

PROJECT INFORMATION SHEET

PIP No :

630

(To be allocated by MOP)

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Building of 1500 Rural Household Biogas**
2. PROJECT DATES:
- PROJECT START: **11/27/2018**
- ESTIMATED COMPLETION: **10/27/2026**
3. TOTAL PROJECT COST: **\$300,000**
4. RESPONSIBLE MINISTRY: **Ministry of Agriculture, Forestry and Fisheries**
- RESPONSIBLE UNIT: **General Directorate of Animal Health and Production**
- អង្គភាពទទួលខុសត្រូវ: **អគ្គនាយកដ្ឋានសុខភាពសត្វ និងផលិតកម្មសត្វ**
5. PROJECT STATUS: **Planned**

DETAILED PROJECT INFORMATION

6. TYPE OF PROJECT: **Investment project**
7. SOURCE OF PROJECT FUNDING: **Mix of RGC, Grant and Loan**
8. THE POLICY AREA OF THE PENTAGON STRATEGY PHASE I THAT THIS PROJECT FALLS UNDER:V
Side 3. Promotion of Agriculture and Rural Development
9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:

10. SUPPORT TO CAMBODIA INDUSTRIAL DEVELOPEMENT POLICY:

Does this Project support to the implementation of the Cambodia Industrial Development Policy? **No**

11. SECTOR:

Agriculture, Fisheries & Land Management: **Livestock**
excluding seasonal Crop production **Livestock**
Livestock

12. PROJECT LOCATION: (Describe the location of the project and its components.)

Kampong Chhnang, Kampong Cham, Tbong Khmum, Preah Vihear, Svay Rieng, Pursat, Prey Veng,

13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)

To improve the livelihoods and quality of life of people in Cambodia, reducing the impact of biomass resource depletion and supporting of the National Strategic Development Plan 2017-2020 and Agricultural Sector Strategic Development Plan, 2017-2020.

14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)

Disposal of domestic and industrial waste is normally carried out in the form of landfills. With in creasing population size and industrialization, the space available for landfills are descreasing. Beside, the waste materials so disposed also become a source of environmental and health hazards due to harmful gases that are released upon decomposition of organic materials in the waste. Such gases are popularly known as greenhouse gases which are responsible for the phenomenon known as globe warning. Thus, the conversion of organic solid waste (plant and animal origin) and converting it into biogas, which is used as fuel for domestic use or for generation of electrical energy, provides an eco-friendly solution to the recycling of solid waste.

15. PROJECT JUSTIFICATION: (Give reasons why this particular project is considered worthwhile.)

About 2.7 billion people in developing countries, including Cambodia, lack access to clean energy for cooking, and rely on traditional biomass fuels like firewood, agricultural residues and dried manure. This situation forces women and children to spend hours on gathering traditional fuels. Burning biomass fuels also generates in-house fumes that pose serious health risks. The use of biogas, on the hand , provides clean cooking energy, contributes to health improvement and reduces the time need for biomass collection.

16. BENIFITS: (Who will benefit, directly and indirectly, from the project?)

- **Technical staff of Animal Health and Production Office (APO) and other relevant staff of DAHP.**
- **Rural Farmers**

17. FEASIBILITY STUDY

Is a Feasibility Study for the project required? **Yes**

If YES, has it been carried out? **Not yet**

18. SOCIAL & ENVIRONMENT IMPACT: (Briefly describe the effects of the project, if any, on the people and the surrounding enviroment. Will the project assist in alleviating poverty?)

This project will be benefit for the rural household in Takeo, Kandal, Kampong Chhnang, and Pursat provinces.

19. CLIMATE CHANGE

a. Is any activity or output of the project related to Climate Change? **No**

b. How is the project relevant to Climate Change?

Please select a Climate Change related sector of the project and fill up the contribution of the climate change related expenditure compared to the total project cost.

Climate Change-Related Sector	Percentage	Climate Change Relevance
1. Renewable energy	0	No Relevance

20. DISASTER RISK REDUCTION

Is any activity or output of the project related to Disaster Risk Reduction? **No**

21. GENDER ANALYSIS: (How does the project affect the roles of the men and women in the project area? Will women be actively involved in the implementation of the project?)

At least women and children 40% relating the project.

22. CAPACITY TO IMPLEMENT: (Does the Ministry have the skills and experience required to implement the project?)

GDAH and APO have staff to do these project.

23. STATUS OF PROJECT IMPLEMENTATION: (Provide a brief update on the progress of the project to date. Discuss any major problems causing delays in project implementation.)

24. PROJECT PRIORITY: (Please indicates the priority ranking of the project decided by the ministry/agency.)

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25. DONOR INVOLVEMENT: (Provide any information on current or potential donor involvement in the project.)

- **Chinese institutions in provision of support**
- **Ministry of Agricultural Fisheries and Forestries**
- **GDAH**
- **Farmer**

PART B : PROJECT COSTS AND FUNDING SOURCES
(In US\$'000)

INVESTMENT COST	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	Recurrent Cost Est.
	Budget	Actual						
Operational Expenditure	161.8	0.0	206.5	60.0	60.0	0.0	120.0	0.0
Salaries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Materials + Admin	92.5	0.0	92.5	0.0	0.0	0.0	0.0	0.0
Other	69.3	0.0	114.0	60.0	60.0	0.0	120.0	0.0
Capital Expenditure	153.7	0.0	134.5	0.0	0.0	0.0	0.0	0.0
Construction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consultancy (i.e. TA) + Admin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment+ Furniture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Training	153.7	0.0	134.5	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL COST	315.5	0.0	341.0	60.0	60.0	0.0	120.0	0.0
FUNDING SOURCES	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	
	Budget	Actual						
Project Revenue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Government Funding	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Cash Input	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other Resources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Donor Funding	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL COMMITTED FUNDING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FUNDING REQUIRED	315.5	0.0	341.0	60.0	60.0	0.0	120.0	
(Total Cost - Funding Available)								

**Seen and Approved by
Minister**

(Signature)

Date :