

Attachment A

Conference Program

Co-Organized by:



DENR



DOST



DA

Conference on
**Mitigating Greenhouse Gas Emissions from
Livestock and Agro-Industrial Waste**

In Cooperation With:



US EPA



Methane to Markets
Partnership



THE WORLD
BANK

15-16 October 2009,
The Peninsula Manila

BACKGROUND

Introduction

At its first session of the Meeting of Parties of the Kyoto Protocol, the concept of “Programs of Activities” (PoA) was introduced as a variation to the single project implementation of the Clean Development Mechanism (CDM). It basically works as a programmatic approach to developing carbon reduction initiatives where, instead of registering projects one by one, programs can now be developed which will enroll generic projects as a group. PoAs have been applied for biogas flaring, composting, efficient lighting, run-of-the-river hydropower, solar home systems and solar water heating among others. The application of PoAs is an opportunity to overcome the barriers to a wider participation in the trade of Carbon Emission Reduction (CER) or Carbon Credits. The single-project oriented regulations of the CDM involved high transaction costs and the need for complex organizational performance structures which prevented interested entities from pursuing these Greenhouse Gas Emission Reduction projects. Small generators of Greenhouse Gases did not participate in the CDM market due to the high transaction cost. The PoA approach promises to widen the reach of CDM and achieve higher levels of GHG reduction in the country.

A study conducted by PA Consulting and the Eastern Research Group in support of the USEPA Methane to Markets Partnership Program (M2M), identified sources of methane reduction potential in the Philippines. The top three sectors with the highest potential are power, transport and waste management. The assessment showed that the top four sub-sectors in waste management are piggeries/swine farming (61,509 MT CH₄/year), alcohol distilleries (16,158 MT CH₄/year), desiccated coconut processing (3,472 MT CH₄/year), and slaughterhouses (426 MT CH₄/year). This shows the high potential in the management of waste from the agro-industrial sector. Combining the PoA approach with waste management for the agro-industrial sector will target a large sector of small and medium scale industries/entities which would previously not have benefitted from the Clean Development Mechanism.

Objectives

- Take stock of the country's experience with the Clean Development Mechanism (CDM).
- Increase awareness of the PoA concept and the important role which the Methane-to-Markets Partnership contributes to its success.
- Discuss issues and concerns to the development of PoAs.
- Formulate innovative ideas for new types of PoAs,
- Formulate PoA approaches that include spin-off funds for development of poor communities
- Promote the use of PoAs for reducing emissions in the rural and urban setting.
- Introduction of current PoAs under development and discuss ways of how the various stakeholders can participate and benefit from these PoAs.
- Discuss how government and public agencies can promote the use of PoAs to support their development objectives.

Target Audience

- LGUs with plans to develop methane generating facilities such as slaughterhouses, domestic wastewater treatment, landfills.
- Piggery owners
- Distillery owners
- PoA developers (public and private)

Expected Outcomes

- Better understanding of PoAs and how they can be structured in the context of the Philippines.
- Increased stakeholders' awareness on the carbon reduction opportunities and the associated technologies.
- More frequent and successful use of POAs by public and private entities.
- Identification of initial sets of subprojects/projects under each of the PoA in the agro-industrial sector.

CONFERENCE PROGRAM

DAY I: OCTOBER 15, 2009

TIME	SESSION
8:00 - 9:00 am	Registration Opening of Exhibits
9:00 - 10:20	Opening Session Moderator: Ms. Elisea B. Gozun
9:00 - 9:15	Welcome Remarks Secretary Jose L. Atienza, Jr., Department of Environment and Natural Resources
9:15 - 9:30	Conference Overview Usec. Mary Ann Lucille Sering, Department of Environment and Natural Resources
9:30 - 9:45	Message Mr. Bert Hofman, Philippines Country Director, World Bank
9:45 - 9:50	Introduction of Keynote Speaker Secretary Jose L. Atienza, Jr., Department of Environment and Natural Resources
9:50 - 10:20	Keynote Address President Gloria Macapagal Arroyo
10:20 - 10:30	Coffee Break
10:30 - 12:30 pm	Session I: Overview of Carbon Emission Reduction Programs Chair: Ms. Joy Goco, EMB-DENR
10:30 - 11:00	Philippine Climate Change Agenda and Programs Usec. Mary Ann Lucille Sering, Department of Environment and Natural Resources
11:00 - 11:30	Methane to Markets in the Philippines Dr. Graciano Yumul, Jr., Methane to Markets Philippine Focal Person Department of Science and Technology (DOST)
11:30 - 12:00	Clean Development Mechanism: How it Works and new Carbon Finance Instruments (Post-Kyoto) Mr. Johannes Heister, World Bank
12:00 - 12:30	Open Forum
12:30 - 1:30 pm	Lunch Break (Gallery – 3rd Floor)
1:30 - 3:20	Session II : Case Studies – Bundling of Projects Chair: Assistant Director Carmencita A. Bariso, Department of Energy
1:30 - 1:50	Nepal Biogas Project – A Case of Bundling of Projects for CDM funding Mr. Prahash Lamichhane, BSP Nepal
1:50 - 2:10	Thailand Pig Waste Program Ms. Pongtip Puvacharoen, World Bank
2:10 - 2:30	Philippines Laguna de Bay Community Composting Project – Bundling LGU subprojects Ms. Lennie Santos-Borja, Laguna Lake Development Authority
2:30 - 2:50	Land Bank of the Philippines Pig Waste and Landfill Programs Ms. Noemi P. dela Paz, Land Bank of the Philippines
2:50 - 3:20	Discussion
3:20 - 3:40	Coffee Break
3:40 - 4:50	Session III: Anaerobic Digestion in the Global Context Chair: Engr. Raul C. Sabularse, PCIERD-DOST
3:40 - 4:00	Overview of the Technologies and Programs in Thailand Dr. Poon Thiengburanatham, ERDI Chiang Mai University
4:00 - 4:20	Anaerobic Digesters in the Philippines Mr. Paul Puthenpurekal, Solutions Using Renewable Energy Inc. (SURE)
4:20 - 4:50	Discussion

DAY 2: OCTOBER 16, 2009

9:00 - 10:30 am	Session IV Philippine Opportunities for Reducing Methane Emissions in the Pig Sector Chair: Ms. Elisea B. Gozun
9:00 - 10:30	Panel Discussion Current Use of Digesters in South East Asia Phil. Bio-Sciences Co. Inc., Philippine Sanitation Alliance, and ERDI Each panelist has 10-15 minutes to present their experience followed by 15-20 minutes of Q and A from audience
10:30 - 10:45	Coffee Break
10:45 - 12:00	Session V: Philippine Case Studies for Reducing Methane Emissions in the Agro-Industrial Sector Chair: Director Davinio Catbagan, Bureau of Animal Industry, Dept. of Agriculture
10:45 - 11:05	Decentralized Wastewater Treatment System of Sta. Cruz Municipal Slaughterhouse Mayor Ariel Magcalas, Sta. Cruz, Laguna
11:05 - 11:25	Biogas System for Pig Waste
11:25 - 12:00	Discussion
12:00 - 1:30	Lunch Break (Gallery – 3rd Floor)
1:30 - 5:15	Session VI: Philippine Opportunities for Reducing Methane Emissions in the Agro-Industrial Sector Chair: Ms. Elisea B. Gozun
1:30 - 2:30	Panel Discussion: Current Experience with CDM Projects in the Philippines Phil Bio, SEEDLinks Philippines Inc., TUV SUD PSB Philippines, Inc Each panel member has 10 minutes to present their experience and recommendations
2:30 - 3:10	Panel: Overview of Philippine Methane Reduction Programs in Livestock and Agro-Industrial Waste sector Mr. John Morton, Environmental Specialist, World Bank, Washington DC Mr. Joe Tuyor, Sr. Operations Officer, World Bank, Philippines
3:10 - 3:40	Panel Q and A
3:40 - 4:00	Role of the Methane to Markets Partnership Program Mr. Kurt Roos, Team Leader, Agricultural Methane Programs, USEPA
4:00 - 4:15	Coffee Break
4:15 - 5:00	Presentation and Discussion on the Initial List of Projects and Next Steps
5:00 - 5:15	Signing Ceremony Program of Action - First Set of Potential Projects LGU Slaughterhouse Projects, Distilleries, Piggeries
5:15 pm	Closing Ceremonies
End of Conference	