

**7th Bioenergy Week and**

**Study Tour for Capacity Building**

*Philippines, Manila*

*Philippine International Convention Center (PICC)*

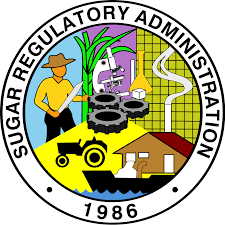
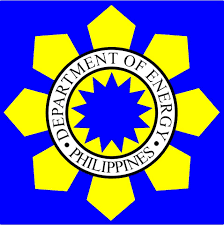
*Cultural Center of the Philippines Complex, Roxas Boulvard,*

*Pasay City, Metro Manila*

*25-27 June 2019*

**Concept note and agenda**

**Hosted by:**



**In Collaboration with:**



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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.

1. **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.

**GBEP Working Group on Capacity Building (WGCB)**

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

**Agenda for the 7th Bioenergy Week**

|  |  |  |
| --- | --- | --- |
| **25 June 2019** | **26 June 2019** | **27 June 2019** |
| **OPENING**  Welcome speeches  **\*\*\***  **Global, regional and national policies**  State of the art, challenges and lessons learned | **BIOGAS**  **& WASTE TO ENERGY**  **Exchange of experiences and opportunities for feedstocks, technologies and investments.**    Speakers will be invited to make cross cutting references to sustainability and to value chains approaches, challenges and opportunities.  **\*\*\***  **ADVANCED BIOFUELS**  **Exchange of experiences and opportunities for feedstocks, technologies and investments.**    Speakers will be invited to make cross cutting references to sustainability and to value chains approaches, challenges and opportunities. | **Field Visit** |
| **Lunch** | **Lunch** | **Lunch** |
| **LIQUID BIOFUELS**  **Exchange of experiences and opportunities for feedstocks, technologies and investments.**  Speakers will be invited to make cross cutting references to sustainability and to value chains approaches, challenges and opportunities. | **ROUNDTABLE DISCUSSION WITH POLICY MAKERS, BUSINESS SECTOR AND INTERNATIONAL BANKS/FUNDS**  **\*\*\***  **KEY MESSAGES AND CONCLUSIONS** | **Field Visit (cont’d)** |
|  | **Reception/Cocktail** |  |

**Tuesday, 25 June 2019**

08.30 – 09.00 **Registration of participants and welcome coffee**

09.00 – 10.00 **Opening and Welcome Remarks**

* Representative of the Department of Agriculture, Philippines
* Representative of the Department of Energy, Philippines
* Representative from Legislative Branch, Philippines
* *Jose Luis Fernandez*, Representative of Food and Agriculture Organization of the United Nations (FAO) in the Philippines
* *João Genésio*, Director of the Department of Energy, Ministry of External Relations, Brazil and Co-Chair of the Global Bioenergy Partnership (GBEP) and/or *Maria Michela Morese,* Executive Secretary, GBEP

10.00 – 10.15 **Photo Session**

10.15 – 10.45 **Networking coffee break**

10.45 – 12.30 **Global, regional and national policies**

*Moderator:* Dr. Gerard Ostheimer, WBCSD

***Keynote speakers***

* From the IEA global vision for bioenergy to regional and local strategies to accelerate deployment

*Keisuke Sadamori, IEA Director for Energy Markets and Security*

* Bioenergy and the Global Energy Transition

*Francesco La Camera, Director General, International Renewable Energy Agency (IRENA)*

* Bioenergy Regulatory Framework in the Philippines

*Atty Jose Layug, Developers of the Renewable Energy for AdvanceMent, Inc. (DREAM)*

* Bioenergy regulatory frameworks in ASEAN

*Representative from the ASEAN Secretariat*

***Reaction to the keynote speeches:***

* Legislative Branch, Philippines

***Speakers cont’d***

* Bioenergy regulatory frameworks in Africa

*Rashid Ali Abdallah, Executive Director, AFREC/African Union*

* Bioenergy regulatory frameworks in the EU

*Representative from the European Commission*

* Bioenergy regulatory frameworks in the Americas

*Representative from ECLAC*

* The contribution of the Global Bioenergy Partnership (GBEP),

*Maria Michela Morese, Executive Secretary, GBEP*

12.30 – 14.00 **Lunch**

14.00 – 15.30 **Exchange of experiences and opportunities on liquid biofuels**

*Moderator: Rosemarie Gumera, Philippine Sugar Regulatory Administration*

* The experience in the Philippines*, Mr. Renato Cabati, EPAP and Mr. Jun Lao, TPBA*
* The experience in Thailand*, Mr. Rangsit Hiangrat, Director General, Sugar Millers Association, Thailand*
* The experience in Indonesia, *Elis Heviati, Ministry of Energy and Mineral Resources, Indonesia*
* The experience in Brazil, *Adriano Bonotto, Ministry of External Relations, and Flavio Castelar, APLA, Brazil*
* Biofuel policies in the U.S.A. supporting market development and research, *Fahran Robb, Department of Agriculture, U.S.A.*

15.30 – 16.00 **Coffee break**

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

* Sharing experience on Oil Refining, High Octane and Ethanol Blends*, Representative from Flint or oil refinery (tbc)*
* The experience of POET, *Bob Casper Chief Commercial Officer, POET and/or the experience of the California Road Board on Fuel Blends, Representative from the California Road Board*
* European Standards on Biofuel Blends*, Representative from the EU*
* *Experience on Marine Vessels – the role of biofuels, Representative from IMO*
* *Q&A session*

**Wednesday, 26 June 2019**

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.*

***Keynote speakers***

* The experience of the Austrian technology on MSW in the Philippines, *Representative from FDR Cebu*
* The experience of Viet Nam, *Dr. Pham Quang Ha, Vietnam Academy of Agricultural Sciences (VAAS)*
* The experience of Germany, *Representative from Germany*

***Reactions to the keynote speakers:***

* Representative from DENR-EMB, Philippines
* Representative from Civil Society/NGO, Philippines

***Speakers cont’d***

* The experience of China on biogas technologies, *Representative from China*
* Exploring constraints for the further expansion of biogas systems in Japan, *Takashi Hayashi, Policy Research Institute, MAFF, Japan*
* The experience in Egypt, *Ahmed Abdelati, Ministry of Agriculture and Land, Egypt*
* The experience of Brazil, *Suani Coelho, USP, and Alexander Gardemann, ABIOGAS, Brazil*

10.30 – 11.00 **Coffee break**

11.00 – 12.30 **Exchange of experiences and opportunities on advanced biofuels**

*Moderator: Jeffrey Skeer, IRENA*

* The contribution of IRENA,

*Jeffrey Skeer, IRENA*

* The experience on aviation biofuels,

*Jane Hupe, ICAO*

* The experience of USA,

*Helena Chum, National Renewable Energy Laboratory (NREL), US DoE*

* Assessing sustainable bioenergy production potential: Horizon 2020 Project – BIOPLAT-EU

*Marco Colangeli, FAO*

* The experience of Thailand, *Shabbir H. Gheewala, King Mongkut's University of Technology Thonburi, Thailand*
* The experience of Australia, Representative from Australia and/or Qantas

12.30 – 14.00 **Lunch**

14.00 – 15.30 **Roundtable: Challenges and opportunities for the development of bioenergy**

*Moderator and key note speaker: Andrea Kent, Vice President, Greenfield Global, Canada*

* The experience of the Philippines,

*Mr. Don Dia, President Biomass Renewable Energy Alliance*

* Below50 in Southeast Asia and Australia: driving demand for the world's most sustainable fuels,

*Gerard Ostheimer, WBCSD*

* The experience of the U.S. Grains Council,

*Mike Dwyer, Chief Economist, U.S. Grains Council*

* The experience in Thailand

Mr. Rangsit Hiangrat Director General, Sugar Millers Association, Thailand

* The role of the Land Bank of the Philippines,

Representative of LBP

* The role of Asian Development Bank

*Representative of ADB*

* The role of the Development Bank of the Philippines

*Representative of DBP*

* The contribution of the World Bank,

*Representative of the WB*

15.30 – 16.00 **Coffee break**

16.00 – 16.30 **Roundtable: Challenges and opportunities for the development of bioenergy (cont’d)**

* *Q&A session*

16.30 – 17.00 **Conclusions and closing remarks**

* *Representatives from the Government of the Philippines (Executive and Legislative Offices)*
* *Maria Michela Morese, GBEP Executive Secretary*

19.30 – 22.30 **Reception/Cocktail** **kindly hosted by Novozymes**

**Thursday, 27 June 2019**

08.00 – 20.00  **Field visit**

08.00Departure from Philippine International Convention Center (PICC)

The group will be divided into three groups to visit three plants:

* *Bioethanol Plant Facility in Batangas*
* *Biodiesel Plant in Quezon City*
* *Biopower Plant in Nueva Ecija*