

Reduction of GHG Emissions through Promotion of Commercial Biogas Plants

Newsletter- March 2016

ABOUT THE PROJECT AND IMPLEMENTATION KICKED OFF

Welcome!

We have an honor to present our first issue of newsletter that is available online. Our goal is to keep you informed of the activities of the project. We hope you find the information useful and we wish you a happy reading.

The project "Reduction of GHG emission through promotion of commercial biogas plants" was launched in July 06, 2015 and it brought together around 150 participants from relevant ministries, as well as development partners, and representatives of the private sector. The project aims to demonstrate biogas-based minigrids of at least 1.5MW cumulative capacity which will be realized through private sector investments in commercial medium and large scale livestock farms. These livestock farm owners will be provided with technical assistance and financial subsidy for developing their own biogas powerplants to generate electricity for farm operations and to sell excess power to nearby communities, thus functioning as Rural Electricity Enterprises (REEs).



The project consists of four components (PC): 1) strengthening national capacity on GHG mitigation; 2) human and institutional capacity building through policy, technical and financial aspects of biogas power plants; 3) creation of enabling environment for investment of advanced biogas technologies; and 4) demonstration of biogas based mini-grid technologies in a cassava starch processing factory and livestock farms.

The first project steering committee (PSC) meeting was also held to define its compositions and to approve the project's workplan for 2015/16. The PSC is co-chaired by H.E Tin Ponlok, Secretary General of National Council for Sustainable Development (NCSD) and Dr. Sar Chetra, Deputy Secretary General of Ministry of Agriculture, Forestry and Fisheries.

At a glance

Project title: Reduction of GHG emission through promotion of commercial biogas plants

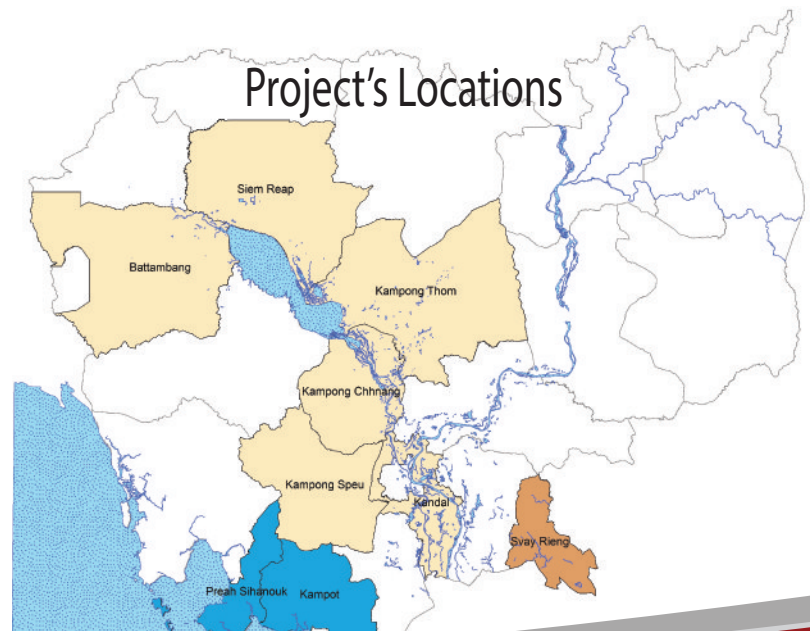
Duration: 4 years

Budget: USD 1,500,499

Donor: Global Environment Facility (GEF)

Location: Nine provinces across Cambodia

Counterpart agency and executing partners: Ministry of Environment (MoE), Ministry of Agriculture, Forestry and Fisheries (MAFF), and Foreign Trade bank (FTB)



COMFAR TRAINING

Computer Model for Feasibility Analysis and Reporting (COMFAR) software is specialized in financial analysis of investment project scenarios; and its reporting features are developed to comply with the latest International Accounting Standards (IAS) and the International Financial Reporting standards (IFRS). Through this project, UNIDO has organized a five-day training workshop for 18 trainees, of which 50% are female trainees, from banks, microfinance institutions, private sector, Electricity Authority of Cambodia, Ministry of Environment and Ministry of Agriculture, Forestry and Fisheries. The training intends to sensitize the participants with practical know-how in analyses of financial and economic consequences of investment projects especially renewable energy project through using this software.



FEASIBILITY STUDY



About 16 participating facilities including (i) 4 piggery farms with biogas systems (some incomplete), (ii) 11 piggery farms without biogas systems and (iii) 1 starch factory with biogas system have been engaged for detailed feasibility study focusing on technological and economical variable aspects of biogas technology as well as the optimal utilization options of biogas production. The study was carried out by an International Expert on Biogas Technology, Mr. Bart Frederiks with support of project team and national experts. At the end of the mission, the debriefing meeting was held in order to share preliminary findings to the project's stakeholders including officials (from the Ministry of Environment, Ministry of Agriculture, Forestry and Fisheries, Ministry of Mines and Energy), owners of piggery farms, officers of Foreign Trade Bank, other private sector (EngineTech Korea, and KOTRA), and project management team.

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Up Coming Events

Stay tune with us for next issue to get updates on:

1. Financial Instruments Development: to be completed in late April
2. The launch of Biogas Technology Information Center (BTIC): to be organized in May.
3. Second Meeting of Project Steering Committee: to be held in May



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