

Clean Energy Expo Asia

18 – 20 November 2009 • Shangri-la Hotel, Singapore

CONFERENCE PROGRAM

Day 1, Wednesday 18 November 2009 - Clean Energy Renewables			
0900 - 1000	Opening Ceremony & Keynotes (Tower Ballroom) Opening Address by Mr Edwin Khew , Chairman, Sustainable Energy Association of Singapore Opening Address by Mr Michael Dreyer , Vice President, Asia Pacific, Koelnmesse Opening Address by Mr David Tan , Deputy Chief Executive, Energy Market Authority Address by Guest of Honour: Dr Amy Khor , Senior Parliamentary Secretary, Ministry of Environment and Water Resources Keynote Speech: Mr WooChong Um , Deputy Director General, Regional and Sustainable Development Department, Asian Development Bank		
1000 - 1030	Networking Break and Visit to Trade Fair (Island Ballroom)		
10.30 - 12.00	Plenary: Challenges and Opportunities for the development of Clean Energy Technologies in Asia (Tower Ballroom) Moderator: Dr. Peter du Pont , Chief of Party, ECO-Asia Clean Development and Climate Program, USAID Contractor, International Resources Group Panelists: - Mr Sean Sutton , Asia Pacific President, Vestas Asia Pacific Wind Technology Pte. Ltd. - Mr Paul Curnow , Partner, Baker & McKenzie - Dr. Armin Sandhoevel , CEO, Allianz Climate Solutions - Prof. Armin G. Aberle , Deputy CEO, Solar Energy Research Institute of Singapore - Mr Mark Fogarty , Executive Director, CBD Energy		
1200 - 1330	Delegate Lunch and Visit to Trade Fair		
	Solar Energy Technologies (Casuarina Room)	Biomass Technologies and Sustainable Biofuels (Acacia Room)	Other Clean Energy Technologies (Banyan Room)
1330 - 1415	Silicon wafer photovoltaics Overview of the silicon wafer solar field - Dr. Rob Steeman , VP Technology, REC Cells Pte Ltd	Sustainable Investments in Urban Waste Management Infrastructure - Mr Ricky Beltran , CEO, Clean Tech Energy Systems, Inc.	Geothermal success story and opportunities in Indonesia - Mr. Suryadarma , President, Indonesian Geothermal Association Geothermal Energy Developments in Indonesia - Dr. Herman Darnel Ibrahim , Member, National Energy Council, The Republic of Indonesia
1415 - 1500	Silicon thin film photovoltaics Review on thin-film PV technologies - Prof. Armin G. Aberle , Deputy CEO, Solar Energy Research Institute of Singapore	Sustainable Biofuels Land use and environmental impacts <i>Biofuels in Asia</i> - Mr. Pradeep Tharakan , Deputy Chief of Party, ECO-Asia Clean Development and Climate Program, USAID Contractor, International Resources Group	Significance of wind & site studies – The importance of quality wind - Mr. Søren Lønholdt Jacobsen , Deputy Manager, Vestas Asia Pacific Wind Technology Pte Ltd Windpower for remote industrial sites - Mr Tim Adams , Founder, Seawind Global
1500 - 1545	Optical concentrating for solar electric activities The potential for low-cost electricity from concentrating solar power systems - Mr Julian Lopez Garridor , Abengoa Solar S.A Connectivity Technology for PV Systems - Mr Max Goeldi , Product Unit Manager Industrial, HUBER+SUHNER AG	A Sustainable World through Jatropa Plantation - Mr Naren Raju , CEO, BioEnergy Plantations Pte Ltd	Key Success Factors in Renewable Power in Asia - Mr Sameer S. Shetty , Managing Director, Boving Fouress (P) Limited
1545 - 1700	Networking Break and Visit to Trade Fair (Island Ballroom)		
1700 - 1745	Closing Address: The Energy System of the Future, and the Role of the Smart Grid (Tower Ballroom) - Mr Michael Liebreich , Chairman & CEO, New Energy Finance		

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Day 2, Thursday 19 November 2009 - Clean Energy - Energy Efficiency			
Panel Discussion: Energy Efficiency as a Clean Energy Resource (Tower Ballroom)			
0900 - 1000	Moderator: Mr. Warren Fernandez , Regional Director (Asia Pacific), Communications Strategy, Shell Eastern Petroleum (Pte) Ltd Panelists: - Mr. A Ram Bhaskar , Head (Energy Efficiency Programme Office) Resource Conservation Department, National Environment Agency - Mr. Samuel Tumiwa , Principal Planning and Coordination Specialist, Regional and Sustainable Development Department, Asian Development Bank - Mr. Dilip R Limaye , President and CEO, SRC Global Inc. - Ms. Amanda McCluskey , Head of Sustainability and Responsible Investment, Colonial First State Global Asset Management - Mr Clay Nesler , Vice President, Global Energy and Sustainability, Johnson Controls Inc.		
1000 - 1030	Networking Break and Visit to Trade Fair		
Panel Discussion: ESCO Case Studies for Asia (Tower Ballroom)			
1030 - 1130	Moderator: Mr. Samuel Tumiwa , Principal Planning and Coordination Specialist, Regional and Sustainable Development Department, Asian Development Bank Panelists: - Ms. Fiza Farhan , Director, Buksh Energy - Mr. Frederick E. Lacroix , Chief Executive Officer, The PowerSource Group LLC - Mr. Vincent Low , Director, G-Energy Global Pte Ltd		
1130 - 1300	Networking Lunch Sponsored by Vitol Asia Pte Ltd (Island Ballroom)		
	Energy Efficiency in Manufacturing (Casuarina Room)	Energy Efficiency in Buildings (Acacia Room)	Energy Efficiency in Transportation (Banyan Room)
1300 - 1345	Renewable Energy to power Information and Communication Technologies (ICT) - Mr. Patric Remus , Senior Telecommunications Adviser, Bridge Connect Ltd. Smart Shared Spaces - The path to Sustainable Real Estate - Mr Oliver Goh , CEO, Shaspa International	Innovations into making buildings green and Energy Efficient - Mr Toby Warren , Energy Manager, Honeywell Building Solutions Solar Thermal Energy application – Large Scale Solar Cooling System in Buildings - Dr. Christian Holter , CEO, SOLID GmbH	Sustainable Urban Mobility in Asia - Ms. Sophie Punte , Executive Director, Clean Air Initiative for Asian Cities
1345 - 1430	Real time energy manufacturing solutions - Ms Sherie Ng , Vice President – Strategy & Marketing (Asia Pacific), Invensys Process Systems An integrated approach to Energy Efficiency in Automation Control - Amit Kansal , Global Business Director, Power, Honeywell Process Solutions	Lighting & Elevator - Mr Marten Willemsen , Head of Asia Lighting, Philips Energy Efficiency in Lighting - Mr Sohail Hasnie , Principal Energy Specialist, Southeast Asia Water and Energy Division, ADB	LPG as used as a transportation fuel in Asian cities - Mr Michael Kelly , Director, Market Development, World LPG Gas Association Compressed Natural Gas – what can Asia learn from Europe and what can Europe learn from Asia - Alexander C. Melchers , General Manager, C.Melchers GmbH & Co.,
1430 - 1515	EE in Steel & Cement - Dr. Sujit Ghosh , CEO, Holcim (Singapore) Pte Ltd	Retrofitting existing buildings - Mr Clay Nesler , Global VP of Sustainability, Johnson Controls, Inc. Achieving Energy Efficiency in Buildings - Mr Anand C Pande , Key Qualified Person, Det Norske Veritas	Carbon neutral growth - securing global mobility for Asia in a greener future - Dr. Karlheinz Haag , Head of Environmental Issues, Lufthansa Group Transformation of the future of automobiles - Mr Klaus Landhaeusser , Manager, Diesel Systems, Robert Bosch (SEA) Pte Ltd
1515 - 1545	Networking Break and Visit to Trade Fair		
1545 - 1630	Initiative for Energy Efficiency in Indian Steel Re-rolling Sector - Mr. Vijay Prakash Saha , Chairman, Energy Saving Commission, World Foundry Organization, Birmingham (UK)	Green Design vs. Green Operations: The Importance of Operations in Long Term Energy Savings - Mr David Hathaway , ICF principal & MD, ICF International Designing green buildings – codes and regulations on environmental sustainability - Mr Lee Chuan Seng , President, Singapore Green Building Council and Chairman, BCA Green Mark Advisory Committee	Sustainable Mobility in Asia – The Quimera Project - Mr David García Pérez , Managing Director & Mr Javier de Rocafort, Chairman, Quimera Project District- Level Clean Energy Management: Townships and Business Parks - Mr. Rolf C Bushmann , Director, EnEd Asia Pte Ltd
1630 - 1800	Visit to Trade Fair (Island Ballroom)		

CONFERENCE PROGRAM

Day 3, Friday 20 November 2009 - Clean Energy Policies, Projects and Financing			
	Projects	Policies	Finance
0900 - 0945	<p>Sino-Singapore Tianjin Eco-City</p> <p>- Mr Goh Chye Boon, CEO, Sino-Singapore Tianjin Eco-city Investment & Development Co. Ltd.</p>	<p>Clean Energy Initiatives in Singapore</p> <p>- Mr A Ram Bhaskar, Head (Energy Efficiency Programme Office) Resource Conservation Department, National Environment Agency</p> <p>Exploring Newer Policy in Cleaning "Dirty" Energy</p> <p>- Mr. Tony Eng, Sales Director, Escopec Global Technology</p>	<p>Private Sectors investment in Clean Energy Projects</p> <p>- Mr Jeffrey Dickinson Asia Regional Manager, E+Co.</p> <p>Private Sectors investment in Clean Energy Projects</p> <p>- Mr Nicholas Parke, Executive Chairman, Cleantech Group LLC</p>
0945 - 1030	<p>Saudi Arabia's first large-scale solar power plant</p> <p>- Mr Marc Lohoff, Managing Director, Asia Pacific and Middle East, Conergy Renewable Energy Singapore</p>	<p>The Global Carbon Market Outlook on the way to Copenhagen and the implications for Clean Energy Development in Asia</p> <p>- Mr Dinesh Babu, CEO, The Carbon Rating Agency</p> <p>Trading in the New Carbon Markets: Opportunities for Cleantech players in Asia</p> <p>- Ms Suzanne Chew, Senior Emissions Broker, TFS Green</p>	<p>How CDM works today with respect to the development of Clean Energy Projects in China</p> <p>- Mr Markus Schwegler, Country Manager, CDM Service Unit China, German Federal Ministry for the Environment</p> <p>The role of carbon funds in a post-Kyoto carbon market</p> <p>- Mr Lukas Heer, Regional Manager SEA, First Climate AG</p>
1030 - 1100	Networking Break and Visit to Trade Fair (Island Ballroom)		
1100 - 1145	<p>Small Remains Beautiful: Energizing Rural Poor in Asia with Small Wind Power Systems</p> <p>- Dr. Kangbin Zhen, Energy Specialist, East Asia Energy, Asian Development Bank</p>	<p>Certifications for Global and Local Market Access- UL's partnership programmes</p> <p>- Mr. Krishna Kumar, Director-Energy Asia Pacific, UL International - Singapore Pte Ltd</p>	<p>Case Study: The Sinan Solar Photovoltaic Project</p> <p>- Mr Brad Sterley Director, Renewable Energy & Environmental Finance, Standard Chartered Bank</p> <p>Financing Clean Energy Projects in Troubled Times</p> <p>- Mr Ken Cheung, Partner, Watson, Farley & Williams LLP</p>
1145 - 1230	<p>Acquasol - world-first solar/gas powered desalination plant</p> <p>- Mr Stewart Taggart Director, Acquasol Infrastructure Ltd.</p>	<p>European Business Forum</p> <p>Welcome & Introduction</p> <p>- Mr Micheal Collins Chairman, Sustainability Committee of the European Chamber of Commerce</p> <p>The German and other European PV Markets: Current Status and Future Prospects</p> <p>- Mr Tobias Rothacher, Manager Renewable Energies & Resources, Germany Trade and Invest GmbH</p> <p>NExBTL Renewable Diesel</p> <p>- Mr Petri Jokinen, Managing Director, Neste Oil Singapore Pte Ltd</p> <p>An Industry Update on European Nuclear Power</p> <p>- Dr Selena Ng, Director, Asia-Pacific Business Development, Areva</p>	<p>Facilitating Finance for Energy-Efficiency Service Providers and ESCOs through the Private Financing Advisory Network (PFAN)</p> <p>- Mr Peter Dupont, Chief of Party, ECO-Asia Clean Development and Climate Program, USAID Contractor, International Resources Group (IRG), an L-3 Company</p> <p>Debt Financing for Clean Energy Projects</p> <p>- Mr Paul Curnow, Partner, Baker & McKenzie</p>
1230 - 1400	Lunch Sponsored by Tuas Power		
	Research & Development	Policy Trends	Investment Trends
2.00 - 2.45	<p>Opening Remarks</p> <p>- Mr. Yoshichika Terasawa Managing Director of JETRO Singapore</p> <p>Overview of Japanese Policies in Energy Efficiency and Renewable Energy</p> <p>- Mr. Satoshi Nakamura Assistant Director for International Affairs, Policy Planning Division, Energy Conservation and Renewable Energy Department, Agency for Natural Resources and Energy</p>	<p>Key Challenges facing the Asian Solar & Wind Industry</p> <p>- Mr Sunil Gupta, Managing Director, Morgan Stanley Asia</p>	<p>Private Equity's Perspective on Asia Clean Energy Investment</p> <p>- Mr Vince Choi, Director – Investments, Middle East & Asia Capital Partners Pte. Ltd.</p> <p>Case Studies: Development and Investment in Renewable Energy Projects</p> <p>- Ms Carol Tan, Head of Project Finance, EPURON ASIA</p>
2.45 - 3.30	<p>Activity of Japanese Business Alliance for Smart Energy Worldwide</p> <p>- Mr. Nobuo Takagi General Manager, Business Alliance Support for EE&C Department, The Energy Conservation Center, Japan</p> <p>Building Energy Management System in Japan</p> <p>- Mr. Toshiyasu Sumitomo Manager, Environmental Management Promotion Department, Environmental Solution Headquarters, Yamatake Corporation</p> <p>Energy Solution in Japan</p> <p>- Dr. Hiroshi Hanafusa General Manager, Energy Solution Business Division, SANYO Electric Co., Ltd.</p>	<p>The Brazilian Model: Overview of Renewable Energy Policies</p> <p>- Mr. Andre Correa Do Lago, Director for the Energy Department, Ministry of External Relations, Brazil</p>	<p>Supporting renewable energy/clean tech investments in 150 emerging markets</p> <p>- Ms Diana Jensen, Senior Manager, Renewable Energy and Sustainable Development Finance, Overseas Private Investment Corporation (OPIC)</p>
3.30 - 4.30	Coffee Break & Visit Trade Fair		
4.30 - 5.15	<p>Closing Plenary: DESERTEC-Asia - A Clean Energy Vision for Asia Pacific</p> <p>Presenter: Mr Stewart Taggart Founder, Deserotec-Asia</p> <p>Panelists:</p> <p>- Mr Mark Fogarty Executive Director, CBD Energy</p> <p>- Mr Mumtaz Khan, Founder and CEO, Middle East & Asia Capital Partners Pte Ltd</p> <p>- Mr. Mu Shin Kim, Investment Specialist, Capital Markets and Financial Sectors Division, Private Sector Operations Department, Asian Development Bank</p>		