

Biogas program for the Animal Husbandry sector credits in Vietnam: [Click here for registry link](#)

**Location:** Multiple provinces, Vietnam

**Description:** This Biogas project was implemented in 2003 by the Biogas Project Division under the Department of Livestock and Production, Ministry of Agriculture and Rural Development of Vietnam in conjunction with an international development organisation. To date the project has accumulated three prestigious awards being; the Energy Globe Award (2006), Ashden Award (2010) and the World Energy Award (2012). The project itself is catered to the Animal Husbandry Sector of Vietnam and targets rural farmers to install Bio digesters to capture and convert animal and human waste emissions into energy. The key objectives of the project are to:

- Exploit effective biogas technology
- Contribute to rural development and environmental protection
- Improve community sanitation and rural health
- Create jobs in rural areas



#### **Socio-Economic:**

Not only does the project contribute to employment in local communities, it also aids the sustainable development in the biogas technology industry of Vietnam looking to establish one to two biogas enterprises per province. This aim will create over 2,000 job opportunities along with intensive training and educational programs to support the sustainable development of the industry. The project will achieve the distribution of sustainable energy and development to more than 840,000 people in Vietnam.

Due to the efficient biogas technology and reduced time spent on collecting firewood as a fuel source many farmers have praised the additional time they have with their children and contributing to their education.

#### **Key Operations:**

They key operational factors the project focuses on are:

- Promotion and Marketing – enhance awareness and benefit of domestic biogas technology as a proper livestock waste treatment solution
- Training – provide knowledge on biogas technology and skill on biogas plant construction and management for all related project parties
- Support to construction and quality management – to provide technical support to biogas plant construction to reach the target 180,000 plants
- Bio-slurry application – to improve the process of bio slurry application
- Research and Development – to increase knowledge about domestic biogas issues to maximise effectiveness, quality and service delivery of the biogas program
- Credit, accessing facilitation to financial sources – to facilitate easier access to domestic biogas for all potential clients with emphasis on the poor, women and other disadvantaged groups
- Enterprise development – to support and enhance mason teams and to establish additional enterprises doing biogas technical services
- Monitoring and Evaluation, Institutional support – Project will carry out the Biogas User Survey and Project Evaluation every year

