



Sustainable Human Development Program

2016 PROJECT ACCOMPLISHMENT REPORT

I. Project Information

Project Code: HDRFZG

Project Title: Technical Assistance to the Global Methane Initiative (GMI) on the Revival of the Philippine Methane Partnership (PMP) and Hands-On Training on the Repair and Maintenance of Guillermo Farm Biodigester.

Project Start: September 01, 2016

Project End: December 31, 2016

Project Price: PhP2,270,570.00

Client Organization: Eastern Research Group, Inc. (ERG)

II. Project Team

Project Manager: Mary M. Sagapan

Team Members: RL Jerlyn H. Oliva, Marites C. Yee, Noel V. Pelle, Jenneffer A. Casalan, and Editha Estanislao

Supervising Fellow: Dorothea Boy-Navarro

Consultants/ Resource Persons: Dr. Orlando Anselmo, and Ms. Carla Magalona

III. Project Details

Project Description

The GMI is an international public-private initiative that advances cost effective, near-term methane abatement and recovery and use of methane as a clean energy source in four sectors: agriculture, coal mines, municipal solid waste, oil and gas systems, and wastewater. These projects reduce GHG emissions in the near term and provide a number of important environmental and economic co-benefits such as:

- ✓ Stimulating local economic growth;
- ✓ Creating new sources of affordable alternative energy
- ✓ Improving local air and water quality, with associated public health benefits
- ✓ Increasing industrial worker safety

GMI seeks to reduce the informational, institutional, and other market barriers to project development through the development of tools and resources, training and capacity building, technology demonstration, and direct project support. Special emphasis is given to bringing together all of the actors necessary for project development, including governments, financial institutions, project developers, technology providers, and others. They previously tapped the DAP to conduct previous projects on methane abatement and recovery projects.

Under this project, DAP will assist ERG in furthering the mission of GMI by conducting a study tour of the digester at Guillermo farm Rizal and organizing meetings of the Philippine Methane Partnership (PMP) .



Sustainable Human Development Program
2016 PROJECT ACCOMPLISHMENT REPORT

**Project
Objective**

The following are the project objectives:

Component 1: Repair and Maintenance of the Guillermo Farm Digester

The digester at Guillermo farm was originally constructed with support of GMI and is currently not functioning. The objectives of the interventions are the following:

1. To repair the Guillermo Farm biodigester. The DAP, along with staff from partner Department of Science and Technology, will assess the problems with the digester functionality (e.g., clean digester, diagnose the leak, conduct an air tightness test). The team will then proceed to fix the digester based on the assessment of the problem(s).
2. To build capacity of PMI partners in cleaning digesters, assessing leaks, and repairing the digester. DAP will invite and coordinate partners including the Bureau of Animal Industries (BAI) and International Training Center for Pig Husbandry (ITCPH) to attend the hands-on training on the cleaning, assessment, and repair of the digester.
3. To document activities. DAP will be responsible for documenting the activities and creating a brief video for posting to You-Tube to assist others in learning how to clean, diagnose, and repair digesters.

Component 2: Revival of the Philippine Methane Partnership (PMP)

The National Solid Waste Management Commission (NSWMC) passed Resolution No. 57, Philippines establishing the PMP, in September 2013. The partnership consists of 16 government and non-government partners. The DAP will work with partners to reinvigorate the PMP with the goal of solidifying the partnership such that its work will be sustainable following GMI funding.

Focus Area	Policy Reform Agenda dev't, policy review, policy advocacy, Productivity-driven Development, sustainable human development
Project Type	Technical Assistance
Project Beneficiary	Agriculture, Bureaucracy, Public Sector
Regional Coverage	National

IV. Project Accomplishments

**Key Activities
Implemented**

Key Activities Implemented:

The key activities conducted for the project were the following:

Component 1: Hands-on Training on the Repair and Maintenance of the Guillermo Farm

Biodigester

- a) Site assessment of the Guillermo Farm and coordinate the schedule for the repair;



Sustainable Human Development Program

2016 PROJECT ACCOMPLISHMENT REPORT

	<ul style="list-style-type: none"> b) Conduct of actual digester repair and maintenance; c) Drafted and submitted You-Tube Video, photos with captions and documentation report for review of the client; d) Draft and submit final You-Tube Video integrating the suggestions of the client; and e) Monitoring of the Guillermo Farm Digester to ensure its functionality <p><i>Component 2: Revival of the Philippine Methane Partnership (PMP)</i></p> <ul style="list-style-type: none"> a) Identified and invited participants for the several meetings to be conducted; b) Conducted meetings; c) Prepare Minutes of Meetings and documentation report and submit to the client; d) Conduct of the PMP Strategic Assessment and Planning Workshop; e) Prepared and submitted documentation reports to the client; and f) Conduct of follow-up meetings, <i>if needed</i>.
Major Outputs	<p>The following were the major outputs of the activities conducted:</p> <ul style="list-style-type: none"> 1. You-Tube Video Documentation; 2. Photos with captions; 3. Documentation reports; 4. Documentation Reports on the meetings with project partners; 5. PMP Strategic Plan; and 6. Facebook Group Page created
Project Outcome/Impact	<p>The project activities especially the repair of the Guillermo Farm Biodigester contributed to the methane abatement from animal waste through capturing it for cooking. It also contributes to the increase income of the farm owner. For the other project activities, it contributes to the continuous communities' awareness on the ill-effects of methane from the animal wastes and this can be captured and be useful through the installation of biodigesters. The activities contributed to the revival of the Philippine Methane Initiatives (PMI), a convergence of multi-sectoral and inter-agency entities that promote and implement methane reduction initiatives for sustainable development.</p>
Lessons Learned	<p>The lessons learned from the implementation of the project are as follows:</p> <ul style="list-style-type: none"> 1. Constant and clear communication with the client is very important for on-time conduct of the project activities and submission of quality outputs. 2. Maximize the use of internet and phones to follow-up participants invited to ensure their participation for the satisfaction of the client.
Planned Activities for the Year (2017)	<p>The project ended in December 2016. We are waiting for the signing of the Project Deliverables Accepted and Certificate of Project Closure from the Client.</p>



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Sustainable Human Development Program

2016 PROJECT ACCOMPLISHMENT REPORT

V. Attachments

- Summary of Evaluation for Course - 4.35 *For the conducted Strategic Planning Workshop for the Revival of the Philippine Methane Initiative on Dec. 12 to 13, 2017. (Please see attached evaluation.*
- Certificate of Project Closure (for all completed projects) – *Please see attached Project Acceptance and Closure.*

Prepared by:


MARY M. SAGAPAN

Project Manager

Noted / Approved by:


ALAN S. CAJES

Managing Director

Notes:

1. Project details on Section I-III can be generated thru PMIS based on PMs Inputs.
2. Project Managers are required to accomplish Section IV & provide Section V to reflect results of project implementation
3. Project Managers can update/adjust the pre-filled sections(I-III) based on actual data