

ASIA CLEAN ENERGY FORUM 2016

GEARING UP FOR THE POST-COP 21 ERA OF IMPLEMENTATION

SHOWCASING CLEAN ENERGY INNOVATIONS

Manila, Philippines 6-10 June 2016



Deep Dive Workshop: Powering the Asian Tiger with Renewables

7 June 2016, Tuesday, 9:30- 12:30pm

6 ADB Avenue, Mandaluyong City 1550, Metro Manila, Philippines

Many Southeast Asian (SE Asia) countries are looking to diversify their energy supply due to energy security and economic concerns linked to their rising dependency on fossil fuels. In parallel there is increasing attention to the deployment of renewable energy technologies, including improving conditions for attracting private investment. Most countries have also adopted medium- and long-term targets for renewables.

However, similar to China and India, SE Asia is facing stiff competition between fossils and renewables, particularly in the power sector. Low fossil fuel prices support short-term thinking where the highly volatile nature of prices is forgotten as are the associated energy security and climate implications of a fossil-fuel based society. The vast renewable resources of SE Asia make renewable energy a strategic option at the local, national and regional level.

This workshop, co-organised by REN21 and WWF, will look at the growth of renewable energy and energy efficiency in South East Asia. It will present the current status of renewables as well as scenarios for the future of the power sector in the Greater Mekong Subregion (GMS). Participants will debate with panellists about the current and future of renewable and energy efficiency in the region. The workshop is designed around the newly released research from REN21, WWF and partners; it is interactive in nature.

The objective of this workshop is two-fold:

1. to illustrate how and where renewable energy technologies are being deployed in SE Asia;
2. to demonstrate and discuss renewables' potential for meeting a significant portion of the region's energy demand.

The workshop is divided into two segments. It will start by looking at the current status of renewables globally. Activity in the SE Asia renewables energy market, industry and policy landscape during 2015 will be highlighted. The segment will draw on the latest data documented in REN21's newly released *Renewables 2016 Global Status Report* which covers electricity, heating and cooling and transport sectors.

In the second segment participants will discuss how the region can move to substantially higher shares of renewables in the power sector. WWF's recently released *Power Sector Vision* will serve as the basis for discussion, as well as other scenarios from organisations such as the ADB. Interventions from the floor will provide examples of how specific renewable energy technologies are currently being deployed to meet power needs.

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Schedule

Time	Activity
9:00 – 9:05	Welcome and introduction of speakers <i>Gia Ibay (Moderator)- WWF Philippines</i>
9:05 – 9:35am	Renewable Energy is Winning the Game: Global trends and figures <i>Hannah Murdock - REN21</i> <ul style="list-style-type: none">• Facts and figures on current status of renewable energy development• Challenges for transport , heating and cooling sectors• Spotlight on SE Asia
9:35 – 9:45am	Renewables Rising: Use of renewables and energy efficiency in SE Asia <i>Hindun Mulaika - Greenpeace Indonesia</i> <ul style="list-style-type: none">• Evolution of renewable energy in the region• Contribution of energy efficiency
9:45 – 10:15am	Questions/debate <i>Facilitated by Gia Ibay</i>
10:15 – 11:15am With short tea/coffee break	Envisioning the Future: Sustainable energy and the Greater Mekong region <i>Jean Philippe Denruyter - WWF Greater Mekong</i> <ul style="list-style-type: none">• How Vietnam, Thailand, Cambodia, Laos, Myanmar can achieve 85%-100% share of renewables in their respective power sectors <i>Pradeep Tharakan - ADB</i> <ul style="list-style-type: none">• Bringing Power: Power development scenarios for the Mekong region
11:15- 11:35am	Interventions from the floor <i>San Carlos City Government</i> <i>Other SE Asia experts</i> <ul style="list-style-type: none">• Commentary on feasibility of the presented scenarios; current barriers and opportunities for increasing the uptake of renewables nationally
11:35 – 12:25am	Open questions/debate <i>Facilitated by Gia Ibay</i>
12:25 – 12:30am	Summary and close <i>Gia Ibay</i>





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Speakers

<p>Angela Consuelo S. Ibay (Gia): WWF Philippines</p> <p>Gia has over fifteen years' experience in the field of climate change and environment. She is currently the Head of the Climate Change and Energy Programme of World Wide Fund for Nature (WWF)-Philippines. Concurrently, she also serves as the National Director of Earth Hour Philippines. Prior to WWF Gia served as the first Climate Change Attaché of the British Embassy in Manila and worked as the Program Manager of the klima Center of the Manila Observatory. She has peer-reviewed numerous papers on environmental issues and co-written papers on climate change.</p>	
<p>Hannah E. Murdock: REN21</p> <p>Hannah is currently Renewable Energy Analyst at REN21, where she works on research coordination, analysis, and community management to produce the <i>Renewables Global Status Report</i>, REN21's flagship publication. She also leads REN21's energy efficiency data collection efforts for the 1Gigaton Coalition, a joint initiative by UNEP and the Norwegian Ministry of Foreign Affairs. Prior to coming to Paris, she was Special Projects Coordinator for Research and Operations in the University of North Texas Office of Sustainability. She has co-authored and contributed to many publications, including most recently an article for the <i>UN Chronicle</i> on the Impact of Renewable Energy Technologies on Global Energy Efficiency.</p>	
<p>Hindun Mulaika: Greenpeace Indonesia</p> <p>Hindun Mulaika joined Greenpeace South East Asia in 2010 as Climate and Energy Team Leader where she is responsible for planning for an ambitious target to tackle climate change. Previously she worked as a Renewable Energy Campaigner and has a long history in lobbying the Indonesian Government to pass supportive regulation to support the take a massive uptake of renewable energy. Hindun graduated from Anhalt University of Applied Science Germany.</p>	
<p>Jean Philippe Denruyter: WWF Greater Mekong Programme</p> <p>Jean-Philippe provides policy, finance, and technology advice on renewable energy and energy access programmes and projects in the Greater Mekong region. He manages several projects including the development of a Power Sector Vision for the region. He joined WWF in 2003. Previously Jean-Philippe was a founding member of the Roundtable on Sustainable Biofuels and the WindMade technical committee and was President of the European Green Electricity Network. He was a trader for an energy utility before joining WWF and is the author of several WWF publications.</p>	

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Pradeep Tharakan: Asian Development Bank

Pradeep works on clean energy and climate change issues and is based out of the Asian Development Bank's offices in Jakarta. He is responsible for designing and implementing investment programs and technical assistance activities in grid-connected renewable energy sources, energy access, power interconnections, energy efficiency, and carbon capture and storage, in Indonesia and several other S.E. Asian countries. Previously, he was the deputy team leader for USAID's ECO-Asia Clean Development and Climate Program in Bangkok.



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