysia</li> <li>2. Mr. Mahalil Amin, Assistant Vice President Malaysia Industry Government Group for High Technology</li> <li>3. Dr. Thomas Tang, Director Eco-Business</li> <li>4. Dr. Junichi Fujino, Senior Researcher, IGES, Japan</li> </ol>  | <p><b>DDW 8: Final Frontier: Ensuring Sustainable and Equitable Energy for All</b> [P1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Dr. Hongpeng Liu, Chief, Energy Section, United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)</li> <li>2. Ir. Dr. Sanjayan Velautham, Executive Director, ASEAN Centre for Energy</li> <li>3. Mr. Bishal Parajuli, Associate Professional-Policy, IRENA</li> </ol>   |

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|         | <p>5. Mr. Norizal Khushairi Mohamad Zamri, National Project Manager, GTALCC, SEDA Malaysia</p> <p><b>Chair:</b><br/><b>Prof Dr. Ho Chin Siong,</b><br/>Dept of Urban &amp; Regional Planning, Faculty of Built Environment, UTM</p>   | <p>4. Mr. Dan Millison, Manager, Transcendery, LLC</p> <p>5. Mr. Christopher Wesley Ajan, Senior Engineer I, Renewable Energy, Sarawak Energy Berhad,</p> <p><b>Chair:</b><br/><b>Dr. Chen Shiun,</b><br/>Vice President of Research and Development, Sarawak Energy Berhad</p>  |
| 3:00 pm | Networking break  |  |
| 3:30 pm | <p><b>DDW 9: Unlocking Affordable Financing for Sustainable Energy Investments: The Role of International Donors and Financial Institutes</b> [C1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Mr. Ahmad Hafiz Abdul Aziz, Financial Sector Specialist, The World Bank</li> <li>2. Ms. Wan Hashimah Wan Salleh, Director of Green Technology Division, MIDA</li> <li>3. Ms Cindy Soo, Managing Director of Regional Debt Capital Markets, CIMB Bank</li> <li>4. Mr. Aimi Aizreen Nasharuddin, Executive Vice President, Business Malaysia Debt Ventures Berhad (MDV)</li> <li>5. Ms. Juniza Zahari, Director, Debt Capital Markets, Affin Hwang Investment Bank Berhad</li> <li>6. YBhg. Dato' Leong Kin Mun, Managing Director, Primer Capital Sdn Bhd</li> </ol> <p><b>Chair:</b><br/><b>Mr. Alexis Issaharoff,</b><br/>CEO Antah Renewables</p> | <p><b>DDW 10: The Emergence of Energy Storage Systems: Opportunities &amp; challenges</b> [C1]</p> <p>Panellists:</p> <ol style="list-style-type: none"> <li>1. Mr. Russell Marsh, Associate Director, Ernst &amp; Young Solutions LLP</li> <li>2. Mr. Bob Chen, System Solution Manager, Sungrow Power Supply Co. Ltd.</li> <li>3. Mr. Marcoen Stoop, Sales Director, Hydrogenics Europe NV</li> <li>4. Ms. Chih-Ting Lo, Principal, EELO Solutions, Canada</li> <li>5. Mr. Dan Millison, Manager, Transcendery, LLC</li> </ol> <p><b>Chair:</b><br/><b>YBhg. Datuk Rozimi Remeli,</b><br/>Advisor to Cypark Renewable Energy</p> |



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| 5:00 pm | Closing Session<br>Speech by YBhg. Datuk Dr. Yee Moh Chai, Chairman of SEDA Malaysia<br>Closing by YB Minister of Utilities, Sarawak | [C1]      |
| 5:30 pm | End  |           |

**Thank you for being a part of 4<sup>th</sup> ISES 2018!**

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**Note:**

- [C1] – Colosseum 1, Level 2 : **Day 1** – Opening Ceremony, Plenary 1, Plenary 2, DDW 1, DDW3  
: **Day 2** – Plenary 3, DDW 5, DDW7, DDW 9 & Closing session
- [C2] – Colosseum 2, Level 2 : Networking Lunch
- [P1] – Petra 1, Level 2 : **Day 1** – DDW 2, DDW4 | **Day 2** – DDW 6, DDW 8, DDW 10
- [TAJ MAHAL & GIZA] – Level 2 : Business Networking Session