

# ASIA CLEAN ENERGY FORUM

June 3–5, 2008 • ADB Headquarters, Manila, Philippines

INVESTING IN SOLUTIONS THAT ADDRESS CLIMATE CHANGE AND ENERGY SECURITY



ADB co-sponsors include the Governments of Australia, Japan, Norway and Spain

# AGENDA FOR PARTICIPANTS

## WELCOME

Welcome to Asia Clean Energy Forum 2008: Investing in Solutions that Address Climate Change and Energy Security. The Forum is a platform for project developers, the financial community, and policy makers to share information and exchange best practices on clean energy policy, finance, and the scaling up of clean energy technology. Over the next three days, you will be able to attend sessions on demand side and renewable energy; strategies, solutions, and options to address climate and energy security; and clean energy finance and market development. You are also invited to present and explore innovative ideas during the first annual *Asia Clean Energy Marketplace of Ideas*. We hope you that you will make the most of this opportunity to engage with other leaders in the energy field to promote effective policies and finance strategies for the promotion of clean energy in Asia. Thank you for joining us.

**TUESDAY, 3 JUNE 2008**

|  |  |
|--|--|
| 8:00 – 8:30 am<br>GALLERY                | REGISTRATION   |
| 8:30 – 10:00 am<br>AUDITORIUM A, B, & C  | <b>SESSION 1: OPENING &amp; WELCOME: A CALL TO ACTION</b><br><br>Welcome Ursula Schäfer-Preuss, Vice President, Knowledge Management and Sustainable Development, Asian Development Bank (ADB) ( <a href="#">speech</a> )<br><br>Keynotes: <ul style="list-style-type: none"><li>• <a href="#">Angelo T. Reyes</a>, Secretary of Energy, Philippines</li><li>• <a href="#">Paul Jones</a>, Deputy Chief of Mission, U.S. Embassy, Philippines</li><li>• Enrique Peñalosa, Former Mayor of Bogota, Colombia (<a href="#">presentation</a>)</li></ul>  |
| 10:00 – 10:30 am                         | COFFEE BREAK   |
| 10:30 – 12:15 pm<br>AUDITORIUM A, B, & C | <b>SESSION 2: VISIONS FOR A LOW-CARBON ENERGY FUTURE</b><br>This panel discussion conveyed a range of perspectives on the future, covering energy, lighting, and management systems. It addressed issues such as: What will the energy system of the future look like? How will our lighting systems function and differ from lighting today? How can energy efficiency be integrated into management best practice in order to make the transition to a truly low-carbon economy?<br><br>CHAIR: Ann Quon, Director, Department of External Relations, ADB<br>SPEAKERS: <ul style="list-style-type: none"><li>• Anders Nordstrom, Group Sustainability Advisor, ABB Group, Sweden <a href="#">“Efficient Use of Power – a Key to Sustainability and Growth”</a></li><li>• Martin Willemsen, Director of Global Product Management - CFLs, Philips Lighting, the People’s Republic of China (PRC) <a href="#">“The Future of Lighting Systems”</a></li><li>• Robert Williams, Chief, Energy Efficiency and Climate Change Unit, UNIDO, Austria <a href="#">“Industrial Energy Efficiency and Energy Management Standards”</a></li><li>• Gerry Duffy, Senior Policy Advisor in Finance, Climate Change and Middle Income Countries, DFID, UK <a href="#">“Financing for Climate Change: Climate Investment Funds”</a></li><li>• Wochong Um, Director, Energy, Transport and Water Division, ADB “ADB’s Climate Change Program”</li></ul> |
| 12:15 – 12:30pm                          | <a href="#">GROUP PHOTO</a>  |
| 12:30 – 2:00 pm                          | LUNCH  |

|   |  |  |
|---|--|--|
| 2:00 – 3:30 pm  | <b>BREAKOUT SESSIONS</b>   |  |
| <p><b>SESSION 3: ACCESS TO ENERGY</b><br/>AUDITORIUM C</p> <p>This panel defined energy access, reported on current rates of access to energy as well as discuss the main barriers to improved access both regionally and in specific countries. Presenters described successful models for scaling up different technologies that improve energy access, and possible sources of funding and investment. This panel also reported the results of the pre-forum workshop held on 2 June.</p> <p>CHAIR: Craig Wilson, Executive Director, Foundation for Development Cooperation, Australia</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> <li>• Bikash Pandey, Director, South Asia Clean Energy Program, Winrock International, Pakistan</li> <li>• Felix ter Heedgde, Chief Technical Advisor, SNV, The Netherlands</li> <li>• Hari Natarajan, Global Village Energy Partnership International, India</li> <li>• Mark Fogarty, Chair, Asia Pacific Steering Committee, Renewable Energy and Energy Efficiency Partnership, Australia</li> </ul> | <p><b>SESSION 4: ENERGY EFFICIENCY IN COAL POWER PLANTS</b><br/>MINI-THEATER 2</p> <p>This panel discussion covered a range of options for making significant improvements in coal plant efficiency that will substantially reduce operating costs, local pollutants, and greenhouse gas emissions.</p> <p>CHAIR: Stratos Tavoulareas, Coal Expert, USAID ECO-Asia Clean Development and Climate Program, U.S.</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>• R. K. Jain, Consultant, (Retired) Central Electricity Authority, India <a href="#"><u>“Managing Energy Efficient Renovation and Modernization Project”</u></a></li> <li>• Stefan Robertson, Group Director –Corporate Finance &amp; Development, CLP Holdings Ltd, India <a href="#"><u>“Climate Change and Coal: An Action Agenda for Developers and Financiers”</u></a></li> <li>• Jianxiong Mao, Professor of the Department of Thermal Engineering, Tsinghua University, PRC <a href="#"><u>“Status and Development of China’s Electric Power”</u></a></li> </ul> | <p><b>SESSION 5: CLEAN ENERGY REGULATORY ISSUES</b><br/>AUDITORIUM A</p> <p>This panel addressed the issue of regulatory design, and how it is essential to lay the foundation for scaling up investments in clean energy technologies.</p> <p>CHAIR: Hamid Sharif, Assistant General Counsel, ADB</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>• Smita Nakhooda, Associate in the Institutions and Governance Program, World Resources Institute, U.S. <a href="#"><u>“Clean Energy, Good Governance and Regulation of the Power Sector”</u></a></li> <li>• Arthur Mitchell, Senior Counsel, White and Case, U.S. <a href="#"><u>“Regulatory Barriers to Investment in Clean Energy in Asia”</u></a></li> <li>• Wayne Shirley, Director, Regulatory Assistance Project (RAP), U.S., <a href="#"><u>“Utility Business Models: Clean Energy Incentives and Disincentives”</u></a></li> <li>• Ted Flanigan, President, Eco Motion, U.S. <a href="#"><u>“Comparing German and California Solar Energy Models”</u></a></li> </ul> |
| 3.30 – 4:00 pm  | COFFEE BREAK   |  |
| 4.00 – 6:00 pm<br>AUDITORIUM D  | <p><b>SESSION 6: MARKETPLACE OF IDEAS</b></p> <p>The <i>Marketplace of Ideas</i> is an opportunity for Asia’s most promising clean energy solutions to be promoted, discussed and matched with private sector and international donor funding. The Marketplace of Ideas provided Forum participants with the opportunity to exchange information through informal dialogue with more than 475 members of the private sector, public sector, civil society and academia. Judges selected five entries for Innovation Awards in the following categories:</p> <ul style="list-style-type: none"> <li>• Renewable Energy Solutions</li> <li>• Energy Efficiency Solutions</li> <li>• Energy Access Solutions</li> <li>• Clean Energy Supply Solutions (including cleaner fossil fuel solutions)</li> <li>• Clean Energy Finance Solutions</li> </ul> <p><b>FEATURED INNOVATIONS FROM:</b> Cambodia, People’s Republic of China, India, Indonesia, Philippines and Thailand.</p>   |  |
| 6:00 pm<br>EXECUTIVE DINING ROOM,<br>ADB  | <b>COCKTAIL RECEPTION, HOSTED BY ADB</b>   |  |

**WEDNESDAY, 4 JUNE 2008**

|                  |  |
|------------------|--|
| 8:30 – 10:30 am  | <b>SESSION 7: SUSTAINABLE BIOFUELS: ENERGY SOLUTION OR IMPENDING DISASTER?</b><br>Recent events have cast doubt on the adoption of biofuels as a core strategy for reducing energy dependence, in terms of food availability and prices, as well as the net energy and GHG mitigation benefits. This panel discussed how biofuels can be developed sustainably, in light of recent events and research, and highlighted the key policies and actions needed for a sustainable approach to the use of biofuels.<br><br>CHAIR: Lawrence Greenwood, Vice President, Operations, ADB<br>SPEAKERS: <ul style="list-style-type: none"><li>• Amnuay Thongsathitya, Inspector-General, Ministry of Energy, Thailand <a href="#">“Thailand’s Plans &amp; Future Targets for Biofuels Development”</a></li><li>• Tony Dowd, Principal, New Horizon Capital, United Kingdom <a href="#">“Navigating the Storm: Delivering Business Sustainability”</a></li><li>• Dan Millison, Biofuels Expert, Delta-T Corporation, U.S. <a href="#">“Jihad vs. McMaize: Reporting from the Front in the Biofuel Wars”</a></li></ul> |
| 10:30 – 11:00 am | COFFEE BREAK   |
| 11:00 – 12:30 pm | <b>BREAKOUT SESSIONS</b>   |

|  |  |  |
|--|--|--|
| <p><b>SESSION 8: STRATEGIES FOR SUSTAINABLE DEVELOPMENT OF BIOFUELS</b><br/> <b>MINI-THEATRE 1</b><br/> This panel built on the previous plenary session and explored the role of biofuels in meeting future energy needs, technology and policy options, and what guidelines or standards are needed as a framework for development of biofuels.</p> <p>CHAIR: Pat DeLaquil, Principal, International Resources Group, U.S.</p> <p><b>SPEAKERS:</b></p> <ul style="list-style-type: none"> <li>• Mercedita Sombilla, Biofuels Expert, SEARCA, Philippines <a href="#">“Biofuels Development Initiative in the Greater Mekong Subregion”</a></li> <li>• Kan-Ichiro Matsumura, Department of Informatics, School of Policy Studies, Kwasei Gakuin University, Japan <a href="#">“The Competition between Food and Biofuels in Asia”</a></li> <li>• Hans-Jenning Judek, President and CEO, Energy Visions Japan Co., Japan <a href="#">“New Decentralized Energy Concept for Remote Regions in Developing Countries”</a></li> <li>• Cora Claudio, President, EARTH Institute Asia, Inc., Philippines <a href="#">“Sustainable Development of Biofuels through the 4Ps Strategy”</a></li> </ul> | <p><b>SESSION 9: ADVANCED COAL UTILIZATION OPTIONS: IGCC AND CCS</b><br/> <b>MINI-THEATER 2</b><br/> Two of the most advanced technologies for coal power plants are Integrated Gas Combined Cycle (IGCC) and Carbon Capture and Storage (CCS). Panelists addressed the status of technologies, costs and feasibility, and how approaches can be adapted for implementation in Asia.</p> <p>CHAIR: Stratos Tavoulareas, Coal Expert, USAID ECO-Asia Clean Development and Climate Program, U.S.</p> <p><b>SPEAKERS:</b></p> <ul style="list-style-type: none"> <li>• Sandeep Tandon, Project Officer, Greenhouse Gas Pollution Prevention project, USAID, India <a href="#">“IGCC Technology Choice for Future Power Development in India”</a></li> <li>• Justin Swift, Deputy Assistant Secretary for International Affairs, Office of Fossil Energy, U.S. Department of Energy, U.S. <a href="#">“Advanced Coal Utilization Options: IGCC and CCS”</a></li> <li>• Su Wenbin, President, GreenGen, PRC, <a href="#">“GreenGen Project, China”</a> *</li> <li>• Ashok Bhargava, Senior Energy Specialist, ADB <a href="#">“Financing for IGCC and CCS”</a></li> </ul> <p>*Presentation delivered by Ashok Bhargava</p> | <p><b>SESSION 10: STRATEGIES FOR SCALING UP INVESTMENT (PART 1)</b><br/> <b>AUDITORIUM A</b><br/> One of the challenges in scaling up clean energy deployment is matching investment capital with good projects. This session showed a range of approaches for scaling up finance, and managing risk in renewable energy projects.<br/> CHAIR: Carmela Locsin, Deputy Director General, Regional Sustainable Development Department, ADB</p> <p><b>SPEAKERS:</b></p> <ul style="list-style-type: none"> <li>• Fredrick Crampe, Managing Director, ReEx Capital Asia, Singapore <a href="#">“ReEx Capital Asia: Lessons Learned and Potential for International Replication”</a></li> <li>• Duncan Ritchie, Chief Executive Officer, Aequero, Hong Kong, China <a href="#">“Investing in Clean Energy in Asia”</a></li> <li>• John Moran, Director, Product and Business Development, Insurance Department, Overseas Private Investment Corporation, U.S. <a href="#">“Mitigating Risk: Opportunities for Financing and Insuring Investments in Renewable and Clean Energy”</a></li> <li>• Eric Usher, Head, Renewable Energy Finance Unit, United Nations Environment Programme (UNEP), France, <a href="#">“Mobilizing Investment in Sustainable Energy Markets”</a></li> </ul> |
| <p>12:30 – 2:00 pm</p>   | <p>LUNCH</p>   |  |

|                |  |
|----------------|--|
| 2:00 – 3:30 pm | <p><b>SESSION 11: OPEN SPACE SESSIONS</b></p> <p>Financing Clean Energy for the Poor and Women (organized by ENERGIA)<br/>AUDITORIUM A</p> <p>Clean Energy Practitioner Capacity Building in Universities &amp; Institutes in Asia<br/>MINI-THEATER 1</p> <p>Improving Air Quality by 75 percent in Asian Cities<br/>MINI-THEATER 2</p> <p>Participants are encouraged to plan additional roundtables on topics of interest. To reserve a space, please contact the Forum Secretariat.</p> |
| 3:30 – 4:00 pm | COFFEE BREAK   |
| 4:00 – 5:30 pm | <b>BREAKOUT SESSIONS</b>   |

|   |  |   |
|---|--|---|
| <p><b>SESSION 12: LESSONS FROM UTILITY DEMAND SIDE MANAGEMENT (DSM) PROGRAMS</b><br/>MINI-THEATER 1</p> <p>CHAIR: Anil Terway, Director, East Asia Energy Division, ADB “Efficiency Power Plant Program”</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> <li>• Napaporn Phumarapand, Director, Demand-Side Management &amp; Planning Division, Electricity Generating Authority of Thailand (EGAT), Thailand <a href="#">“Thailand DSM Programs: Financing Mechanisms and Program Design, the Keys to Success”</a></li> <li>• Amol Phadke, Post-Doctoral Fellow, Lawrence Berkeley National Laboratory, U.S. <a href="#">“Promoting Energy Efficiency in the Indian Electricity Sector: Utility Incentives and Regulation”</a></li> <li>• Nitin Pandit, President, International Institute for Energy Conservation (IIEC), U.S. <a href="#">“Lessons from Energy Efficiency Interventions in Indian States”</a></li> <li>• Timothy Hui, Country Manager, Natural Resources Defense Council (NRDC), PRC <a href="#">“Development of a Government-led Mechanism for DSM in PRC”</a></li> </ul> | <p><b>SESSION 13: COMMUNICATING A CLEANER FUTURE</b><br/>MINI-THEATER 2</p> <p>This panel focused on how to communicate clean energy policy developments, program achievements and cleaner technologies to policymakers and the public in order to promote a cleaner energy future.</p> <p>CHAIR: Ann Quon, Director, Department of External Relations, ADB</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>• Suryanarayan Ramanan, Market Head of GE Energy Asia Pacific, <a href="#">“Technological Innovations for Global Energy Challenges”</a></li> <li>• Pierre Beaulne, Communications Director, USAID ECO-Asia Clean Development and Climate Program, Thailand <a href="#">“Communicating International Development Results”</a></li> <li>• Red Constantino, Executive Director, NGO Forum on the ADB, Philippines <a href="#">“Communicating Urgencies, Acting on Realities: What is Clean? Who’s Future?”</a></li> </ul> | <p><b>SESSION 14: STRATEGIES FOR SCALING UP INVESTMENT (PART 2)</b><br/>AUDITORIUM A</p> <p>One of the great challenges in scaling up clean energy deployment is matching investment capital with good projects. This session showed a range of approaches to financing energy-efficiency.</p> <p>CHAIR: Carmela Locsin, Deputy Director General, Regional Sustainable Development Department, ADB</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>• Nicholas Anderson, Senior Vice President, SEK, Swedish Export Credit Corporation, Ukraine <a href="#">“Investing in Energy Efficiency in a Transition Economy: Experience from the Ukraine Energy Efficiency Programme (UKEEP)”</a></li> <li>• Peter Szentel, President, Szen Corp., Australia <a href="#">“Financing the Upgrade of Existing Commercial Buildings: the Australian ESCO Experience”</a></li> <li>• John MacLean, Regional Finance Expert, USAID ECO-Asia Clean Development and Climate Program, U.S. <a href="#">“New Developments in Energy Efficiency Finance in China”</a></li> </ul> |
| 6:00 – 8:00 pm  | RECEPTION HOSTED BY USAID, RUBY BALLROOM, 4 <sup>th</sup> FLOOR, CROWNE PLAZA HOTEL  |   |

**THURSDAY, 5 JUNE 2008**

9:00 – 10:30 am

**BREAKOUT SESSIONS****SESSION 15: GRID-CONNECTED RENEWABLE ENERGY SYSTEMS**

## MINI-THEATER 1

This panel will covered developments in renewable energy in Thailand and also included a specific focus on wind energy development in Indonesia.

CHAIR: [Conrado Heruela, Regional Renewable Energy Specialist, Thailand](#)

## SPEAKERS:

- Boonrod Sajjakulnukit, Senior Manager, Department of Alternative Energy Development and Efficiency (DEDE), Thailand [“Overview of Thailand's Renewable Energy Strategy and Policies”](#)
- Markson Tang, Founder, Daily Life Renewable Energy, Singapore [“MICROGRID: Remote Area Power System Technology for the 21st Century”](#)
- Helena Eriksson, Technical Manager, Engineering Department, Ponte di Archimede International, S.P.A. “Marine Current Energy Exploitation”

**SESSION 16: ENERGY SOLUTIONS FOR CITIES (PART 1: FRAMING THE ISSUES)**

## MINI-THEATER 2

This panel framed general issues and opportunities for scaling up renewable energy and energy efficiency programs in cities.

CHAIR: Emiel Wegelin, Program Coordinator, Cities Development Initiative for Asia, GTZ “Cities Development Initiative for Asia”

## PANELISTS:

- Michael Lindfield, Principal Urban Development Specialist, ADB [“City Regions and Climate Change”](#)
- Robin Hickman, Associate Director and Transport Planner, Halcrow, UK [“Transport and Climate Change: Lessons from London and New Delhi”](#)
- Cornie Huizenga, Executive Director, Clean Air Initiative, Philippines [“Low Carbon Development Scenarios for Asian Cities: Scaling up Win-win solutions of Climate Change and Air Quality Management”](#)

**SESSION 17: APPROACHES TO CLEAN ENERGY FINANCE**

## AUDITORIUM A

This panel brought together implementers of a range of Asia-Pacific Partnership on Clean Development and Climate (APP) projects in India to share their lessons learned and prospects for the future.

CHAIR: Orestes Anastasia, Regional Environment Advisor, US Agency for International Development, Regional Development Mission for Asia (USAID/RDMA)

## SPEAKERS:

- Bhaskar Natarajan, Country Coordinator, USAID ECO-Asia Clean Development and Climate Program, India [“EE Finance in India: Some Progress, and What Next?”](#)
- Ella Aglipay Delio, Senior Associate, World Resources Institute, U.S. [“New Ventures India Green Investor Network: Initial Results and Lessons”](#)
- Russell de Lucia, President, Small Scale Sustainable Infrastructure Development Fund, U.S. [“S3IDF's Social Merchant Bank Model for Financing”](#)

10:30 – 11:00 am

COFFEE

|   |   |   |  |
|---|---|---|--|
| 11:00 – 12:30 pm  | <b>BREAKOUT SESSIONS</b>  |   |  |
| <p><b>SESSION 18: MINI-GRID AND OFFGRID SOLUTIONS</b><br/> <b>MINI-THEATER 1</b><br/> This panel covered experience with development of mini-grid and off-grid electricity systems.</p> <p>CHAIR: Soma Dutta, Regional Coordinator, ENERGIA</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>M M R Pathmasiri, Director (Energy Management), Energy Conservation Fund, Sri Lanka <a href="#">“Biomass Gasification for Rural Electrification”</a></li> <li>Md. Tazmilur Rahman, KfW, Bangladesh <a href="#">“Solar Photovoltaic in Bangladesh – Prospect and Opportunity in Off-grid Areas”</a></li> <li>Romeo Pacudan, Senior Adviser to the Renewable Energy and Energy Efficiency Programme and Hydropower Promotion Programme, GTZ, Pakistan <a href="#">“Off-Grid Rural Electrification: Case of Pakistan and Yemen”</a></li> </ul> | <p><b>SESSION 19: VISION, PRACTICES AND LESSONS LEARNED FROM PRC</b><br/> AUDITORIUM D<br/> This panel examined recent efforts to ramp-up energy efficiency and renewable energy programs in China.</p> <p>CHAIR: <a href="#">Jun Tian, Advisor, Regional and Sustainable Development Department, ADB</a></p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>Zhou Dadi, Professor, Energy Research Institute, PRC <a href="#">“Toward Sustainable Energy Development in China”</a></li> <li>Cong Yu, Energy Efficiency Center, Energy Research, Institute, PRC <a href="#">“Recent Experience with Energy Efficiency Policies and Measures in China”</a></li> <li>Song Yanqin, Deputy Director, Research Mgt. and International Cooperation Dept., Energy Research Institute, PRC <a href="#">“Renewable Energy in China”</a></li> </ul> | <p><b>SESSION 20: ENERGY SOLUTIONS FOR CITIES (PART 2: IMPLEMENTING CHANGE)</b><br/> MINI-THEATER 2<br/> This panel discussed the challenges and opportunities for scaling up energy efficiency and clean energy policies in cities.</p> <p>CHAIR: Michael Lindfield, Principal Urban Development Specialist, ADB</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>I.P. Gautam, AS Municipal Commissioner, Ahmedabad Municipal Corp., India <a href="#">“Lessons Learned and Challenges in Addressing Transportation-Related Problems in Ahmedabad”</a></li> <li>Peggy Liu, Director, Joint U.S.-China Cooperation on Clean Energy, PRC, <a href="#">“JUCCCE and City Level Energy Efficiency”</a></li> <li>Davaasuren Janchivdorj, Head, Road and Design Bureau, Capital City Road Department, Ulaanbaatar, Mongolia <a href="#">“Pilot Project: Thermal-technical rehabilitation of apartment panel building”</a></li> </ul> | <p><b>SESSION 21: LESSONS LEARNED FROM ENERGY EFFICIENCY AND CLEAN ENERGY FUNDS</b><br/> AUDITORIUM A<br/> This panel discussed energy efficiency and clean energy funds in the U.S., Korea, and Thailand as well as an innovative fund for PRC, established with proceeds from the sale of certified emissions reductions.</p> <p>CHAIR: John MacLean, Regional Finance Expert, USAID ECO-Asia Clean Development and Climate Program, U.S.</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>Malcolm Verdict, Associate Director, Energy Systems Laboratory Texas A&amp;M University, U.S. <a href="#">“Approaches to Financing Clean Energy Technologies”</a></li> <li>Sang-Myung Kim, Manager, Korean Energy Management Corp., Korea <a href="#">“Korea's Energy Conservation Fund, including ESCOs as an Implementation Mechanism”</a></li> <li>Boonrod Sajjakulnukit, Senior Manager, Department of Alternative Energy Development and Efficiency (DEDE), Thailand, <a href="#">“Thailand's Experience with Its Energy Conservation Fund and Energy Efficiency Revolving Fund”</a></li> <li>Anthony Maxwell, Environment Specialist, ADB, <a href="#">“China CDM Fund – An Innovative Approach to Supporting Clean Energy”</a></li> </ul> |

|  |  |  |
|--|--|--|
| 12:30 – 2:00 pm  | LUNCH  |  |
| 2:00 – 3:30pm  | <b>BREAKOUT SESSIONS</b>   |  |
| <p><b>SESSION 22: CFLs AS A COST EFFECTIVE RESPONSE TO CLIMATE CHANGE</b><br/>MINI-THEATER 1</p> <p>This panel focused on the iconic energy-saving lighting product – compact fluorescent lamps (CFLs). Major lighting suppliers discussed key trends and challenges facing the CFL market in Asia, and globally.</p> <p>CHAIR: Peter du Pont, Chief of Party, USAID ECO-Asia Clean Development and Climate Program, Thailand</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>Syaiful Ibrahim, Chief of Centre for Energy and Power Studies (CEPS), PLN <a href="#">“PLN Program to distribute 51million CFLs”</a></li> <li>Gao Ming, Lighting Technology Manager, GE Industrial, PRC <a href="#">“CFLi: Key Trends and Challenges”</a></li> <li>Frank Hohn, Senior Director, OSRAM Asia Pacific, Hong Kong, China <a href="#">“Opportunities for CFLi”</a></li> <li>Martin Willemsen, Director of Global Product Management, - CFLs, Philips Lighting, PRC <a href="#">“Global CFLi Market: Opportunities”</a></li> </ul> | <p><b>SESSION 23: ENERGY SOLUTIONS FOR CITIES (PART 3: ENERGY EFFICIENCY)</b><br/>MINI-THEATER 2</p> <p>Local governments have a significant amount of control over investments into energy systems and infrastructure, both directly and indirectly. This panel included perspectives on driving energy efficiency in local government from Australia, Oceania, Thailand and India.</p> <p>CHAIR: Malcolm Verdict, Associate Director, Energy Systems Laboratory Texas A&amp;M University, U.S.</p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>Chris Seeley, City Director - Bangkok, Thailand for the Clinton Climate Initiative, Thailand <a href="#">“Clinton Climate Initiative: Working with Local Governments”</a></li> <li>Sudha Setty, Program Manager, South Asia, Alliance to Save Energy, India <a href="#">“Financing Bundled Municipal Energy Efficiency Projects through Energy Performance Contracting in Tamil Nadu, India”</a></li> <li>Wayne Wescott, Chief Executive Officer, ICLEI Oceania, Australia <a href="#">“Local Climate Action in Australia”</a></li> </ul> | <p><b>SESSION 24: ROLE OF CARBON MARKETS IN CATALYZING CLEAN ENERGY INVESTMENTS</b><br/>AUDITORIUM A</p> <p>This session provided an overview of the carbon market and successful examples of how carbon revenue has assisted in catalyzing clean energy investments and its prospects beyond 2012.</p> <p>CHAIR: Toru Kubo, Clean Energy and Climate Change Specialist, ADB <a href="#">“Carbon Market Initiative: Future Carbon Fund”</a></p> <p>SPEAKERS:</p> <ul style="list-style-type: none"> <li>Rey Guarin, CDM and JI Business Development, Tradition Financial Services (TFS), United Kingdom <a href="#">“Carbon Market Overview: Highlighting Sustainable Development in the Demand and Supply Agenda”</a></li> <li>Sungwoo Kim, Expert, GHG Strategic Business Development, Pohang Iron &amp; Steel Co., Ltd., <a href="#">“Suggestions on Offset Mechanisms with Insightful Cases”</a></li> <li>Seiichiro Nishida, Deputy Chairman, Clean Energy Finance Committee, Mitsubishi UFJ Securities, Japan <a href="#">“Emerging New Areas for Clean Energy Finance”</a></li> <li>Andrew Aldridge, Vice President-Greater China, Carbon Finance, Climate Change Capital, PRC <a href="#">“Carbon Finance: Implications for Long-Term Financing of Clean Energy Solutions”</a></li> </ul> |
| 3:30 – 4:00 pm   | COFFEE   |  |
| 4:00 – 5:30 pm   | <p><b>SESSION 25: FORUM CLOSING</b></p> <p>This session will build on the wealth of clean energy knowledge exchanged during the Forum. Presenters will highlight key best practices and lessons shared as well as outline plans and opportunities for achieving a cleaner energy future in Asia.</p> <p>CHAIR: Xianbin Yao, Acting Director General, Regional and Sustainable Development Department, ADB</p> <p>ANNOUNCEMENT OF TOP INNOVATIONS: FORUM MARKETPLACE OF IDEAS:</p>  |  |

- Orestes Anastasia, Regional Environment Advisor, Regional Environment Office, USAID Regional Development Mission for Asia (USAID/RDMA)
  - CLEANER FUEL INNOVATION: KDV100: Decentralized Energy For Remote Regions in DCs, Hans-Henning Judek, Japan
  - ENERGY EFFICIENCY INNOVATION: Eco-housing Policy to encourage Energy Efficiency in Residential Construction in India, Nitin Pandit, USA
  - ACCESS TO ENERGY INNOVATION: PRO-SEED: Enhancing energy services in the rural areas of Cambodia, Brahmanand Mohanty, Cambodia
  - RENEWABLE ENERGY INNOVATION: PICOHYDRO SOLUTION, Olegario S. Serafica, Philippines
  - CLEAN ENERGY FINANCE INNOVATION: S3IDF's Social Merchant Bank Model for Financing Explicitly Pro-poor Small-Scale Clean Energy Projects: examples and lessons and an introduction and perspectives on PFAN, Russell deLucia, USA

SPEAKERS:

- Chatiya Nantham, Head, Facilities, Planning and Management Unit, [“ADB's Carbon Footprint”](#)
- Ted Flanigan, President, Eco Motion, U.S. “The Power of the Increment: “Greening” the Way to a Cleaner Energy Future”
- Winston Bowman, Director, Regional Environment Office, USAID Regional Development Mission for Asia (USAID/RDMA), “Closing Remarks”
- Bindu Lohani, Vice President, Finance and Administration, ADB, “Wrap-Up”

## FORUM FOCAL POINTS

### **Samuel Tumiwa**

Senior Energy Specialist  
Regional and Sustainable Development Department, ADB  
Tel: +632 632-6624 Fax: +632 636-2198  
E-mail: <mailto:mstumiwa@adb.org>

### **Peter du Pont, Ph.D.**

USAID Contractor, Chief of Party  
ECO-Asia Clean Development and Climate Program, Thailand  
Tel: +66 2 615 5104-6 Fax: +66 2 270 1902  
E-mail: [peter@cleanenergyasia.net](mailto:peter@cleanenergyasia.net) Web: <http://usaid.eco-asia.org/programs/cdcp/>

### **Patricia Calcetas**

Senior Sector Officer  
Regional and Sustainable Development Department, ADB  
Tel: +632 632-6930 Fax: +632 636-2198  
E-mail: <mailto:mpcalcetas@adb.org>

### **Amparo Dato**

Forum Secretariat  
Regional and Sustainable Development Department, ADB  
Tel: +632 632-4444 ext. 70495 Fax: +632 636-2198  
E-mail: <mailto:mmadato@adb.org>

### **Lauren N. Sorkin**

USAID Contractor, Knowledge Management Specialist  
ECO-Asia Clean Development and Climate Program, Washington, DC  
Tel: +1 202.289.0100 Fax: +1 202.289.7601  
E-mail: [Lauren@cleanenergyasia.net](mailto:Lauren@cleanenergyasia.net), [lsorkin@irgltd.com](mailto:lsorkin@irgltd.com)