

Seminar on the Improvement and Utilization of Biomass Energy for Developing Countries

Name	Seminar on the Improvement and Utilization of Biomass Energy for Developing Countries		
Organizer	Biogas Institute of Ministry of Agriculture and Rural Affairs		
Time	2024-05-23 -- 2024-06-05	Language for Learning	English
Invited Countries	Government officials, technicians, and researchers from developing countries who are engaged in renewable energy.		
Number of Participants	25		
Requirements for the Participants	Age	Under 45 for officials at or under director's level; under 50 for officials at director general'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 during the training	
	others	Family members or friends shall not follow	
Host City	Chengdu City, Sichuan Province	Local Temperature	20°C-30°C
Cities to visit	Dujiangyan City, Zigong City, Sichuan Province; Chongqing City	Local Temperature	Dujiangyan City 20 °C -30 °C , Zigong City 0°C-30°C, Chongqing City 20°C-30°C
Notes	<p>1. Visa: Please confirm that the visa validity period covers from five days before the program starts to five days after the program ends.</p> <p>2. Daily life preparation:</p> <p>(1) Prepare light footwear to facilitate outside visits; formal dress or national dress is required for important activities of the training course.</p> <p>(2) You can carry a small amount of commonly used drugs according to your own situation. It is strictly prohibited to bring prohibited and exceeding the limit of drugs into the country.</p> <p>(3) If you have any needs regarding religious belief, please communicate with the organizer.</p> <p>3. Luggage:</p> <p>(1) Please pay attention to the standard of luggage allowed on flights. The responsibility for excess baggage fees and missed flights caused by baggage disputes shall be borne by the individual.</p> <p>(2) Please confirm whether you need to check your luggage again during the transfer.</p> <p>(3) If the baggage is lost, please register with the airline. When filling in the registration form, please call the contact person of the undertaker to confirm the address of the baggage delivery.</p> <p>4. Missed flights and pick up at the airport:</p> <p>(1) If you cannot leave for China on time or if the flight is delayed during the transfer, please contact the project contact person to update your latest flight status,</p>		

	<p>(2) When the flight has landed and the luggage has been claimed, please wait at the international or domestic arrival exit. BIOMA staff will pick you up at the airport. If anything unusual happens, you can call the project contact person.</p> <p>5. Ticket change: If the ticket is changed without consent or cancelled or changed due to personal reasons, the expenses and liabilities incurred shall be borne by the individual.</p> <p>6. Please contact the program contact person (mobile phone number 0086-18113017201) via WhatsApp before coming to China.</p>	
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About the Organizer	<p>Founded in 1979, Chengdu Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA) is mainly responsible for the basic and applied research, frontier technology research, major key generic technology research, other public welfare research and the technical extension and trainings in biogas and other rural renewable energy, rural environmental treatment and the cross field of agro-ecological restoration. BIOMA has been committed to actively promoting knowledge dissemination and technology transfer in related fields through trainings, demonstration projects and cooperative research. In 1981, upon the agreement between Chinese government and UNDP, the Asia-pacific Biogas Research and Training Center (BRTC) in Chengdu of China was established at BIOMA. In 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. In 2021, BIOMA was titled as one of the first “China-Africa Joint Centers for Modern Agrotechnology Exchange, Demonstration & Training” by the Ministry of Foreign Affairs and the Ministry of Agriculture and Rural Affairs.</p> <p>Since its establishment in 1979, BIOMA has held more than 170 international trainings sponsored by the Chinese government and international organizations for more than 5,400 international participants from over 130 countries. At the same time, entrusted by the Chinese government and international organizations, experts from BIOMA have conducted overseas training and demonstration projects in developing countries, actively participated in the introduction and export of agricultural technologies and products, and established long-term cooperative relations with scientific research institutions in Europe, America and other developed areas.</p>	

<p>Seminar Content</p>	<p>Biomass energy in developing countries will be discussed with the officials participating in the seminar through such forms as lectures, symposiums, field visits, and cultural tours.</p> <p>1. Introduction to main training courses and contents</p> <p>(1) Overview of China's national conditions: Introduction of China's society, culture and folk customs, as well as the concept of a community with a shared future for mankind advocated by China and the practical measures of the Belt and Road Initiative.</p> <p>(2) Development status of biomass energy in China: The background, development status and trend of biomass energy are introduced.</p> <p>(3) Food crop fuel ethanol: introduces the raw materials of fuel ethanol, the production and application technology of food fuel ethanol.</p> <p>(4) Non-food crop fuel ethanol: The concept, process flow, engineering strain breeding and research progress of preparing biofuel ethanol from agricultural waste such as straw are introduced.</p> <p>(5) Biomass thermochemical conversion and molding: Introduces the theory, technology and application of biomass thermochemical conversion and molding.</p> <p>(6) Biodiesel: Introduces the development history and relevant standards of biodiesel, how to produce biodiesel from biomass, and how to use waste water to cultivate microalgae to produce biodiesel.</p> <p>(7) Energy crop resources: energy crop classification, conversion and utilization technologies and utilization methods of energy plants are introduced.</p> <p>(8) Straw biogas plants: Introduces the fermentation process of biogas plants with straw as feedstock, analyzes the related difficulties and typical cases.</p> <p>2. Field visits and cultural tours</p> <p>Participants will pay field visits to the super-large bio-natural gas plant, a biotechnology company, a biogas power generation plant, etc. They will also visit the Chengdu Research Base of Giant Panda Breeding and the Dujiangyan Water Conservancy Project in Sichuan province to experience the world natural cultural heritage and China's achievements in reform and opening up.</p> <p>3. Discussion and communication</p> <p>The seminar will organize symposiums on biomass energy and exchange meeting on seminar summary.</p>
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