

- Agenda -

Day 1: Tuesday, 16 February 2010

**Dialogue between policy makers and researchers:
Demands and roles of SLCD/GG researches from policy perspective**

Opening: Background, scope and visions of the workshop (Chair: Prof. Rizaldi Boer)

Welcoming Address from the IPB Chancellor

09:00- 09:30

- Prof. Yonny Koesmaryono, Vice Chancellor, Bogor Agricultural University (IPB)
- Dr. Shuzo Nishioka, Institute for Global Environmental Strategies (IGES)
- Ms. Masnellyarti Hillman, Ministry of Environment of Indonesia (KLH)

Keynote Speech (Chair: Prof. Rizaldi Boer)

09:30- 10:00

- Ir. Umiyatun Hayati Triastuti, MSc. National Development Planning Agency (BAPPENAS)
Indonesian Response to Climate Change: Roadmap to Low Carbon Development

Session 1: Research expectations from SLCD/GG policies (Chair: Prof. Rizaldi Boer)

Scope: To present policy makers' plans for SLCD/GG strategies and demands on SLCS/GG researches depending on their focuses.

10:00-11:45

- Dr. Singgih Riphath, Ministry of Finance, Republic of Indonesia
Financial/Fiscal policy to support implementation of climate change programs
- Mr. Doddy Sukardi, National Commission for Climate Change
Low carbon development studies in Indonesia
- Ms. Sulistyowati, Ministry of Environment, Republic of Indonesia (KLH)
Green economic study in Indonesia
- Ms. Masako Ogawa, Japan International Cooperation Agency (JICA)
Mid-Long term targets in Japan and Hatoyama-initiative
- Discussion

Session 2: Framing SLCD/GG researches in Asia (Chair: Dr. Shuzo Nishioka)

Scope: To frame what can be provided from research community for SLCD/GG policies in Indonesia and Asia

11:45-12:30

- Prof. Dr. Rizaldi Boer, Bogor Agricultural University
Research Needs for SLCD/GG
- Dr. Mikiko Kainuma, National Institute for Environmental Studies (NIES), Japan
Sustainable Low Carbon Development Scenario and Low Carbon Cities
- Discussion

12:30 - 13:30

Lunch



Session 3: SLCD/GG researches in Indonesia (Chair: Dr. Shuzo Nishioka)**Scope:** To present each topic of researches in Indonesia to make implications for SLCS/GG policies

13:30-15:00	- Dr. Retno Gumilang Dewi, Institut Teknologi Bandung, Indonesia <i>Energy Scenario in Indonesia</i>
	- Dr. Muhammad Tasrif, Institut Teknologi Bandung, Indonesia <i>Green growth: System Dynamics of Sustainable Industry and Finance in Indonesia</i>
	- Mrs. Maritje Hutapea, National Energy Council, Secretary General of National Energy Council Indonesia <i>Energy Policy for Addressing Climate Change in Indonesia.</i>
	- Dr. Nur Masripatin, Centre for Forest Socio-Economic Research , Indonesia <i>Forestry Policy for addressing climate change in Indonesia</i>
	- Discussion

15:00 - 15:15

Coffee Break**Session 4: Models, Scenarios and Back-casting for SLCD/GG policies (Chair: Dr. Retno Gumilang Dewi)****Scope:** To present applications of quantitative modelling research tools for road-mapping

15:15-17:00	- Dr. Sirintornthep Towprayoon, The Joint Graduate School of Energy and Environment, Thailand <i>Low Carbon Policies and Actions in City level</i>
	- Mr. Kei Gomi, Kyoto University, Japan <i>Scenario/modeling/back-casting tools and examples of low carbon cities</i>
	- Mr. Prasoon Agarwal, Indian Institute of Management Ahmedabad (IIMA), India <i>Alternate policy scenarios and modelling results for India (country level analysis) & Ahmedabad (city level analysis)</i>
	- Dr. Kejun Jiang, Energy Research Institute, China <i>Impact of Modelling Approach on National Policy in China</i>
	- Dr. Junichi Fujino, National Institute for Environmental Studies (NIES), Japan <i>Screening barriers and actions for policies based on modelling result</i>
	- Discussion

Session 5: Further research actions for policy making (Chair: Prof. Rizaldi Boer)**LCS-RNet and policy recommendations**

17:00-17:45	- Dr. Shuzo Nishioka, IGES, Japan <i>Result of LCS-RNet Bologna Meeting</i>
	Overall Discussion: Key Findings of Bogor Meeting
	- Prof. Rizaldi Boer, Bogor Agriculture University <i>Synthesis report of Bogor Meeting</i>
	- Discussion

Closing Remark

17:45- 18:00	Prof. Rizaldi Boer, Bogor Agriculture University
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Day 2: Wednesday, 17 February 2010
Consultation: Is Indonesia in a good position for Low Carbon Development?

08:30– 09:00 Registration

Opening Session (Chair: Dr. Shuzo Nishioka)

09:00- 09:20 **Welcome Remarks and Background of the Research Project on Low-carbon, Sustainable Development in Asia**
Dr. Mikiko Kainuma, National Institute for Environmental Studies (NIES), Japan

Objective and Scope of Consultation
Dr. Kentaro Tamura, Institute for Global Environmental Studies (IGES), Japan

Session 1: LULUCF (Chair: Dr. Prabhakar Sivapuram)
Scope:

Framing Presentation: REDD, Land Use Planning, Markets and Policy Coordination
Dr. Enrique Ibarra Gené, Institute for Global Environmental Studies (IGES), Japan

- **Mitigation Scenarios for Peatland in Indonesia**
Prof. Rizaldi Boer, Bogor Agriculture University, Indonesia
- **State of the Art on Mitigation Technologies for Peatland in Indonesia**
Dr. Wahyunto, Agricultural Land Resources Research and Development (BBSDLP), Indonesia

Discussion

- What is the contribution of peat land on GHG emission in Indonesia?
- What are the strategies for GHG reducing emission from peat lands in Indonesia?
- What are current technologies available for reducing emission from peat lands?

10:20 - 10:30 **Coffee Break**

Session 2: Agriculture (Chair: Prof. Rizaldi Boer)

Scope: Keeping in view the food security needs of Indonesia, this session tries to develop understanding on various implications of agricultural activities on GHG emissions and identify suitable options for Indonesia to achieve low carbon development in agriculture sector.

Framing Presentation: Agriculture and Low Carbon Society
- Dr. Prabhakar Sivapuram, Institute for Global Environmental Studies (IGES), Japan

- **Toward Achieving Low Carbon Development; Agricultural Perspective in Indonesia**
- Dr. Astu Unadi, Agricultural Land Resources Research and Development (BBSDLP), Indonesia
- **Strategies for Reducing Emission from Rice Cultivation in Indonesia: Farmers' Adoption to Mitigation Technologies**
- Dr. Prihasto Setyanto, National Research Agency for Agriculture Land Resources, Indonesia
- **Strategies for Reducing Emission from Animal Husbandry in Indonesia: Farmers' Adoption to Mitigation Technologies**
- Dr. Suryahadi, Bogor Agriculture Institute, Indonesia

Discussion

- What are the pertinent issues related to GHG emissions from agriculture sector in Indonesia?
- What are the available mitigation options in agriculture and to what extent they have been promoted?
- How various mitigation options compare in terms of their potential, costs and benefits?
- What additional interventions are necessary for GHG mitigation in the agriculture sector?



Session 3: Toward the Low Carbon Energy Sector (Chair: Mrs. Endah)

Scope: To explore potential and opportunities of distributed renewable energy systems in Indonesia, and identify suitable policy options to achieve low-carbon, sustainable development

11:30-12:30	Framing Presentation: Low Carbon Distributed Energy Development with Focus on Renewable Energy <i>Mr. Koji Fukuda, Institute for Global Environmental Studies (IGES), Japan</i>
	- Barriers and Strategies for Removing the Barriers in Increasing Share of Renewable Energy in Indonesian Energy Mix Policies <i>Dr. Ucok W.R. Siagian, Bandung Institute of Technology, Indonesia</i>
	- The Potential of Renewable Energy in Achieving Self Sufficient Energy Villages <i>Mr. Saleh Abdurahman, Ministry of energy and mineral resources, Indonesia</i>
	- Opportunities and Challenges in Using Renewable Energy for Achieving Self Sufficient Energy Villages <i>Ms. Tri Mumpuni, IBEKA, Indonesia</i>
	Discussion <ul style="list-style-type: none">- Are RE-based distributed power generations (and/or microgrid) the ideal systems for rural Indonesia? What are the potential advantages and drawbacks of developing such systems from Indonesian perspective?- Which RE resources should be prioritized for development?- What kind of additional institutional and regulatory framework is necessary to ensure development of RE-based distributed energy systems? What needs to be improved for existing policy framework?- What kinds of support (domestic, international) are required to increase scalability and replicability of existing programs?- What kind of additional financing tools/channels do you think might be suitable for promoting and ensuring sustainability of RE-based distributed energy systems in Indonesia?

12:30 - 13:30

Lunch

Session 4: Low Carbon Technology Transfer (Chair: Dr. Lolo Panggabean)

Scope: To examine the policy environment on the transfer of priority low carbon technologies in key GHG-emitting sectors in Indonesia, as well as assess the function and performance of the country's national systems of innovation (NSI) in facilitating the effective transfer of these technologies

13:30-14:30	Framing Presentation: The Role of NSI in the Development and Diffusion of Low Carbon Technologies in Indonesia <i>Ms. Maricor Muzones, Institute for Global Environmental Studies (IGES), Japan</i>
	- Key Policies in Facilitating Priority Low Carbon Technology Transfer in Indonesia (Tentative) <i>Dr. Ir. Idwan Suhardi, Deputy for Ministry of Research and Technology, Indonesia</i>
	- Key Issues, Barriers and Opportunities in the Development and Diffusion of Low Carbon Technologies: The Private Sector Perspective <i>Drs. R.M. Soedjono Respati, Director of Business Development, Indonesian Renewable Energy Society, Indonesia</i>
	- Technology Transfer for Low Carbon Development <i>Dr. Ilham Pratopo, PT. Rekayasa Industri, Indonesia</i>
	Discussion <ul style="list-style-type: none">- What are the major trends and modalities of transfer of priority low carbon technologies (renewable energy and energy-efficient technologies) in Indonesia?- What are the priority low carbon technologies in the major GHG-emitting sectors in Indonesia and the policies which promote their development/diffusion/transfer in Indonesia?- What are the key policy issues (e.g. tariff elimination, IPRs, financial incentives) that need to be addressed to facilitate the diffusion and adoption of the much-needed low carbon technologies in the major sectors?- What are the main barriers (market and non-market) in the key technologies (priorities) for the major GHG-emitting sectors, and how can these barriers be addressed?- What lessons can be learned from the experience of private firms (Indonesia/other countries) in terms of effective strategies employed to facilitate low carbon technology transfer and/or leapfrogging?- Who are the key actors and how can each of them in the technology concerned help facilitate their diffusion and transfer? What are the ongoing actions and targets/plans, if any?



Session 5: Institutional Issues Toward a Low Carbon Society (Chair: Dr.Ucok Siagian)

Scope: To understand the influence of administrative and fiscal decentralization on transport policies in Indonesia and identify suitable institutional reforms in view of decentralization.

14:30-15:30	Framing Presentation: Decentralisation and Low-carbon Transportation: Capacity and Coordination <i>Dr. Eric Zusman, Institute for Global Environmental Studies (IGES), Japan</i>
	<ul style="list-style-type: none">- Public Transport in Indonesia: Some Reflections <i>Dr. Heru Sutomo, Gadjah Mada University</i>- Central and Local Relations: Implications for Transport <i>Ir. Karlo Manik, MSc., Head of Sub directorate for Urban Transportation, Ministry of Transportation, Indonesia</i>
	Discussion <ul style="list-style-type: none">- How has decentralization influenced the design and implementation of transport policies in Indonesia?- How does the central government strengthen the administrative and fiscal capacity of local governments to implement transport policies in Indonesia?- How do local and national governments coordinate transport policies in Indonesia?- How could local capacity and coordination be improved in Indonesia?

15:30 - 15:45	Coffee Break
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Session 6: Traditional and Emerging Values and Practices to Anchor Sustainable, Low-Carbon Development in Asia (Chair: Mr.Takashi Otsuka)

Scope: To understand whether and to what extent traditional values and practices have anchored sustainable livelihoods in Asia. Cases of sustainable material use, community capacity to balance between competition and cooperation, respect for nature, diverse moral and ethical behaviours, etc. will be reviewed and their implications for sustainable, low-carbon development will be discussed.

15:45-17:30	Framing Presentation: Research Concept <i>Mr. Atsushi Watabe, Institute for Global Environmental Studies (IGES), Japan</i>
	<ul style="list-style-type: none">- Community-managed Low Carbon Development in Thailand <i>Dr. Opart Panya, Mahidol University, Thailand</i>- Weak Carbon Concern and a Soft Carbon Policy in Hong Kong: A Research Agenda <i>Dr. Yok-Shiu Lee, The University of Hong Kong</i>- Public responses for the Low Carbon Society in Japan <i>Dr. Midori Aoyagi, National Institute for Environmental Studies (NIES), Japan</i>
	Discussion <ul style="list-style-type: none">- How have recent trends in material use, social and community reform, and globalisation affected sustainable, low-carbon development in Asia?- How can we ensure the essence of sustainability remains intact the traditional practices when confronted with the above trends?- What are key lessons learnt from research on traditional (and emerging) values and practices?- How can we translate these key findings into messages that will help citizens, business people, and policy-makers realise sustainable, low-carbon development?- What are the appropriate research methods to extract, record, disseminate and scale-up lessons learnt?

17:30-17:45	Closing Remark	<i>Dr. Shuzo Nishioka</i>
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