

## Deep Dive and Training Sessions

### November 12, 2014

Each participation will choose to attend two half-day or one full-day deep dive or training session.

**10:45 to 14:45** Morning Deep Dive and Training Sessions (J – P)

*Participants will break for lunch half-way through the session at 12:15 – 13:15, and resume the session following lunch.*

**15:00 to 18:00** Afternoon Deep Dive and Training Sessions (Q – S)

### **J: Training on Green Economy Model: Measuring Impacts of Green Economy by System Dynamic Modeling (Full Day Session)**

**Presented by the Low Emission Capacity Building (LECB) Programme (with UKP-PPP, BAPPENAS, UNDP)**

Room: Mataram 2

Objectives:

- Learn how to utilize the Green Economy Model based on Green Economy policy options.
- Participant will be able to compare the impact of policy interventions within and across sectors.

Description:

This training session will focus on how the Green Economy Model (GEM) simulates the impact of green economy policies across sectors that are priorities in sustainable development plans. The GEM is a flexible and easy to learn system dynamics model, which is also tailored to incorporate an additional set of three green economy outcome indicators, namely Green GDP, GDP of the Poor and Green Jobs. The GEM is also enabling simultaneous analysis of socio economic and environmental impacts of policy interventions for policy makers.

Participants are required to bring laptop and install Vensim software (free software) for this session. Maximum of 25 participants allowed.

Agenda:

10:45 – 11:30	Introduction to Green Economy and system dynamics model <i>Dr. Medrilzam, BAPPENAS, Indonesia</i>
11:30 – 12:15	Introduction to the software <i>Ahmad Taufik, LECB Programme</i>
12:15 – 13:15	Lunch Break
13:15 – 15:00	Policy scenario identification <i>Dr. Muhammad Tasrif, LECB Programme</i>
15:00 – 15:15	Coffee Break (in-room)
15:15 – 17:00	Model simulation and policy analysis <i>Dr. Muhammad Tasrif, Ahmad Taufik, and Dr. Medrilzam</i>

**K: Effective Identification and Engagement of Stakeholders for Subnational LEDS Success (Full Day Session)**

**Presented by the USAID Low Emissions Asian Development (LEAD) Program (with support from the Institute for Sustainable Communities)**

**Room: Mataram West Room Large**

**Objectives:**

Attendees will learn:

- Stakeholder mapping and network development (why it's important and how to do it)
- Persuasion strategies and examples for enrolling specific audiences (including audience segmentation and crafting the right messages for each audience)
- Approaches to engage needed publics to co-create, support, or be part of implementation

**Description:** To be successful in low-emission development, building networks of stakeholders across agencies/sectors who are informed and whose buy-in is secured is at least as important as technical know-how and financing. This session will provide or strengthen concrete skills of subnational LEDS initiative stakeholders in Asia on how to effectively identify, engage, and persuade stakeholders for successful LEDS implementation in their jurisdictions.

This session targets subnational government agencies leading LEDS initiatives (primary audience). The learning objectives relate to this audience.

**Agenda:**

10:45 – 11:30	Framework for Stakeholder Engagement <i>Elaine Wang and Rajeshwari Nambiar, USAID LEAD Program (Institute for Sustainable Communities)</i>
11:30 – 12:15	Peer Sharing on Successes and Challenges <i>Moderated by Elaine Wang, USAID LEAD Program (Institute for Sustainable Communities)</i>
12:15 – 13:15	Lunch Break
13:15 – 15:00	Stakeholder Management <i>Elaine Wang, USAID LEAD Program (Institute for Sustainable Communities)</i>
15:00 – 16:00	Presentation Skills <i>Elaine Wang, USAID LEAD Program (Institute for Sustainable Communities)</i>
16:00 – 16:15	Coffee Break (in-room)
16:15 – 18:00	Framing the Message <i>Elaine Wang, USAID LEAD Program (Institute for Sustainable Communities)</i>

**L: Making Better Decisions: Multi-criteria Analysis to Improve Management and Increase Transparency (Half Day Session)**

**Presented by the USAID Low Emissions Asian Development (LEAD) Program (with support from ICF International)**

**Room: Mataram East**

**Objectives:**

- Introduce participants to multi-criteria analysis methods
- Practice using multi-criteria analysis through a structured exercise focused on protected area management
- Demonstrate an application of multi-criteria analysis methods based on survey work in Chiang Mai, Thailand

**Description:** Multi-criteria analysis (MCA) is an approach that applies structure and provides transparency to the decision-making process. It considers multiple criteria and helps decision-makers to weigh and make tradeoffs among competing objectives. MCA techniques can be used to optimize outcomes, identify areas for consensus, and incorporate stakeholder input into the processes of developing alternatives and then prioritizing alternatives based on stakeholder preferences. This session will introduce participants to MCA analysis and the steps involved in using these methods. Participants also will be guided through an exercise applying MCA analysis to the management of a protected area. The session also will present results of a MCA analysis conducted to prioritize management strategies for the Mae-Sa Kog Ma Man and Biosphere Reserve in Northern Thailand.

**Agenda:**

10:45 – 11:00	Introductions <i>Mai Resanond, Paola Bernazzani, and Jonathan Hecht, ICF International</i>
11:00 – 11:30	Introduction to Multi-criteria Analysis (MCA) <i>Paola Bernazzani, ICF International</i>
11:30 – 12:15	Application of MCA Methods: A seven step process <i>Jonathan Hecht, ICF International</i>
12:15 – 13:15	Lunch Break
13:15 – 13:45	Exercise: Using MCA and analyzing results <i>Paola Bernazzani, ICF International</i>
13:45 – 14:30	Example: MCA fieldwork and analysis <i>Jonathan Hecht, ICF International</i>
14:30 – 14:45	Concluding remarks <i>Paola Bernazzani, ICF International</i>

**M: Integrating Climate Resilience in LEDS Planning and Implementation: Tools and Practical Applications (Half Day Session)**

**Presented by the World Bank Group**

**Room: Mataram 3**

**Objectives:**

- Illustrate the linkages between climate resilience and LEDS;
- Introduce the process of Climate and Disaster Risk Screening of Projects;
- Apply concepts in energy sector climate screening to support early-stage planning.

**Description:** Climate resilience and low emissions development are inexorably linked. Local and regional climates are changing, affecting energy infrastructure, transport systems, forest landscapes and agricultural systems. Examples of changes in climate and their potential impacts on carbon emissions and mitigation actions include:

- Higher temperatures reduce the efficiency of electricity transmission and distribution systems;
- More frequent or intense extreme weather events can damage energy and road infrastructure;
- Changing precipitation, temperature, and wind patterns will affect hydropower and other renewable energy resources;
- Increases in average temperature affects crop and forest yields and introduce new invasive species;
- Changes in seasonal variation of precipitation forces shifts in planting seasons.

Addressing the causes and impacts of climate change while implementing low emissions development strategies becomes increasingly important for many Asian countries. Climate and Disaster Risk Screening tools developed by the World Bank can be used to better integrate climate resilience considerations into Low Emissions Development Strategies

**Agenda:**

10:45 – 11:00	Welcome and introductions <i>Dr. Pablo Benitez, World Bank</i>
11:00 – 11:15	Linking LEDs to Climate Resilience: The Nexus of Adaptation and Mitigation <i>Ms. Marian Van Pelt, ICF International</i>
11:15 – 11:45	Tools for Climate and Disaster Risk Screening: Overview and Application for LED Planning <i>Dr. Pablo Benitez, World Bank</i>
11:45 – 12:15	Energy Sector Level Screening Tool <i>Mr. Xiaochen Zhang, World Bank</i>
12:15 – 13:15	Lunch Break
13:15 – 14:30	Group Work: Integrate Climate Resilience in Your LEDS Project <i>Facilitated by World Bank</i>
14:30 – 14:45	Wrap-up and Workshop Feedback

**N: Assessing Transport Investment Options and Planning Integrated Public Transport Systems (Half Day Session)**

**Presented by the LEDS Global Partnership's Transport Working Group (delivered by EMBARQ India)**

**Room: Mataram West Room (Small)**

**Objectives:**

- Understanding the purpose, scope and importance of Cost-Benefit Analysis (CBA) for transport planning and investment decisions
- Training on how to include a broad range of economic, social, health and other impacts in CBA
- Understanding the Principles of Integrated Planning for Urban Public Transport Systems
- Training on how to apply Integrated Planning Principles for Urban Public Transport Systems

**Description:** The first part of this session will focus on *Assessing Social and Economic Impacts using Cost-Benefit Analysis (CBA)* to answer questions such as, “What is CBA? What is its need and purpose?” It will also include training on how to carry out or review a comprehensive CBA, what cost and benefit components to consider, how to include a broad range of economic, social and health impacts, and how to assess impacts on different income groups.

The second part of this session will look at *Planning and Implementing an Integrated Public Transport System* and will focus on the process of planning and implementing Integrated Public Transport Systems at the city-wide level. It will provide training on the Principles of Integrated Planning for Urban Transport Systems, their application in various scenarios, common pitfalls and problems, and best-practices from around the world.

**Agenda:**

10:45 – 12:15	Part 1: Assessing Social and Economic Impacts using Cost-Benefit Analysis (CBA) <i>Ashwin Prabhu, EMBARQ India</i>
12:15 – 13:15	Lunch Break
13:15 – 14:45	Part 2: Planning and Implementing an Integrated Public Transport System <i>Prashanth Bachu, EMBARQ India</i>

**P: Low Emission Land Use Planning: What is Your Role? (Half Day Session)****Presented by the LEDS Global Partnership's AFOLU Working Group****Room: Mataram I****Objectives:**

- This session will explore the complexities of low emission land use planning and build knowledge and capacity to develop and implement a low emission plan.

**Description:**

This session is structured as a role play, which will involve all participants. Participants will be introduced to the role play and receive supporting materials, including 6 different role plays (scenarios) that can be explored, scene-setting information, and a character brief for the different stakeholders. Participants will be given time to "get to know" their character and understand their motivation, reasoning and context, so they can best perform their role. After the role play there will be time for discussion in order to discuss the complexities of LELUP decision making, the multiple and conflicting trade-offs, and to identify a common challenges and capacity gaps that can be addressed with future LELUP capacity building. The session will end with a reflection on the need to recognize the monetary implications land-use planning has for different stakeholders as an introduction to the afternoon session on financing.

The role play was developed by USAID LEAF (Lowering Emissions in Asia's Forests) in collaboration with the United States Forest Service (USFS) as part of a broader regional climate change curriculum development effort.

**Agenda:**

10:45 – 11:30	Introduction <i>Dr. Geoffrey Blate, US Forest Service</i> <ul style="list-style-type: none"><li>• Use of role play for training and learning</li><li>• Overview of low emission land use planning (LELUP) framework</li><li>• Role play structure: organizing participants into roles</li></ul>
11:30 – 12:15	Scenario review, scene setting, preparing for your role <i>Facilitated by Geoffrey Blate, US Forest Service</i>
12:15 – 13:15	Lunch Break
13:15 – 14:15	Role play, with 11 roles, to explore and understand stage 4 of the LELUP framework. Special attention to be given to financial considerations. <i>11 participants act out a defined role; remaining participants act as advisors</i>
14:15 – 14:45	Discussion and reflections <i>Facilitated by Geoffrey Blate, US Forest Service</i>

**Q: Designing Nationally Appropriate Mitigation Actions (NAMAs) for International Support (Half Day Session)****Presented by the Energy research Centre of the Netherlands (ECN)****Room: Mataram 3****Objectives:**

Participants will learn:

- The current state of play on NAMA development and NAMA finance,
- How to identify, frame, and prioritize opportunities for NAMAs in your country, and
- How to turn these NAMA opportunities into concrete compelling proposals to solicit international support.

**Description:** This session offers a series of short presentations on theory and practice of developing a concrete bankable NAMA proposal, and alternating break-out sessions to apply this to a case study that is closely related to participants' own context. Topics covered in this session include current state of play on NAMA development and finance, identification of opportunities, framing and scoping of NAMAs, analyzing existing policy frameworks and identifying barriers, and making a strong case for government intervention and international support through the NAMA.

**Agenda:**

15:00-15:20	Summary of NAMAs and current state of play <i>Xander van Tilburg (ECN)</i>
15:20-15:40	Identifying and framing NAMAs <i>Xander van Tilburg (ECN)</i>
15:40-16:00	<b>Break-out session:</b> Identify and frame a concrete NAMA <i>Xander van Tilburg (ECN)</i>
16:00 – 16:20	Coffee Break (in-room)
16:20-16:40	Designing for efficiency and effectiveness <i>Lachlan Cameron (ECN)</i>
16:40-17:00	Developing a proposal for international support <i>Philipp Munzinger (GIZ Indonesia)</i>
17:00-17:30	<b>Break-out session:</b> Design of the previously framed action <i>Lachlan Cameron (ECN)</i>
17:30-17:50	Round up and closing remarks <i>Xander van Tilburg (ECN)</i>

**R: Green Industrial Innovation: From Concept to Implementation (Half Day Session)****Presented by the World Bank Group****Room: Mataram East****Objectives:**

- Understand key concepts, process, and tools related to Green Industrial Innovation
- Understand best practices and lessons learned from designing and implementing green industrial projects and programmes in both developed and developing countries

**Description:** Innovation is the key in enabling green and growth to go hand in hand. Market failures and other bottlenecks impede innovation and entrepreneurship, particularly in developing countries. These countries need to build the capacity to find, absorb, and use new technologies and processes as well as foster entrepreneurs who can take risks, look for finance, and bring new products and processes to market.

**Agenda:**

15:00 – 15:20	Welcome Remarks, Introduction and Overview of Policy Instruments for Green Industrial Innovation <i>Dr. Pablo Benitez, World Bank</i>
15:20 – 15:40	Why Green Industrial Innovation: Early experiences of Indonesia and Korea Facilitator: <i>Mr. Xiaochen Zhang, World Bank</i> <ul style="list-style-type: none"><li>• Indonesia: <i>Mr. Mubariq Ahmad, World Bank</i></li><li>• Korea: <i>Dr. Mi-Hoon Jeong, Korea Industrial Complex Corp</i></li></ul>
15:40 – 16:00	Financing Climate Smart Innovation Facilitator: <i>Dr. Pablo Benitez, World Bank</i> <ul style="list-style-type: none"><li>• Financing Clean Consumption and Production for SMEs: <i>Dr. Uwe Weber, SWITCH-Asia Network Facility</i></li><li>• Alternative Finance for Climate Smart Innovation: <i>Mr. Xiaochen Zhang, World Bank</i></li></ul>
16:00 – 16:10	Coffee Break (in-room)
16:10 – 16:20	Low Carbon Zones Development for Green Growth: Eco-Industrial Park Development in Korea <i>Dr. Dukgyu Han, Korea Industrial Complex Corp</i>
16:20 – 17:40	Group Work: Eco-Industrial Park Development
17:40 – 18:00	Wrap-up and Workshop Feedback

**S: Financing Low Emissions Development Strategies (LEDS) in the AFOLU Sector (Half Day Session)****Presented by the LEDS Global Partnership's AFOLU Working Group****Room: Mataram I****Objectives:**

- The session will inform participants of the various sources of finance for LEDS in the AFOLU sector and how to further leverage financing from both public and private sectors for AFOLU related LEDS.

**Description:** The first module will include presentation of a report on the forest and emissions-related commitments made under Voluntary Sustainability Initiatives (VSIs) and how they compare to jurisdictional emissions reduction frameworks such as REDD+. The second module will consist of presentations: (1) a desk review of current and emerging sources of financing for AFOLU related LEDS; and (2) outcomes from a pre-forum expert meeting on potential mechanisms to leverage public and private sector finance for LEDS in the AFOLU sector. This will be followed by an interactive exercise in which participants will break into small groups and design a “bankable” AFOLU emissions reduction project. After presenting the project to a panel of experts, participants will receive feedback on how to improve or further develop the project to increase its likelihood of obtaining funding.

**Agenda:**

15:00 – 15:10	Introduction: Harnessing public and private financing in reducing emissions in the AFOLU sector <i>Dr. Jeremy Broadhead, USAID LEAF</i>
15:10 – 15:30	Overview of LEDS in AFOLU sector
	Lam Dong Provincial REDD+ Action Plan, Viet Nam <i>Pham Thanh Nam, UN-REDD/USAID LEAF</i>
	Houaphanh Jurisdictional REDD+ Initiative, Lao PDR <i>Dr. Sebastian Koch, GIZ, Lao PDR</i>
	Madang Low Emissions Land Use Strategy, PNG <i>Dr. David Ganz, USAID LEAF</i>
	North Selangor Peatland Project, Malaysia <i>Julia Lo, Global Environment Center (GEC)</i>
15:30 – 15:50	How forest and emissions-related commitments made under Voluntary Sustainability Initiatives could contribute to LEDS <i>Dr. Jeremy Broadhead, USAID LEAF</i>
15:50 – 16:10	Current and emerging sources of financing for AFOLU related LEDS <i>John Costenbader, USAID LEAF</i>
16:10 – 16:30	Coffee Break (in-room)
16:30 – 17:50	Panel discussion on what constitutes a “bankable” AFOLU emissions reduction project, including questions related to: (1) The types of financing available; (2) The conditions that need to be met to access financing; and (3) How existing efforts can be improved or further developed to secure funding. <i>Led by Ken Andrasko, USAID LEAF</i>
17:50 – 18:00	Summary and closing remarks <i>Dr. David Ganz, USAID LEAF</i>