7th Bioenergy Week and Study Tour for Capacity Building

Philippines, Manila

Philippine International Convention Center (PICC)
Cultural Center of the Philippines Complex, Roxas Boulevard,
Pasay City, Metro Manila
25-27 June 2019

Concept note and agenda

Hosted by:

In Collaboration with:

Supported by and in cooperation with:
1. Background

The 7th Bioenergy Week of the Global Bioenergy Partnership (GBEP) will be held in Manila, Philippines, from 25 to 27 June 2019.

GBEP has been holding the GBEP Bioenergy Weeks since 2013, with the first one held in Brazil, followed by the second in Mozambique in 2014, the third edition in Indonesia in 2015, and the fourth Bioenergy Week in Budapest in June 2016. The GBEP Working Group on Capacity Building (WGCB), under the co-leadership of ECOWAS and Argentina, have stressed the enormous added value of this first cycle of regional events in terms of capacity building and information sharing, and expressed the willingness and need to continue this activity with a second cycle of regional Bioenergy Weeks. As such, the fifth Bioenergy Week was held in the ECOWAS region, in Ghana in 2017, and the sixth in Argentina in 2018.

The 2019 Bioenergy Week will enhance learning from positive experiences on sustainable production and use of bioenergy integrated within food production value chains, to support the design and implementation of bioenergy policies in Asia and the Pacific. Furthermore, it will provide the opportunity to continue a dialogue with the private sector and other stakeholders on ways to improve mutual cooperation towards a more sustainable production and use of bioenergy.

2. Objectives

The 2019 Bioenergy Week is organized to foster discussion and exchange of experiences and skills that have been proven to showcase the practicality of sustainable bioenergy services and to support its accelerated implementation in Asia and the Pacific. It will serve as an avenue for strengthening cooperation between member states and established institutions for increasing the provision of sustainable energy services.

Specifically, the Forum aims to:

- Demonstrate the state of global and regional bioenergy, policies and regulations;
- Present the state of the regional bioenergy situation and efforts to further enhance the share of bioenergy within the regional energy mix;
- Discuss successful, replicable bioenergy systems that provide sustainable modern energy services;
- Showcase available technologies, R&D, feedstocks and financial instruments of partners and investment firms; and
- Provide a platform to the private sector in order to facilitate a viable bioenergy market in the region.
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<td><strong>BIOGAS &amp; WASTE TO ENERGY</strong></td>
<td><strong>Field Visit</strong></td>
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<td>Welcome speeches</td>
<td>Exchange of experiences and opportunities for feedstocks, technologies and investments.</td>
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<td>Speakers will be invited to make cross cutting references to sustainability and to value chains approaches, challenges and opportunities.</td>
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<td><strong>Global, regional and national policies</strong></td>
<td><strong>ADVANCED BIOFUELS</strong></td>
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<td>State of the art, challenges and lessons learned</td>
<td>Exchange of experiences and opportunities for feedstocks, technologies and investments.</td>
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<td><strong>LIQUID BIOFUELS</strong></td>
<td><strong>ROUNDTABLE DISCUSSION WITH POLICY MAKERS, BUSINESS SECTOR AND INTERNATIONAL BANKS/FUNDS</strong></td>
<td><strong>Field Visit (cont’d)</strong></td>
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<td>Exchange of experiences and opportunities for feedstocks, technologies and investments.</td>
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<td><strong>Reception</strong></td>
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<td>08.30 – 09.00</td>
<td>Registration of participants and welcome coffee</td>
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<td>09.00 – 10.00</td>
<td><strong>Opening and Welcome Remarks</strong></td>
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<td>• Secretary Alfonso G. Cusi, Department of Energy, Philippines</td>
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<td>• Tamara Palis-Duran, Assistant Representative of Food and Agriculture Organization of the United Nations (FAO) in the Philippines</td>
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<td>• Sérgio Taam, Chargé d’Affaires, Embassy of the Federative Republic of Brazil in the Philippines – Brazil Co-Chair of the Global Bioenergy Partnership (GBEP)</td>
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<td>10.00 – 10.15</td>
<td><strong>Photo Session</strong></td>
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<td>10.15 – 10.45</td>
<td><strong>Networking coffee break</strong></td>
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<td>10.45 – 12.45</td>
<td><strong>Global, regional and national policies</strong></td>
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<td><strong>Moderator: Suani Coelho, University of Sao Paulo (USP), Brazil</strong></td>
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<td>• Legislator’s perspective on the global trends on bioenergy and National RE and Bioenergy Policy and Regulatory Framework <em>Senator Sherwin T. Gatchalian</em>, Chairman Senate Committee on Energy, Senate of the Philippines</td>
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<td>• Bioenergy regulatory frameworks in Asia <em>Nestor Arcansalin</em>, Director of the Board of Investments, Department of Trade and Industry, the Philippines</td>
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<td>• Bioenergy regulatory frameworks in Africa <em>Rashid Ali Abdallah</em>, Executive Director, AFREC/African Union (pre-recorded presentation)</td>
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<td>• Bioenergy regulatory frameworks in the EU <em>Giulio Volpi</em>, D.G. Energy, European Commission (pre-recorded presentation)</td>
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<td>• International Energy Agency (IEA) global vision for bioenergy to regional and local strategies to accelerate deployment <em>Simone Landolina</em>, International Energy Agency (IEA)</td>
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<td>• Bioenergy and the Global Energy Transition <em>Toshimasa Masuyama</em>, International Renewable Energy Agency (IRENA)</td>
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<td>• The contribution of the Global Bioenergy Partnership (GBEP) <em>Maria Michela Morese</em>, Executive Secretary, GBEP</td>
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<td>12.45 – 14.00</td>
<td><strong>Lunch</strong></td>
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14.00 – 15.30  **Exchange of experiences and opportunities on liquid biofuels**  

- The experience in Indonesia  
  *H.E. Musdalifah Machmud*, Deputy Minister for Food and Agriculture, Coordinating Ministry of Economic Affairs, Indonesia

- The experience in the Philippines  
  *Mateo Lorenzo*, Ethanol Producers Association of the Philippines (EPAP)  
  *Rafael Diaz*, Asian Institute of Petroleum Studies, Philippines

- The Thailand Experience  
  *Thibodee Harnprasert*, President, Society of Automotive Engineers of Thailand

- The experience in Brazil  
  *Eduardo Leão*, Executive Director of UNICA, Brazil  
  *Flavio Castelar*, APLA, Brazil

- **Q&A session**

15.30 – 16.00  **Coffee break**

16.00 – 17.00  **Exchange of experiences and opportunities on liquid biofuels (cont’d)**

- Best cases form Argentina  
  *Miguel Almada*, Director of Bioenergy, Secretariat of Agroindustry, Argentina (pre-recorded presentation)

- The experience of Thailand,  
  *Shabbir H. Gheewala*, King Mongkut's University of Technology Thonburi, Thailand

- Asia Biofuels Market Progression  
  *Paul C W Roberts*, Alcotra Singapore Pte Ltd

- European Standards on Biofuel Blends,  
  *Kyriakos Maniatis*, D.G. Energy, European Commission (pre-recorded presentation)

- **Q&A session**

17.30 – 21.00  **Reception kindly hosted by Novozymes**
09.00 – 10.30  Exchange of experiences and opportunities on biogas, biomethane and waste-to-energy
Moderator: Dr. Bernardo D. Tadeo, President Full Advantage Phils. International, Inc.

- The experience in the Philippines
  Mary Rose Omega, FDR Integrated Resource Recovery Management Inc., Naga City, Cebu

- The experience of Viet Nam
  Dr. Pham Quang Ha, Vietnam Academy of Agricultural Sciences (VAAS)

- The experience of German Development Cooperation on the Panay Island
  Dr. Klaus Schmitt, GIZ, Germany

- Exploring constraints for the further expansion of biogas systems in Japan
  Dr. Masayasu Asai, Policy Research Institute, Ministry of Agriculture, Forestry and Fisheries (MAFF), Japan

- The experience in Egypt
  Ahmed Abdelati, Ministry of Agriculture and Land (MAL), Egypt

- The experience of Brazil
  Suani Coelho, University of Sao Paulo (USP), Brazil
  Alexander Gardemann, ABIOGAS, Brazil

- Q&A session

10.30 – 11.00  Coffee break

11.00 – 12.30  Exchange of experiences and opportunities on advanced biofuels
Moderator: Dr. Gerard Ostheimer, World Business Council on Sustainable Development (WBCSD)

- The future of biofuels
  Bas Melssen, Novozymes

- The IRENA experience on advanced biofuels,
  Toshimasa Masuyama, International Renewable Energy Agency (IRENA)

- The experience of USA,
  Helena Chum, National Renewable Energy Laboratory (NREL), US Department of Energy, Washington, D.C. (skype or pre-recorded presentation)

- Advantages of lignocellulosic technology for decarbonisation: sunliquid’s commercial readiness,
  Paolo Corvo, Clariant

- Q&A session
Lunch

Roundtable: Challenges and opportunities for the development of bioenergy
Moderator: Paolo Corvo, Clariant
- Maximizing availability and use of sustainable feedstocks
  Olivier Dubois, FAO (pre-recorded presentation)
- Bioenergy from Sugar Industry - Thailand, Viet Nam, Philippines
  In Thailand - Rangsit Hiangrat, Director General, Sugar Millers Association, Thailand
  In the Philippines - Don Dia, President, Biomass Renewable Energy Alliance (BREA)
- Below50 Southeast Asia: Driving Demand for the world’s most sustainable fuels
  Gerard Ostheimer, WBCSD
- Building a global ethanol market – experiences of the US Grains Council’s worldwide market development efforts
  Tim Tierney, Director of Strategic Marketing - North Asia, USGC
- Financing Development of Bioenergy
  Stephen S Peters, Senior Energy Specialist, Asian Development Bank (ADB)

Coffee break

Roundtable: Challenges and opportunities for the development of bioenergy (cont’d)
- Q&A session

Conclusions and closing remarks
- Secretary Alfonso Cusi, Department of Energy, Philippines
- Maria Michela Morese, GBEP Executive Secretary
08.00 – 20.00 Field visit

08.00 Departure from Philippine International Convention Center (PICC)
The group will be divided into two groups to visit two plants:

- **Bioethanol Plant in Brgy. Talisay, Calaca, Batangas (100 km distance from Metro Manila – 2/3 hrs journey)**
  - Bioethanol Production Plant
  - Derrick B. Lee, Executive Vice President
  - Balayan Distillery, Inc.

- **Biodiesel Plant in Quezon City (12 km distance from Metro Manila – 45 min. journey)**
  - Chemrez Plant
  - Mr. Dean Lao, Jr., Chief Operating Officer
  - Chemrez Technologies, Inc.

- **Biopower Plant in Nueva Ecija (190 km distance from Metro Manila – 3/4 hours journey)**
  - Power Corporation
  - Engr. Edgardo Alfonso, Chief Executive Officer