

HANOI
JUNE 30 –
JULY 1, 2016

MECHANISMS THAT CATALYZE FINANCE FOR GRID-CONNECTED CLEAN ENERGY IN ASIA



Asia LEDS Partnership Regional Workshop



#ALPInHanoi @AsiaLEDS

Background and Objectives

Developing sustainable energy solutions will require the identification, design, and implementation of both policy measures and financial instruments that catalyze the deployment of grid-connected renewable energy sources. This regional workshop convenes officials from government planning, finance, and energy ministries; international experts; finance institutions; and utilities and system operators to share experiences about how their countries can design and implement policy measures and financial mechanisms that can accelerate investment for grid-connected projects.

This workshop aims to spark interest of participants in innovative and emerging policy and financing instruments, showcase early examples of their application, and offer direction on how to pursue similar innovations in one's own national context.

Objectives:

- Enable exchange of knowledge on innovative policy instruments and emerging financial mechanisms, to form effective public-private-partnerships that unlock finance for clean energy;
- Help responsible government agencies strengthen innovative policy measures that catalyze finance for grid-connected clean energy; and
- Define actions that can be taken to accelerate deployment of clean energy.

Expected outputs:

- General recommendations for how governments can strengthen policy measures and financial instruments to catalyze finance for grid-connected clean energy;
- Activities the Asia LEDS Partnership can carry forward to enable ongoing regional learning and collaboration; and
- Specific next steps or measures on which individual countries would like assistance (for potential matchmaking with experts through the Asia LEDS Partnership, LEDS Global Partnership, and similar technical assistance facilities).

This theme complements earlier regional workshops that the Asia Low Emission Development Strategies (LEDS) Partnership has organized on climate finance readiness and access, and builds on regional momentum to spur private investment in green growth, LEDS, and implementation of nationally determined contributions.

This workshop is organized by the Asia LEDS Partnership, and is hosted by the Government of Viet Nam through the Ministry of Planning and Investment (MPI), and co-hosted by the Ministry of Industry and Trade (MOIT). Partners include the United States Agency for International Development (USAID), United Nations Development Programme (UNDP), LEDS Global Partnership, and European Chamber of Commerce in Vietnam.



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Workshop Program

Sheraton Hanoi Hotel
K5 Nghi Tam, Road, 11 Xuan Dieu Road, Tay Ho District, Hanoi, Vietnam

Asia LEDS Partnership Regional Workshop Day 1 – June 30, 2016		Room
08:00 – 09:00	Registration	Foyer
09:00 – 09:30	<p>Welcoming remarks</p> <ul style="list-style-type: none"> • Dr. Pham Hoang Mai, Director General, Department of Science, Education, Natural Resources and Environment, Ministry of Planning and Investment (MPI), Vietnam • Mr. Trinh Quoc Vu, Director General, Department of Science, Technology and Energy Efficiency, General Directorate of Energy, Ministry of Industry and Trade (MOIT), Vietnam • Mr. Chris Abrams, Acting Mission Director, U.S. Agency for International Development (USAID) Vietnam • Mr. Dao Xuan Lai, Assistant Country Director, United Nations Development Programme (UNDP) Vietnam 	Song Hong Ballroom
09:30 – 10:30	<p>Panel 1: Getting past old bottlenecks</p> <p><i>The objective is to highlight bottlenecks that we must move beyond to mobilize investment for clean energy – and to preview innovative approaches that will be discussed.</i></p> <p>Moderator: Mr. John Bruce Wells, USAID Low Emissions Asian Development Program (ICF International)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Mr. Yudha Irmansyah Siregar, ASEAN Centre for Energy, on <i>Renewable energy policies in ASEAN</i> • Mr. Tomaso Andreatta, European Chamber of Commerce in Vietnam (Green Growth Sector Committee), on <i>Challenges on investment in renewable energy</i> • Mr. Alexander Ochs, LEDS Global Partnership Energy Working Group, on <i>Designing a policy and administrative framework that attracts investments</i> 	
10:30 – 11:00	Coffee break	Foyer



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11:00 – 12:00	<p>Peer updates: Effective country strategies to catalyze finance for grid-connected clean energy</p> <p><i>Country representatives will share updates on the mix of policy measures and financing mechanisms being employed (or considered) to scale up investment for grid-connected clean energy, one success, and one challenge. Further sharing from the audience is encouraged.</i></p> <p>Speakers:</p> <ul style="list-style-type: none"> • Ms. Dawa Zangmo, Department of Renewable Energy, Ministry of Economic Affairs, Bhutan • Mr. Por Nimol, Ministry of Mines and Energy, Cambodia • Mr. Liu Jia, Energy Research Institute, National Development and Reform Commission, China • Mr. Nguyen Ninh Hai, Deputy Director, Department of New and Renewable Energy, General Directorate of Energy, Ministry of Industry and Trade (MOIT), Vietnam 	Song Hong Ballroom
12:00 – 13:00	Lunch	Over D'Or Restaurant
<p>Parallel sessions: Innovative policy tools for unlocking investment</p> <p><i>Each session includes technical overviews, case presentations, and interactive discussion. Significant time will be dedicated to full group and/or table discussions to explore application of approaches in unique contexts. Select <u>one</u> session.</i></p>		
13:00 – 16:00	<p>1A: Market-based policies for renewable energy</p> <p><i>In this session, participants will discuss renewable energy support policies, the role of market-based mechanisms, their effectiveness or shortcomings, and new policies being explored.</i></p> <p>Chair: Mr. Alexander Ochs, LEDS Global Partnership Energy Working Group (Worldwatch Institute)</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mrs. Vu Xuan Nguyen Hong, Vietnam, on <i>Financing green energy development through fossil fuel subsidy reform in Vietnam</i> • Mr. Liu Jia, Energy Research Institute, China, on <i>Carbon tax and other policies to support renewable energy investment in China</i> • Ms. Dawa Zangmo, Department of Renewable Energy, Ministry of Economic Affairs, Bhutan, on <i>Renewable energy in Bhutan: Policy perspectives</i> • Mr. Yudha Irmansyah Siregar, ASEAN Centre for Energy, on <i>FITs and other incentives for solar in Thailand</i> 	Song Hong 2 Coffee break will be available during this session in the Foyer

13:00 – 16:00	<p>1B: Strategic approaches through action across policy and investment instruments</p> <p><i>In this session, participants will hear about emerging policies and instruments that are being considered in countries such as Vietnam, learn about developing renewable energy zones, and synthesize learnings and outline next steps to pursue policies of interest in their own context.</i></p> <p>Chair: Dr. Peter du Pont, USAID Regional Development Mission for Asia</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr. Nguyen Quoc Khanh, Vietnam, on <i>Renewable energy opportunities in Vietnam</i> • Mr. Chris Stephens, Carbon Trust, on <i>Regulatory frameworks and reforms to spur renewable energy investment</i> • Ms. Bethany Speer, National Renewable Energy Laboratory, on <i>Unique public private partnership models to catalyze clean energy investment</i> • Mr. Ilya Chernyakhovskiy, National Renewable Energy Laboratory, on <i>Implementing renewable energy zones for integrated transmission and generation planning</i> 	Song Hong 1 Coffee break will be available during this session in the Foyer
16:00 – 16:15	Break	Foyer
16:15 – 17:00	<p>Country consultations</p> <p><i>During this time, organizers will hold country-based brainstorming sessions to identify priorities for peer exchange; how the Asia LEDS Partnership can enhance learning on investment mobilization for grid-connected clean energy; advisory support opportunities; and knowledge products of interest.</i></p>	Song Hong Ballroom

Asia LEDS Partnership Regional Workshop Day 2 – July 1, 2016		Room
08:30 – 09:00	Registration	Foyer
09:00 – 09:10	Daily welcome and overview	Song Hong Ballroom
09:10 – 10:00	<p>Panel 2: Getting past old bottlenecks</p> <p><i>The objective is to highlight bottlenecks that we must move beyond to mobilize investment for clean energy – and to preview innovative approaches that will be discussed.</i></p> <p>Moderator: Mr. John Bruce Wells, USAID Low Emissions Asian Development Program (ICF International)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Mr. Sithisakdi Apichatthanapath, USAID Regional Development Mission for Asia, on <i>Scaling up renewable energy</i> 	

	<ul style="list-style-type: none"> • Mr. Trinh Quoc Vu, Director General, Department of Science, Technology and Energy Efficiency, General Directorate of Energy, Ministry of Industry and Trade (MOIT), Vietnam, on <i>Lessons learned: Vietnam's experiences on enhancing energy efficiency investments</i> 	
10:00 – 10:30	Coffee break	Foyer
<p>Parallel sessions: Innovative policy tools for unlocking investment</p> <p><i>Each session includes technical overviews, case presentations, and interactive discussion. Significant time will be dedicated to full group and/or table discussions to explore application of approaches in unique contexts. Select <u>one</u> session.</i></p>		
10:30 – 13:00	<p>2A: Reducing risks to financing sustainable energy development</p> <p><i>In this session, participants will reflect on learnings and success in the energy efficiency sub-sector on reducing risk and enhancing investment, and discuss approaches for reducing risk for renewable energy investments.</i></p> <p>Chair: Mr. Tomaso Andreatta, European Chamber of Commerce in Vietnam (Green Growth Sector Committee)</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mrs. Ngo Thi To Nhien, Vietnam, on <i>Vietnam's experiences on enhancing energy efficiency investments</i> • Mr. Yoganandh Tanggaraju, Danish Energy Efficiency Partners Sdn. Bhd., on <i>Bridging the EE perception gap: Retrofitting public buildings</i> • Mr. Ha Dang Son, Director, Centre for Energy and Green Growth Research, on <i>Bankability and obstacles to institutional investors in RE</i> • Mr. M.K. Balaji, USAID Private Finance Advisory Network for Asia (USAID PFAN-Asia), on <i>Approaches to reducing risks in RE projects: An example of bioenergy projects</i> 	Song Hong 2
10:30 – 13:00	<p>2B: Opportunities through facilitating bi-lateral or multi-lateral cooperation</p> <p><i>In this session, participants will learn about policies, regulations and other enabling key instruments that can help facilitate regional energy cooperation and increase cross-border electricity trade, identify key drivers for investment, and discuss roles of key stakeholders in mobilizing needed investment – with focus on South and Southeast Asia.</i></p> <p>Chair: Mr. VK Kharbanda, South Asia Regional Initiative for Energy Integration (Integrated Research and Action for Development, IRADe), India</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Mr. VK Kharbanda, IRADe, on <i>South Asian power sector</i> • Mr. Salim Mahmud, Bangladesh Energy Regulatory Commission, Bangladesh, on <i>Financing the Baharampur-Bheramara transmission link</i> 	Song Hong 1

	<ul style="list-style-type: none"> • Ms. Monali Hazra, USAID/India, on <i>South Asia Regional Initiative for Energy Integration (SARI-EI) project</i> • Mr. Manfred Otto, on <i>Managing risks to RE off-takers</i> • Dr. Peter du Pont, USAID/Asia, on <i>Challenges and opportunities for grid-connected renewable energy in the lower Mekong and the USAID Clean Power Asia Program</i> 	
13:00 – 14:00	Lunch	Oven D'Or Restaurant
14:00 – 14:30	Report back from parallel sessions <i>A volunteer from each of the four parallel sessions will summarize key points in plenary.</i>	Song Hong Ballroom
14:30 – 16:00	Group discussion on way forward <i>Based on country consultations held on Day 1 (and inputs collected from the Asia LEADS Forum), organizers will propose priority topics and/or mechanisms to catalyze finance for clean energy for group consideration. Participants can agree on topics (or propose alternate topics) and will divide into groups to address their chosen topic. Groups will compile: experiences and insights; collective questions and challenges; ideas and proposed next steps to make advancements – as well as proposed regional learning and cooperation.</i>	Song Hong Ballroom Coffee break will be available during this session in the Foyer
16:30 – 17:00	Closing remarks <ul style="list-style-type: none"> • Dr. Peter du Pont, Climate Change Team Lead, Regional Environment Office, USAID/Asia • Mr. Trinh Quoc Vu, Director General, Department of Science, Technology and Energy Efficiency, General Directorate of Energy, Ministry of Industry and Trade (MOIT), Vietnam 	Song Hong Ballroom

Thank you to our hosts, sponsors, and collaborating partner!



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