

Project Description

Name	Training Course on Biogas Technology, Rural Energy and Environmental Protection for Developing Countries in 2016		
Organizer	Biogas Institute of Ministry of Agriculture (BIOMA), P.R. China		
Time	May 5 – June 15, 2016	Language	English
Invited Countries	Government officials and research technicians engaged in the research, production, marketing and management of energy, environment and agriculture.		
Number of Participants	20 in total		
Requirements for the Participants	Age	Under 50 for director general's level; under 45 for division director's level	
	Health	In good health with health certificate issued by the local public hospitals; without diseases with which entry to China is disallowed by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without metal diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant	
	Language	Capable of listening, speaking, reading and writing in English	
	others	Family members or friends are not allowed to accompany	
Host City	Chengdu	Local Temperature	Humid and temperature at 20°C-30°C
Cities to visit	Dujiangyan City , Leshan City , Meishan City, Deyang City, Zigong City of Sichuan Province	Local Temperature	Humid and temperature at 20°C-30°C
Notes	Participants should submit a country report on renewable energy and environmental protection for participants' forum during the training.		
Contact of the Organizer	Contact Person(s)	Lai Chengxi, Liu Ping, Long Yan,	
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<p>About the Organizer</p>	<p>Founded in 1979, Biogas Institute of Ministry of Agriculture (BIOMA), P.R. China is a professional institute of research, technical exploration, engineering design, and training for administrators and technicians on renewable energy technology. In 1981, upon the agreement between Chinese government and UNDP, China Chengdu Asia-Pacific Biogas Research and Training Center (BRTC) was established in BIOMA. 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. BIOMA has been engaged in the research on technical and integrated utilization of biomass, fundamental theory and applied technology of anaerobic microbiology, industrial wastewater, urban domestic sewage and anaerobic digestion for large animal breeding farms as well as the discharge standard. Additionally, renewable energy utilization in rural areas, hygienic and ecological development has been covered. In over 30 years, BIOMA has fulfilled national research projects and international cooperative projects for assistance, demonstration and professional training in foreign countries. So far, besides national key research projects, BIOMA has held 64 international training courses, sponsored by China governmental and international organizations (FAO, APEC, UN-ESCAP, SNV, GIZ) for 1,451 participants from over 120 countries in total, as well as more than 5,000 Chinese administrators and technicians in renewable energy industry from 32 provinces, municipalities and autonomous regions (including Tai Wan) in China.</p>
<p>Training Course Content</p>	<p>Lectures: Chinese Culture, Chinese language, About China, natural resources and environment in China, status quo and management policy of rural ecological environment in China, biogas technology development in China, biogas microbiology, design and construction of rural household digesters, fermentation processes of rural household digesters and new building materials, pretreatment of feedstock, fermentation processes of large and medium biogas plants, management of biogas devices and distribution of biogas, straw biogas plant, utilization and environmental effect of bio-slurry, high quality processing technology of wastes, purification and upgrading of biogas, quality supervision standard for biogas technology in China, centralized treatment process and facilities for domestic sewage, decentralized treatment and facilities for domestic sewage, design of biogas plant for the recycling utilization of poultry and livestock waste, water pollution control in the rural area of China during the process of urbanization, rural solid waste treatment during the process of urbanization in developing countries, treatment and integrated utilization of fermentation residue, biogas facility on small farms, bio-char and agricultural environment</p> <p>Experiment: cultivation of anaerobic microorganisms, dynamic fermentation for biogas production</p> <p>Visit: large and medium biogas plants, household digesters, demonstration site for recycling utilization of rural energy, rural biogas service network, new countryside, enterprises of new energy</p> <p>Forum: participants’ forum on renewable energy, discussion with relative companies</p>