

## WHOM WE SERVE

- Policy makers
- Livestock farmers
- Livestock companies and agro-processing factories
- Project developers and local engineering firms (for both setting up biogas power plants and ensuring their smooth and effective performance)
- Banks and financial institutions
- Researchers and students
- Non-Governmental or Civil Society Organizations

## PARTNERS

**Implementing Agency:** UNIDO

**Executing Agencies:** Ministry of Environment (MOE), and Ministry of Agriculture, Forestry and Fisheries (MAFF).

**Partners:** Foreign Trade Bank of Cambodia (FTB), and Royal University of Agriculture (RUA).



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## Biogas Technology & Information Center (BTIC) Cambodia



## WHO WE ARE



The Biogas Technology & Information Center (BTIC) is considered as a repository of commercial biogas technology and information center, which is capable in providing technical services including necessary training to various stakeholders such as pig farmers, project developers and investors, policy makers, financial institutions, researchers as well as local engineering companies. BTIC will contribute to harnessing the potential of biogas energy from pig farms, a currently untapped, clean, indigenous source of energy for rural electrification and also a way of mitigating greenhouse gas emissions.

The BTIC was established jointly by the **United Nations Industrial Development Organization (UNIDO)** and the **Royal University of Agriculture (RUA)**. The center is funded by the project entitled “**Reduction of GHG emission through promotion of commercial biogas plants**”, which is jointly implemented by the Ministry of Environment (MOE), the Ministry of Agriculture, Forestry and Fisheries (MAFF) and UNIDO with financial support from the Global Environment Facility (GEF).

The center was officially launched on 8<sup>th</sup> December 2016 and is hosted by the Faculty of Agricultural Engineering at the RUA in Cambodia.

## OBJECTIVES



The BTIC has the following objectives:

- To build national technical capacity;
- To disseminate knowledge on commercial biogas technology;
- To establish connection with existing biogas centers and stockholders in the region.

## VISION & MISSION

**VISION:** To become the leading center for sustainable commercial biogas in Cambodia.

**MISSION:** To provide relevant and up-to-date knowledge and information on biogas technology and related areas such as policies, customized trainings and capacity building, advisory services, research and development. The BTIC strives to reduce GHG emissions and improve agricultural waste management to protect the human health and the environment. It will closely work with local and international partners to ensure application of best-available-technologies in the country.

## KEY ACTIVITIES



**TRAINING UNIT:** Provide training and capacity building for development of commercial biogas plants; demonstrate commercial biogas systems to show-case waste management and energy generation at animal farms; conduct biogas market assessments and mappings; and support good operation and maintenance of biogas systems.

**CONSULTING UNIT:** Provide advisory services to develop bankable proposals and access financial resources; advise banks and financial institutions (FIs) to evaluate biogas projects; develop techno-socio-economic feasibility studies for biogas system development; and conduct technical assessments of existing facilities to explore the scope for performance improvement.

**RESEARCH AND DEVELOPMENT UNIT:** Conduct research and Development (R&D) related to biogas production, such as optimization, commonly faced O&M challenges and solutions for farms; gather and disseminate information and database related to established biogas systems, commercial farmers, suppliers of biogas technologies and equipment, relevant technicians, and engineering companies specialized in biogas utilization in the region.