



## Project “Reduction of GHG Emission through Promotion of Commercial Biogas Plants”

### Minutes of Meeting

#### Final Project Steering Committee (PSC) Meeting

Samdech Hun Sen Conference Hall, Royal University of Agriculture

Phnom Penh, Kingdom of Cambodia

15 December 2022

8:30 – 10:15 hours

#### **I. Participants**

No.	Name and official title	Organization	Function
1	H.E. Tin Ponlok Secretary of State	Ministry of Environment (MoE)	Co-Chair
2	Dr. Sar Chetra Deputy Secretary General	Ministry of Agriculture, Forestry and Fisheries (MAFF)	Co-Chair
3	Mr. Mean Channarith Deputy General Manager	Foreign Trade Bank (FTB) of Cambodia	Member
4	Mr. Ork Vanda Head of SME and Consumer Banking Department	Representative from Foreign Trade Bank (FTB) of Cambodia	Member
5	Mr. Sok Narin Country Representative, UNIDO Cambodia	UNIDO	Member
6	Mr. Jossy Thomas Project Manager		Member
7	Mrs. Kong Rachana National Project Coordinator		PMU
8	Mr. Lytour Lor Director of BTIC and Dean	Faculty of Agricultural Engineering BTIC/Royal University of Agriculture	Beneficiary/Observer

**PSC Members absent:** Dr. Tan Monivann, Co-Vice Chairman of Private Sector Working Group (PSWG) on Agro & Agro-industry Sector, Dr. Hak Mao, Director of DCC, Mr. Toch Sovanna, Director, Department of New and Renewable Energy, MME.



## II. Agenda of the meeting

### 1. Opening of the meeting

- Welcome remarks by Mr. Sok Narin, UNIDO Country Representative
- Welcome remarks by Dr. Sar Chetra, PSC Co-chair Ministry of Agriculture, Forestry and Fisheries
- Opening remarks by H.E. Tin Ponlok, PSC Co-chair Ministry of Environment

### 2. Review 4<sup>th</sup> meeting minutes by Ms. Kong Rachana, National Project Coordinator

### 3. Overview of the project's achievements by Mr. Jossy Thomas, Project Manager

### 4. Discussion

### 5. Summary and Closing

The meeting started at 8:30 AM and was honourably co-chaired by H.E. Tin Ponlok, Secretary of State of Ministry of Environment (MoE), and Dr. Sar Chetra, Deputy Secretary General, Ministry of Agriculture, Forestry and Fisheries (MAFF). The meeting aimed to review the achievement of the project at the completion stage.

### 1. Opening Remarks:

**Mr. Sok Narin, UCR** welcomed the participants and thanked them all for their contribution to the project achievements.

**Dr. Sar Chetra, Deputy Secretary General and co-chair of the PSC** commented on the BTIC's sustainability, which includes the center's collaboration with the financial sectors and the General Department of Animal Health and Production, as well as its expansion of service scope from biogas to waste to energy.

**H.E. Ponlok, Secretary of State and co-chair of the PSC** informed the key progresses made by the country in terms of participating in the global climate-actions including commitment to join the Methane Pledge initiative, the launch of the Cambodia's Long-term Strategy for Carbon Neutrality by 2050, and preparatory work under Article 6 of the Paris Agreement. Furthermore, H.E. Ponlok praised the project for ensuring that the BTIC is well-equipped to be a successful center. He agreed with Dr. Chetra that the center's scope should be expanded beyond biogas technology to include other renewable energy technologies such as wind-turbine, gasifier, and solar-based water pump, as well as the energy system including optimization of RE mixture in energy generation, for which expertise is still lacking. He further encouraged stakeholder (BTIC) to look at carbon credit to make biogas project more viable. Local manufacturing of the technology, and related standards development and compliance, as well as match making between international/local service providers and suppliers and local consumers, should be explored.

2. Review 4<sup>th</sup> meeting minutes: the key notes related to BTIC's sustainability was presented.

3. Overview of the project's achievements: Mr. Jossy Thomas presented the key achievements of the project including: establishment and operationalization of BTIC, mobilize investment from agri-businesses to demonstrate commercial biogas technology with total installed capacity of 3.3 MW, exceeding the project target of 1 MW. In addition, he presented the results of terminal evaluation which shows that the project's implementation has been rated "satisfactory".



#### 4. Discussion:

**Mr. Mr. Mean Channarith, Deputy General Manager of FTB** informed the meeting that FTB has financing scheme amounting to USD 2 M to support the green technologies including biogas. The bank can also assist the developer in selling excess electricity to REEs operating in the area. He suggested going over the list of potential farms again and inviting them to apply for the loan.

**Dr. Sar Chetra** proposed to develop a policy brief that highlights key potential environmental and agricultural areas concerning biogas such as waste management using biogas technology, electricity production, methane emission reduction, and the challenges associated with selling excess electricity.

#### 5. Summary and Closing:

Mr. Jossy informed the meeting about UNIDO's global bioenergy value chain that Cambodia can be part of it. Furthermore, he thanked co-chairs for their guidance, tireless support and contributions since the project commenced. He thanked FTB for the commitment to be with the project since the beginning. Dr. Chetra suggested BTIC to take part in other similar initiatives that aim to promote green technologies including technology incubation. H.E. Ponlok congratulated the project's achievement and encouraged BTIC to further expand their scope of services. The meeting finished at 10:15 AM.

The minutes of meeting are prepared and circulated by PMU to PSC on 22 December 2022 and approved by co-chairs.



**H.E. Tin Ponlok**  
Secretary of State  
Ministry of Environment



**Dr. Sar Chetra**  
Deputy Secretary General  
Ministry of Agriculture, Forestry and Fisheries