Working Group on Capacity Building

Study Tour for Capacity Building

3rd Bioenergy Week

Indonesia, Medan (Sumatera)

Santika Premiere Hotel & Convention, 25-29 May 2015

Agenda

Hosted by:

Government of Indonesia

Supported by and in cooperation with:

[Logos of various organizations]
GBEP Working Group on Capacity Building (WGCB)

Study tour for capacity building and training (Activity Group 3)

*Agenda for the 3rd "Bioenergy Week"

*Indonesia, Medan, Santika Premiere Hotel & Convention 25-29 May 2015*

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**Social sustainability:**
- Smallholder involvement and development opportunities

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- Speakers will be invited to make cross cutting references to sustainability indicators (e.g. food security, job opportunities, gender aspects, land tenure, etc.)

**Environmental sustainability:**
- Mitigation and opportunities

***
- Speakers will be invited to make cross cutting references to sustainability indicators (e.g. GHG, biodiversity, water, soil, etc.)

**Field visit:**
- Roundtable discussions among policy makers, business sector and international banks/funds

**Conclusion:**
- 1. Wrap up messages
- 2. Discussion “How GBEP can contribute”
- 3. Concluding remarks
Monday, 25 May 2015

09.00 – 09.30  Registration of participants

09.30 – 09.35  Singing Indonesian Anthem – Indonesia Raya

09.35 – 09.50  Opening Dance

09.50 – 10.30  Opening Session and Welcome Speeches
Introduction: Dr. Maria Michela Morese, GBEP Executive Secretary

Welcome remarks
- R. Sabrina, Assistant to the Governor for North Sumatra Province
- Rodrigo Andrade Cardoso, Embassy of the Federative Republic of Brazil

Opening remarks
- Tisnaldi, Ministry of Energy and Mineral Resources of Indonesia
- Dr. Nani Hendiarti, Assistant to the Deputy Coordinating Minister for Maritime Affairs

10.30 – 10.45  Photo Session

10.45 – 11.10  Networking coffee break

11.10 – 12.30  Bioenergy development and regulatory frameworks in Asia
Chair: Dr Yandra Arkeman, Surfactant Bioenergy Research Center (SBRC)

- From the IEA global vision for bioenergy to regional and local strategies to accelerate deployment, Keisuke Sadamori, IEA Director for Energy Markets and Securities
- Bioenergy regulatory frameworks in Asia – An overview, Rosemarie Gumera, Philippine Sugar Regulatory Administration
- Bioenergy development in Indonesia, Edi Wibowo, Ministry of Energy and Mineral Resources, Indonesia
- The role of bioenergy in India, Sunil Dhingra, TERI, India
- Biomass Town Plan. The experience of Japan in ASEAN countries, Takashi Hayashi, Ministry of Agriculture, Forestry and Fisheries, Japan

12.30 – 14.00  Lunch break
14.00 – 15.30 SOCIAL SUSTAINABILITY - Smallholder involvement and development opportunities
Chair: Andrea Rossi, FAO

- Positive impact on bioenergy power plant development for local community in Indonesia, Thomas Wagner, PT Austindo Aufwind New Energy, and Wira, PT Bhakti Muki Bukti, Indonesia
- Community involvement in Indonesia Domestic Biogas Programme, Lina Moeis, Executive Director Yayasan Rumah Energi (YRE), Indonesia
- Rice husk for bioenergy, biochar and food security enhancement, Dr. Chan Saruth, Director of Department of Agricultural Engineering, Ministry of Agriculture Forestry and Fisheries, Cambodia

15.30 – 16.00 Coffee break

16.00 – 17.30
- Rising public awareness: promises beyond the dreams, Dr. Ahmed Abdelati, Ministry of Agriculture and Land Reclamation, Egypt
- Smallholder involvement and development opportunity, Mansuetus Darto, National Coordinator of Oil Palm Smallholders Union, Indonesia
- Bioenergy development opportunity in sustainable agriculture, Harry Hanawi, Partnership for Indonesia Sustainable Agriculture (PISAgro)

19.00 – 21.00 Gala dinner

Tuesday, 26 May 2015

09.00 – 10.30 ECONOMIC SUSTAINABILITY - Increasing energy security and energy access
Chair: Do Trong Hieu, Viet Nam

- Biofuels from palm oil competitiveness Issue, Paulus Tjakrawan, Association of Biofuel Producers, Indonesia
• Improved cookstoves. The experience in Lao PDR, Lattana Phaxaysombath, Director of Agriculture Extension and Cooperative, Ministry of Agriculture, Lao PDR
• Biofuel development in Viet Nam, Do Trong Hieu, Ministry of Industry and Trade, Viet Nam
• Increasing energy security and access. The experience in India, Sunil Dhingra, TERI, India

10.30–11.00 Coffee break

11.00–12.30
• Energy efficiency measures and biogas optimization at palm oil mills for increased power generation, Rafael Wiese, GIZ
• Biogas for domestic and industrial uses: the experience of CIBiogás-ER and ITAIPU in Brazil, Marcelo Alves de Sousa, CIBiogás-ER, Brazil
• New logistic systems for biomass production. The Italian experience, Luigi Pari, Agricultural Research Council, Italy
• Clean Cooking Fuels - Driving Investment, Awareness and Scale, Seema Patel, Global Alliance for Clean Cookstoves (GACC)

12.30–14.00 Lunch break

14.00–15.30 ENVIRONMENTAL SUSTAINABILITY - Mitigation and opportunities
Chair: Shabbir H. Gheewala, Thailand
• Palm oil biodiesel in Indonesia, Ms. Delima Asri, Indonesia Palm Oil Board
• Sustainable Agriculture with biofertilizers and organic fertilizers by smallholder farmers in Thailand, Nongkran Maneewon, Ministry of Agriculture and Cooperative, Thailand
• Efficient use of bioslurry from biogas systems in Viet Nam, Nguyen The Hinh, Deputy Director General of Agriculture Project Management Board, Ministry of Agriculture and Rural Development, Viet Nam

15.30–16.00 Coffee break
Wednesday, 27 May 2015 – FIELD VISIT to the PT Growth Asia (Bioenergy Power Plant located in Medan) and Biogas Power Plant at Pagar Merbau Palm Oil Mill.

Thursday, 28 May 2015 – ROUND TABLE DISCUSSION among policy makers, business sector and international banks/funds

**09.00 – 09.45**  
Introductory session – DEVELOPMENT OPPORTUNITIES IN ASIA  
*Moderator: Simone Landolina, IEA*

- An overview on advanced biofuels development in the world, *Simone Landolina, IEA*
- Bioenergy potential development from agricultural sector, *Badan Penelitian, Indonesia Agency for Agricultural Development and Research*

**09.45 – 12.30**  
Round table – ADVANCED BIOFUELS  
*Moderators: Gerard Ostheimer, SE4All Bioenergy Lead, Novozymes and Maria Michela Morese, GBEP Executive Secretary*
• An overview on international discussions on aviation biofuels, 
  César Velarde, ICAO
• Updates on the implementation of advanced biofuels, PT Pertamina
• Sustainable aviation fuel: a development and achievement overview in Malaysia, Kann-Ern Liew, Might/AMIC and Jean Marc Roda, CIRAD
• The utilization of advanced biofuels in the aviation sector, Capt. Novianto Herupratomo, Garuda Indonesia

11.00 – 11.15 Coffee break

• Pierluigi Picciotti, Beta Renewables
• Bas Melssen, Novozymes
• Paul Twine, NexSteppe
• Juan Barcala, Abengoa
• Adrian Suharto, Neste Oil

12.15 – 13.00 Participants (divided in groups/tables) will engage in an open discussion regarding “coordinated actions towards sustainable advanced biofuel development in the region”. This round table discussion will aim to develop a short list of opportunities; challenges; and coordinated actions to exploit opportunities and address challenges.

13.00 - 15.00 Lunch break

Participants will be divided in different thematic tables to separately discuss the following themes:

1. Technology Cooperation
   Moderator: Simone Landolina, IEA
   Moderator: Pierluigi Picciotti, Beta Renewables
   Moderator: Bas Melssen, Novozymes

2. Regulatory Frameworks
   Moderator: Rosemarie Gumera, Philippines
   Moderator: Gerard Ostheimer, SE4All Bioenergy, Novozymes

3. Bioenergy Sustainability
   Moderator: Helena Chum, NREL, US DoE
   Moderator: Adrian Suharto, Neste Oil
   Moderator: Andrea Rossi, FAO
15.00 – 16.00  Round table – SUGARCANE BASED ETHANOL OPPORTUNITIES
Moderator: Rosemarie Gumera, Philippine Sugar Regulatory Administration
- Bioethanol Development Opportunity in Indonesia, Untung Murdiyatmo, ASEND, Indonesia
- Sugarcane based ethanol production. The experience in the Philippines, Rosemarie Gumera, Philippine Sugar Regulatory Administration
- Q&A - Challenges and positive experiences

16.00 – 16.30  Coffee break

16.30 – 18.00  Round table – PROJECT FINANCING
Moderator: Pjotr Schade, Everest Energy Group
Participants will be guided through the various steps for project development and financing. A case study will also be presented.
- How to best develop a project
- How to finance a project
- Indonesian biofuels sector with regards to GHG emissions, Nazir Foead, Climate and Land Use Alliance Indonesia

Friday, 29 May 2015

09.00 – 10.20  Conclusions - Main messages of the Bioenergy Week and the role of GBEP to exploit opportunities and address challenges
Moderator: Maria Michela Morese, GBEP Executive Secretary
- Bioenergy development and regulatory frameworks in Asia
- SOCIAL SUSTAINABILITY - Smallholder involvement and development opportunities
- ECONOMIC SUSTAINABLITY - Increasing energy security and energy access
- ENVIRONMENTAL SUSTAINABILITY - Mitigation and opportunities
  Andrea Rossi, FAO
- ROUNDTABLES
  Advanced biofuels
  Gerard Ostheimer, SE4All Bioenergy Lead, Novozymes
  Sugarcane based ethanol opportunities
Rosemarie Gumera, Philippine Sugar Regulatory Administration

Project financing
Pjotr Schade, Everest Energy Group

- THEMATIC TABLES
  Technology Cooperation
  Pierluigi Picciotti, Beta Renewables
  Regulatory Frameworks
  Gerard Ostheimer, SE4All Bioenergy, Novozymes
  Bioenergy Sustainability
  Helena Chum, NREL USDoE
  Adrian Suharto, Neste Oil
  Andrea Rossi, FAO

10:20 – 10:30 Closing remarks
  Tisnaldi, Ministry of Energy and Mineral Resources, Indonesia
  Dr. Maria Michela Morese, GBEP Executive Secretary

10:30 Coffee break

13.00 – 14.00 Lunch