

# Training Course on Biogas Technology in the Treatment and Utilization of Agricultural Waste for Developing Countries

## Project Description

Full Name	Training Course on Biogas Technology in the Treatment and Utilization of Agricultural Waste for Developing Countries		
Organizer	Biogas Institute of Ministry of Agriculture and Rural Affairs(BIOMA), P.R. China		
Holding Time	August 23-October 11, 2019	Language	English
Invited Participants	Government officials and technicians engaged in the research, production, promotion and management of energies, environment, and agriculture from developing countries.		
Planned Number of Participants	25		
About the Participants	Age	Under 45 years old.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	English listening, speaking, reading and writing ability can meet the requirements of lectures and seminar discussions.	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Chengdu City, Sichuan Province	Local Temperature	Autumn : 15°C-25°C
Cities to visit	Dujiangyan City, Deyang City, Meishan City, Leshan City, Zigong City, Sichuan Province	Local Temperature	Dujiangyan City: 15°C-25°C Deyang City: 15°C-25°C Meishan City: 15°C-25°C Leshan City: 15°C-25°C Zigong City: 15°C-25°C
Notes	<ol style="list-style-type: none"> <li>1. Please prepare a valid passport and visa in advance.</li> <li>2. Country report will be organized during the training course on biogas technology in the treatment and utilization of agricultural waste, related materials should be prepared in advance.</li> <li>3. For exceptional circumstances, if the flight cannot depart on time or it has been delayed during transfer, please get in touch with the pick-up contact of your latest flight status beforehand, so as to arrange airport pick-ups.</li> <li>4. In principle, participants are not allowed to change the flight by themselves. If needed, please contact the Economic and Commercial Counselor's Office in your home country. Participants will be responsible for the expenses and liabilities caused by the change of flight without permission.</li> <li>5. If there is any transfer during the trip, please confirm whether the baggage is required to be picked up and rechecked in, and find a pickup sign held by a staff of training organizer. If you cannot find the staff within 15 minutes, please telephone the contact persons shown below.</li> <li>6. Please check all your belongings before leaving the airport. If you miss any luggage and need to register with the airline, please call the contact first to confirm the delivery address.</li> </ol>		

	<p>7. Please keep a close watch on the weather of the host cities and bring the clothes that suit the weather; prepare comfortable shoes for field visits; formal clothes or national costumes are required for important events during training course.</p> <p>8. Please bring along some common medicines with you in case you might need it.</p> <p>9. Before coming to China, please download WeChat international edition and register your account for easy contact with training staff.</p>	
Contact of the Organizer	Project or Pick-up Contact	Mr. LAI Chengxi/Mr. LUO Ximin
	Office Phone	0086-28-85230677,0086-28-85222658
	Cell Phone	0086-13308229597(LAI) 0086-13880648415(LUO)
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	WeChat	19474494
About the Organizer	<p>Founded in 1979, Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China is mainly responsible for the basic and applied research, frontier technology research, major key generic technology research, other public welfare research and the corresponding technical promotion and training in biogas and other rural renewable energy, rural energy and 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 training, 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 April 2010, BIOMA was approved to set the “Professional identification station for special types of work in agricultural industry”. In 2012, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology Base in Sichuan Province”. In 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. In 2016, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology of Ministry of Science and Technology”.</p> <p>Since its establishment, BIOMA has held 105 international training courses sponsored by the Chinese government and international organizations for more than 3000 international participants from over 120 countries engaged in technical research, management and promotion and the training types covered multilateral, bilateral, overseas trainings, technical training courses, seminars for officials and ministerial seminars. Training subjects covered agriculture, environmental science, sanitation, energy and so on. At the same time, entrusted by the Chinese government and international organizations, experts from BIOMA have conducted more than 10 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>	

Seminar Course Content	<p>This training course will discuss about biogas technology, rural energies and environmental protection in China with officials from all over the world through lectures, field teaching, symposiums, study tours and cultural experiences. The contents of lectures include “Basic National Conditions of China, Overview of the Belt and Road Initiative, Status Quo and Brief Introduction of the China’s Biogas Technology in the Treatment and Utilization of Agricultural Waste, Waste to Resource, Biogas Microbiology, Design and Construction of Small Agricultural Waste Treatment Project, Fermentation Process and New Materials of Small Agricultural Waste Treatment Project , Fermentation Process of Large Biogas Project for Agricultural Waste Treatment , Pretreatment of Feedstock in the Large Biogas Project for Agricultural Waste Treatment, Process Design of the Large Biogas Project for Agricultural Waste Treatment, Construction of Large Biogas Project for Agricultural Waste Treatment, Cases Study of Biogas Project for Centralized Village Supply, Project Management and Biogas Distribution of Biogas Project for Centralized Village Supply, Straw Biogas Plants, Process and Equipment for Centralized Sewage Treatment, Biogas Plants for Small Farms, Biogas Technology and Quality Supervision Standards in China, Dry Fermentation Technology for Biogas, Overview of the Fermentation Residue and its Comprehensive Utilization of, Utilization and Environmental Effect of Bio-slurry, Research Status Quo and Development Prospect of the Technology and Equipment of Straw Briquet Fuel, Key Technology of Straw Briquet and Cases Study of Scaled Application, Sanitary Evaluation and Surveillance of Feces Treated with Harmless Sanitary Latrines, Sanitary Requirements of Rural Household Biogas in Epidemic Areas of Schistosomiasis (Feces Management)” and so on. Visiting to extra-large biogas plants, rural household digesters, demonstration site for recycling utilization of rural energy, rural biogas service network, new countryside, enterprises of new energies and the on-site practice of building an eight cubic meter rural household digester are also included. Professors and experts from BIOMA, Chengdu University of Technology and Sichuan Center for Disease Control and Prevention will give lectures for this training course.</p> <p>This training course will be helpful for participants to get a comprehensive understanding of the technology and development of biogas in the treatment and utilization of agricultural waste in China, understand and exchange the status quo and demand for agricultural waste treatment in developing countries, share China’s technical experience of biogas technology treatment and utilization of agricultural waste and refer to China’s solution for the treatment and utilization of agricultural waste in developing countries.</p>
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## Seminar on Biogas for Government Officials from Developing Countries Project Description

Name	Seminar on Biogas for Government Officials from Developing Countries		
Organizer	Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China		
Holding Time	September 3-September 23, 2019	Language	English
Invited Participants	Government officials, technicians and researchers engaged in energy, biogas technology and management from developing countries.		
Planned Number of Participants	25		
About the Participants	Age	Under 50 for participants at director general’s level; Under 45 for participants at or under director’s level.	

	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	English listening, speaking, reading and writing ability can meet the requirements of lectures and seminar discussions.	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Chengdu City, Sichuan Province	Local Temperature	Autumn, 19°C-27°C
Cities to visit	Deyang City, Sichuan Province; Chongqing City; Fengdu County, Chongqing City; Qingdao City, Penglai City, Shandong Province.	Local Temperature	Deyang City, Sichuan Province: 20°C-27°C Chongqing City: 22°C-28°C Fengdu County, Chongqing City: 20°C-29°C Qingdao City, Shandong Province: 20°C-27°C Penglai City, Shandong Province: 19°C-26°C
Notes	<ol style="list-style-type: none"> <li>1. Please prepare a valid passport and visa in advance.</li> <li>2. For exceptional circumstances, if the flight cannot depart on time or it has been delayed during transfer, please get in touch with the pick-up contact of your latest flight status beforehand, so as to arrange airport pick-ups.</li> <li>3. In principle, participants are not allowed to change the flight by themselves. If needed, please contact the Economic and Commercial Counselor's Office in your home country. Participants will be responsible for the expenses and liabilities caused by the change of flight without permission.</li> <li>4. If there is any transfer during the trip, please confirm whether the baggage is required to be picked up and rechecked in. and find a pickup sign held by a staff of training organizer. If you cannot find the staff within 15 minutes, please telephone the contact persons shown below.</li> <li>5. If you miss any luggage and need to register with the airline, please call the contact first to confirm the delivery address.</li> <li>6. Please keep a close watch on the weather of the host cities and bring the clothes that suit the weather; prepare comfortable shoes for field visits; formal clothes or national costumes are required for important events during training course.</li> <li>7. Please bring along some common medicines with you in case you might need it.</li> <li>8. Before coming to China, please download WeChat international edition and register your account for easy contact with training staff.</li> </ol>		
Contact of the Organizer	Project or Pick-up Contact	Mr. LAI Chengxi/Mr. LUO Ximin	
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	E-mail	biomatc@163.com	

	WeChat	19474494
About the Organizer	<p>Founded in 1979, Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China is mainly responsible for the basic and applied research, frontier technology research, major key generic technology research, other public welfare research and the corresponding technical promotion and training in biogas and other rural renewable energy, rural energy and 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 training, 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 April 2010, BIOMA was approved to set the “Professional identification station for special types of work in agricultural industry”. In 2012, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology Base in Sichuan Province”. In 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. In 2016, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology of Ministry of Science and Technology”.</p> <p>Since its establishment, BIOMA has held 105 international training courses sponsored by the Chinese government and international organizations for more than 3000 international participants from over 120 countries engaged in technical research, management and promotion and the training types covered multilateral, bilateral, overseas trainings, technical training courses, seminars for officials and ministerial seminars. Training subjects covered agriculture, environmental science, sanitation, energy and so on. At the same time, entrusted by the Chinese government and international organizations, experts from BIOMA have conducted more than 10 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>	
Seminar Course Content	<p>This seminar will discuss the promotion of Chinese biogas with officials from all over the world through special lectures, field visits, symposiums and cultural experiences. The contents of special lectures include “Basic National Conditions of China, Overview of the Belt and Road Initiative, Development Idea of Biogas Industrialization, Microbial Fermentation, Fermentation Process of Biogas Plants, Biogas Plants Engineering Design, Purification and Storage Technology of Over-sized Biogas Plants and Typical Cases, Straw Biogas Plants, Post Treatment and Utilization of Fermentation Residue and Slurry, Safety Management of Biogas Plants, Large-scale Bio-energy Plants, Biogas Development through Exchanges and Cooperation” presented by experts and professors from BIOMA. In addition, participants can also visit Qingdao city to attend “International Biogas Development and Cooperation Forum” and discuss with the experts attending the conference. This seminar also conducts field visits to small biogas plants, large-scale bio-energy plants, pilot biogas plants, environmental protection technology companies; the visits to historical and cultural heritage in Sichuan Province, Chongqing city and Qingdao city are also included so as to experience local cultural customs.</p> <p>Through this seminar, the participants can get a comprehensive understanding of the development of biogas industry in China, notice that large-scale biogas plants, especially the biogas produced by bio-natural gas can be used for power generation. It can also be applied into natural gas pipeline network, vehicle gas, industrial and commercial use after purification. In addition, this seminar will provide reference for the promotion of biogas back in the participants’ home countries and facilitate exchanges and cooperation with developing countries in biogas field.</p>	

## **Seminar on the Improvement and Utilization of Biomass Energies for Developing Countries Project Description**

Name	Seminar on the Improvement and Utilization of Biomass Energies for Developing Countries		
Organizer	Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China		
Holding Time	August 20-September 9, 2019	Language	English
Invited Participants	Government officials and research technicians engaged in the research, production, promotion and management of the improvement and utilization of biomass energies.		
Planned Number of Participants	25		
About the Participants	Age	Under 50 for participants at director general's level; Under 45 for participants at or under director's level.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	English listening, speaking, reading and writing ability can meet the requirements of lectures and seminar discussions.	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Chengdu City, Sichuan Province	Local Temperature	Summer, 24°C-34°C
Cities to visit	Zigong City, Sichuan Province; Zhengzhou City, Henan Province; Beijing City	Local Temperature	Zigong City: 24°C-35°C Zhengzhou City: 24°C-35°C Beijing City: 24°C-35°C
Notes	<ol style="list-style-type: none"> <li>1. Please prepare a valid passport and visa in advance.</li> <li>2. For exceptional circumstances, if the flight cannot depart on time or it has been delayed during transfer, please get in touch with the pick-up contact of your latest flight status beforehand, so as to arrange airport pick-ups.</li> <li>3. In principle, participants are not allowed to change the flight by themselves. If needed, please contact the Economic and Commercial Counselor's Office in your home country. Participants will be responsible for the expenses and liabilities caused by the change of flight without permission.</li> <li>4. If there is any transfer during the trip, please confirm whether the baggage is required to be picked up and rechecked in. and find a pickup sign held by a staff of training organizer. If you cannot find the staff within 15 minutes, please telephone the contact persons shown below.</li> <li>5. If you miss any luggage and need to register with the airline, please call the contact first to confirm the delivery address.</li> <li>6. Please keep a close watch on the weather of the host cities and bring the clothes that suit the weather; prepare comfortable shoes for field visits; formal clothes or national costumes are required for important events during training course.</li> <li>7. Please bring along some common medicines with you in case you might need it.</li> <li>8. Before coming to China, please download WeChat international edition and register your account for easy contact with training staff.</li> </ol>		

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	Fax	0086-28-85230677
	E-mail	biomac@163.com
	WeChat	19474494
About the Organizer	<p>Founded in 1979, Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China is mainly responsible for the basic and applied research, frontier technology research, major key generic technology research, other public welfare research and the corresponding technical promotion and training in biogas and other rural renewable energy, rural energy and 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 training, 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 April 2010, BIOMA was approved to set the “Professional identification station for special types of work in agricultural industry”. In 2012, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology Base in Sichuan Province”. In 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. In 2016, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology of Ministry of Science and Technology”.</p> <p>Since its establishment, BIOMA has held 105 international training courses sponsored by the Chinese government and international organizations for more than 3000 international participants from over 120 countries engaged in technical research, management and promotion and the training types covered multilateral, bilateral, overseas trainings, technical training courses, seminars for officials and ministerial seminars. Training subjects covered agriculture, environmental science, sanitation, energy and so on. At the same time, entrusted by the Chinese government and international organizations, experts from BIOMA have conducted more than 10 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>	
Seminar Course Content	<p>This seminar will discuss the Improvement and Utilization of Biomass Energies in China with officials from all over the world through special lectures, field visits, symposiums and cultural experiences. The contents of special lectures include “Basic National Conditions of China, Overview of the Belt and Road Initiative, Status quo of China’s biomass energies development, Grain fuel ethanol, Non-grain fuel ethanol, Bio-degradation of agricultural waste, Biogas power generation from biomass, Bio-diesel, Energy crops resources, Status quo and prospect of the research in the technology and equipment of biomass briquette, Key technologies on biomass briquette and their large-scale application cases, Brief Introduction to Chinese Agriculture, China's international cooperation in agriculture” presented by experts and professors from BIOMA, Chinese Academy of Agricultural Sciences and Henan Agricultural University. This seminar also conducts field visits to rural energy recycling demonstration sites, rural biogas service stations, new rural construction, demonstrations zones of recycling biomass energies, demonstration projects of key technologies on biomass briquette, the visits to historical and cultural heritage in Sichuan, Henan and Beijing are also included so as to experience local cultural customs.</p> <p>Through this seminar, the participants can get a comprehensive understanding of the improvement and utilization of biomass energy technology in China, and learn the advanced biomass energy improvement technology in China, promote the development of local biomass</p>	

	energy, and accumulate network resources for agricultural science and technology to go out. At the same time, we will share China's biomass energy utilization experiences, provide Chinese solutions on global biomass energy utilization, and serve China's One Belt And One Road Initiative in agricultural science and technology cooperation.
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## Seminar on Ecological Governance and Ecotourism Development for BRI Countries Project Description

Name	Seminar on Ecological Governance and Ecotourism Development for BRI Countries		
Organizer	Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China		
Holding Time	October 10-October 30, 2019	Language	English
Invited Participants	Government officials and technicians engaged in ecological governance and ecotourism development from Belt and Road countries.		
Planned Number of Participants	25		
About the Participants	Age	Under 50 for participants at director general's level; Under 45 for participants at or under director's level.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	English listening, speaking, reading and writing ability can meet the requirements of lectures and seminar discussions.	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Chengdu City, Sichuan Province	Local Temperature	Autumn, 15°C-22°C
Cities to visit	Jinghong City, Xishuangbanna Dai Autonomous Prefecture, Yunnan Province; Beijing City	Local Temperature	Jinghong City, Xishuangbanna Dai Autonomous Prefecture, Yunnan Province: 19°C-30°C Beijing City: 9°C-19°C
Notes	<ol style="list-style-type: none"> <li>1. Please prepare a valid passport and visa in advance.</li> <li>2. For exceptional circumstances, if the flight cannot depart on time or it has been delayed during transfer, please get in touch with the pick-up contact of your latest flight status beforehand, so as to arrange airport pick-ups.</li> <li>3. In principle, participants are not allowed to change the flight by themselves. If needed, please contact the Economic and Commercial Counselor's Office in your home country.</li> </ol>		

	<p>Participants will be responsible for the expenses and liabilities caused by the change of flight without permission.</p> <p>4. If there is any transfer during the trip, please confirm whether the baggage is required to be picked up and rechecked in. and find a pickup sign held by a staff of training organizer. If you cannot find the staff within 15 minutes, please telephone the contact persons shown below.</p> <p>5. If you miss any luggage and need to register with the airline, please call the contact first to confirm the delivery address.</p> <p>6. Please keep a close watch on the weather of the host cities and bring the clothes that suit the weather; prepare comfortable shoes for field visits; formal clothes or national costumes are required for important events during training course.</p> <p>7. Please bring along some common medicines with you in case you might need it.</p> <p>8. Before coming to China, please download WeChat international edition and register your account for easy contact with training staff.</p>	
Contact of the Organizer	Project or Pick-up Contact	Mr. LAI Chengxi/Mr. LUO Ximin
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About the Organizer	<p>Founded in 1979, Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China is mainly responsible for the basic and applied research, frontier technology research, major key generic technology research, other public welfare research and the corresponding technical promotion and training in biogas and other rural renewable energy, rural energy and 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 training, 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 April 2010, BIOMA was approved to set the “Professional identification station for special types of work in agricultural industry”. In 2012, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology Base in Sichuan Province”. In 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. In 2016, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology of Ministry of Science and Technology”.</p> <p>Since its establishment, BIOMA has held 105 international training courses sponsored by the Chinese government and international organizations for more than 3000 international participants from over 120 countries engaged in technical research, management and promotion and the training types covered multilateral, bilateral, overseas trainings, technical training courses, seminars for officials and ministerial seminars. Training subjects covered agriculture, environmental science, sanitation, energy and so on. At the same time, entrusted by the Chinese government and international organizations, experts from BIOMA have conducted more than 10 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>	

Seminar Course Content	<p>This training course will discuss China's ecological governance and ecotourism development with officials from all over the world through special lectures, field visits, symposiums and cultural experiences. The contents of classroom lectures include “Basic National Conditions of China, Overview of the Belt and Road Initiative, Regional Tourism Promotes Green Development &amp; Cultural and Tourism Integration for an Innovative Future, The Insistence of Green Development in Sichuan Province’s Ecological Leisure Agriculture Practice, Status quo of Rural Tourism in China and the Integrated Development of Agriculture and Tourism Contribute to Targeted Poverty Alleviation, Planning and Practice Cases of Rural Tourism in China, China's Ecotourism Development and Case Sharing, Brief Introduction of China’s Leisure Agriculture Development &amp; Experience Exchange of Mechanism of Enriching People and Increasing Income, General Situation and Operation Mode of Home Stay Industry in China, Discussion on Standardization and Non-standardization of Chinese Tourism Accommodation Industry, Management of Agricultural Ecosystem, Restoration of Agricultural Ecosystems, Rural Tourism in Tropical Rainforest of Yunnan Province, Current Situation and Development Trend of Ecological Environment in China”. Professors and experts from BIOMA, Sichuan Tourism University and Department of Agriculture and Rural Affairs of Yunnan Province and Chinese Academy of Agricultural Sciences will give lectures for this seminar. This seminar also conducts field visits to ecotourism attractions, ecotourism demonstration zone, ecological management areas; the visits to historical and cultural heritage in Sichuan Province, Yunnan Province and Beijing City are also included so as to experience local cultural customs.</p> <p>This seminar will be of great importance for participants to get a comprehensive understanding of China’s ecological governance and ecological tourism combination, realize the important role of ecological environment protection in the development of ecotourism. While developing ecotourism vigorously, we must enable the ecological environment protection keep pace with the development of ecotourism and create an industry model for ecotourism, only in this way can the healthy and sustainable development of "ecotourism" be promoted. In addition, this seminar can provide reference for the development of ecological management and ecotourism for participants’ home countries, promote the exchange and cooperation with "One Belt And One Road" countries in the field of ecological governance and ecotourism.</p>
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## **Seminar on the Promotion of Feed Formula for BRI Countries Project Description**

Name	Seminar on the Promotion of Feed Formula for BRI Countries		
Organizer	Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China		
Holding Time	August 28-September 17, 2019	Language	English
Invited Participants	Government officials, technicians and researchers engaged in the research, production, promotion and management of animal feed from belt and road countries.		
Planned Number of Participants	25		
About the Participants	Age	Under 50 for participants at director general’s level; Under 45 for participants at or under director’s level.	

	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	English listening, speaking, reading and writing ability can meet the requirements of lectures and seminar discussions.	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Chengdu City, Sichuan Province	Local Temperature	Autumn, 19°C-27°C
Cities to visit	Mianyang City, Sichuan Province; Yangzhou City, Jiangsu Province; Beijing City	Local Temperature	Mianyang City, Sichuan province: 18°C-27°C ; Yangzhou City, Jiangsu Province: 21°C-28°C ; Beijing City: 17°C-27°C
Notes	<ol style="list-style-type: none"> <li>1. Please prepare a valid passport and visa in advance.</li> <li>2. For exceptional circumstances, if the flight cannot depart on time or it has been delayed during transfer, please get in touch with the pick-up contact of your latest flight status beforehand, so as to arrange airport pick-ups.</li> <li>3. In principle, participants are not allowed to change the flight by themselves. If needed, please contact the Economic and Commercial Counselor's Office in your home country. Participants will be responsible for the expenses and liabilities caused by the change of flight without permission.</li> <li>4. If there is any transfer during the trip, please confirm whether the baggage is required to be picked up and rechecked in and find a pickup sign held by a staff of training organizer. If you cannot find the staff within 15 minutes, please telephone the contact persons shown below.</li> <li>5. If you miss any luggage and need to register with the airline, please call the contact first to confirm the delivery address.</li> <li>6. Please keep a close watch on the weather of the host cities and bring the clothes that suit the weather; prepare comfortable shoes for field visits; formal clothes or national costumes are required for important events during training course.</li> <li>7. Please bring along some common medicines with you in case you might need it.</li> <li>8. Before coming to China, please download WeChat international edition and register your account for easy contact with training staff.</li> </ol>		
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	Fax	0086-28-85230677	
	E-mail	biomac@163.com	
	WeChat	19474494	
About the Organizer	Founded in 1979, Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China is mainly responsible for the basic and applied research, frontier technology		

	<p>research, major key generic technology research, other public welfare research and the corresponding technical promotion and training in biogas and other rural renewable energy, rural energy and 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 training, 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 April 2010, BIOMA was approved to set the “Professional identification station for special types of work in agricultural industry”. In 2012, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology Base in Sichuan Province”. In 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. In 2016, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology of Ministry of Science and Technology”.</p> <p>Since its establishment, BIOMA has held 105 international training courses sponsored by the Chinese government and international organizations for more than 3000 international participants from over 120 countries engaged in technical research, management and promotion and the training types covered multilateral, bilateral, overseas trainings, technical training courses, seminars for officials and ministerial seminars. Training subjects covered agriculture, environmental science, sanitation, energy and so on. At the same time, entrusted by the Chinese government and international organizations, experts from BIOMA have conducted more than 10 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>
Seminar Course Content	<p>This seminar will focus on China’s feed formula design and technologies with officials from all over the world through lectures, field visits, symposiums and cultural experiences. The contents of lectures include “Basic National Conditions of China, Overview of the Belt and Road Initiative, Classification and Application Value of Feed, Methods and Practice of Feed Analysis, Technology and Cases Study of Feed Formulation, Preparation of Silage, Processing Technology to Improve Nutritional Value of Roughage, The Status quo, Harm Prevention and Control Technology of Mycotoxin in Feed, Ruminant Feed Formulation and Scientific Breeding Technology, Key Technology of Animal Feed Preparation, Brief Introduction of Chinese Feed and China's International Cooperation in Agriculture” presented by experts and professors from BIOMA, Chinese Academy of Agricultural Sciences(CAAS), Sichuan Agricultural University, Southwest University for Nationalities. This seminar also conducts field visits to biotechnology companies, feed companies, livestock and poultry companies and Poultry Institute-CAAS. In addition, visits to historical and cultural heritage in Sichuan Province, Jiangsu Province and Beijing City are also included for the experience of local cultural customs.</p> <p>This training course will be helpful for participants to get a comprehensive understanding of China’s feed industry, master the key technology of feed formula and the raising industry standards of all kinds of livestock and poultry and understand the use of the best combination of different feed materials to meet the nutritional needs of animals. It will also provide reference for the promotion of new feeds and promote the exchange and cooperation with "One Belt And One Road" countries in the field of feed formula.</p>

## Training Course on the Application Technology of New Fertilizers for Developing Countries Project Description

Full Name	Training Course on the Application Technology of New Fertilizers for Developing Countries		
Organizer	Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China		
Holding Time	August 13-September 2, 2019	Language	English
Invited Participants	Government officials, technicians and researchers engaged in the application technology and management of new fertilizer for developing countries.		
Planned Number of Participants	25		
About the Participants	Age	Under 45 years old.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	English listening, speaking, reading and writing ability can meet the requirements of lectures and seminar discussions.	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Chengdu City, Sichuan Province	Local Temperature	Summer : 24°C-34°C
Cities to visit	Dujiangyan City, Qionglai City, Shifang City, Sichuan Province	Local Temperature	Dujiangyan City, Sichuan Province: 23°C-31°C Qionglai City, Sichuan Province: 23°C-32°C Shifang City, Sichuan Province: 24°C-33°C
Notes	<ol style="list-style-type: none"> <li>1. Please prepare a valid passport and visa in advance.</li> <li>2. For exceptional circumstances, if the flight cannot depart on time or it has been delayed during transfer, please get in touch with the pick-up contact of your latest flight status beforehand, so as to arrange airport pick-ups.</li> <li>3. In principle, participants are not allowed to change the flight by themselves. If needed, please contact the Economic and Commercial Counselor's Office in your home country. Participants will be responsible for the expenses and liabilities caused by the change of flight without permission.</li> <li>4. If there is any transfer during the trip, please confirm whether the baggage is required to be picked up and rechecked in. Please wait patiently at the international (domestic) arrival exit after you claim your luggage and find a pickup sign held by a staff of training organizer. If you cannot find the staff within 15 minutes, please telephone the contact persons shown below.</li> <li>5. If you miss any luggage and need to register with the airline, please call the contact first to confirm the delivery address.</li> <li>6. Please keep a close watch on the weather of the host cities and bring the clothes that suit the weather; prepare comfortable shoes for field visits; formal clothes or national costumes are required for important events during training course.</li> <li>7. Please bring along some common medicines with you in case you might need it.</li> <li>8. Before coming to China, please download WeChat international edition and register your account for easy contact with training staff.</li> </ol>		
Contact of the Organizer	Project or Pick-up Contact	Mr. LAI Chengxi/Mr. LUO Ximin	
	Office Phone	0086-28-85230677, 0086-28-85222658	

	Cell Phone	0086-13308229597(LAI) 0086-13880648415(LUO)
	Fax	0086-28-85230677
	E-mail	biomac@163.com
	WeChat	19474494
About the Organizer	<p>Founded in 1979, Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China is mainly responsible for the basic and applied research, frontier technology research, major key generic technology research, other public welfare research and the corresponding technical promotion and training in biogas and other rural renewable energy, rural energy and 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 training, 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 April 2010, BIOMA was approved to set the “Professional identification station for special types of work in agricultural industry”. In 2012, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology Base in Sichuan Province”. In 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. In 2016, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology of Ministry of Science and Technology”.</p> <p>Since its establishment, BIOMA has held 105 international training courses sponsored by the Chinese government and international organizations for more than 3000 international participants from over 120 countries engaged in technical research, management and promotion and the training types covered multilateral, bilateral, overseas trainings, technical training courses, seminars for officials and ministerial seminars. Training subjects covered agriculture, environmental science, sanitation, energy and so on. At the same time, entrusted by the Chinese government and international organizations, experts from BIOMA have conducted more than 10 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>	
Seminar Course Content	<p>This training course will discuss China’s application technology of new fertilizer with officials from all over the world through classroom lectures, field visits, professional practice, and cultural experiences. The contents of classroom lectures include “Basic National Conditions of China, Overview of the Belt and Road Initiative, Status quo and Development Trend of China’s New Fertilizer, Microbial Fertilizer, Organic Fertilizer, the Utilization of Digestate Fertilizer, Scientific Principle of Fertilization, Bio-organic Fertilizer and Pest Control, Bio-fertilizer, Soil Testing and Formulated Fertilization, Plant Nutrition Diagnosis and Fertilization, Technology on Slow Release Fertilizers and so on. Professors and experts from BIOMA, Sichuan University and Sichuan Agricultural University will give lectures for this training course. Professional practice includes organic fertilizer fermentation experiment, field visits to agricultural S&amp;T development companies and biotechnology companies. Visits to historical and cultural heritage in Sichuan Province are also included so as to experience local cultural customs.</p> <p>This training course will be helpful for participants to get a comprehensive understanding of the status quo and development of China’s new fertilizer application technology, understand and actively develop new fertilizer for the effective improvement of crop quality and ecological environment, enhance the market competitiveness of agricultural products, increase farmers' incomes and achieve sustainable agricultural development. In addition, exchanges and cooperation between China and developing countries will be promoted by sharing China’s new fertilizer technology.</p>	

# Training Course on Rural Wastewater Treatment Technology for Developing Countries

## Project Description

Full Name	Training Course on Rural Wastewater Treatment Technology for Developing Countries		
Organizer	Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China		
Holding Time	August 30-September 26, 2019	Language	English
Invited Participants	Government officials, technicians and researchers engaged in rural wastewater treatment technology and management from developing countries.		
Planned Number of Participants	25		
About the Participants	Age	Under 45 years old.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	English listening, speaking, reading and writing ability can meet the requirements of lectures and seminar discussions.	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Chengdu City, Sichuan Province	Local Temperature	Autumn : 15°C-25°C
Cities to visit	Dujiangyan City, Leshan City, Meishan City, Sichuan Province	Local Temperature	Dujiangyan City, Sichuan Province: 15°C-25°C Leshan City, Sichuan Province: 15°C-25°C Meishan City, Sichuan Province: 15°C-25°C
Notes	<ol style="list-style-type: none"> <li>1. Please prepare a valid passport and visa in advance.</li> <li>2. For exceptional circumstances, if the flight cannot depart on time or it has been delayed during transfer, please get in touch with the pick-up contact of your latest flight status beforehand, so as to arrange airport pick-ups.</li> <li>3. In principle, participants are not allowed to change the flight by themselves. If needed, please contact the Economic and Commercial Counselor's Office in your home country. Participants will be responsible for the expenses and liabilities caused by the change of flight without permission.</li> <li>4. If there is any transfer during the trip, please confirm whether the baggage is required to be picked up and rechecked in. and find a pickup sign held by a staff of training organizer. If you cannot find the staff within 15 minutes, please telephone the contact persons shown below.</li> <li>5. If you miss any luggage and need to register with the airline, please call the contact first to confirm the delivery address.</li> <li>6. Please keep a close watch on the weather of the host cities and bring the clothes that suit the weather; prepare comfortable shoes for field visits; formal clothes or national costumes are required for important events during training course.</li> </ol>		

	<p>7. Please bring along some common medicines with you in case you might need it.</p> <p>8. Before coming to China, please download WeChat international edition and register your account for easy contact with training staff.</p>	
Contact of the Organizer	Project or Pick-up Contact	Mr. LAI Chengxi/Mr. LUO Ximin
	Office Phone	0086-28-85230677,0086-28-85222658
	Cell Phone	0086-13308229597(LAI) 0086-13880648415(LUO)
	Fax	0086-28-85230677
	E-mail	biomac@163.com
	WeChat	19474494
About the Organizer	<p>Founded in 1979, Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), P.R. China is mainly responsible for the basic and applied research, frontier technology research, major key generic technology research, other public welfare research and the corresponding technical promotion and training in biogas and other rural renewable energy, rural energy and 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 training, 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 April 2010, BIOMA was approved to set the “Professional identification station for special types of work in agricultural industry”. In 2012, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology Base in Sichuan Province”. In 2014, FAO designated BIOMA as “FAO Reference Center for Biogas Research and Training”. In 2016, BIOMA became the “International Science and Technology Cooperation Base for Biogas Technology of Ministry of Science and Technology”.</p> <p>Since its establishment, BIOMA has held 105 international training courses sponsored by the Chinese government and international organizations for more than 3000 international participants from over 120 countries engaged in technical research, management and promotion and the training types covered multilateral, bilateral, overseas trainings, technical training courses, seminars for officials and ministerial seminars. Training subjects covered agriculture, environmental science, sanitation, energy and so on. At the same time, entrusted by the Chinese government and international organizations, experts from BIOMA have conducted more than 10 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>	
Seminar Course Content	<p>This training course will discuss about rural wastewater treatment technology in China with officials from all over the world through lectures, practical courses, field visits, symposiums, and cultural experiences. The contents of lectures include “ Basic National Conditions of China, Overview of the Belt and Road Initiative, Status quo and brief introduction of China’s domestic sewage treatment technology, Policies on China’s domestic sewage treatment, Standards on China’s domestic sewage treatment, Biogas microbiology, Treatment process of domestic sewage, Rural domestic sewage treatment technology, Energy recycling from domestic sewage, Rural domestic sewage treatment facility” and so on. Professors and experts from BIOMA, Chengdu University of Technology will give lectures for this training course. In addition to the on-site practice of building small facility for rural domestic sewage treatment, visiting septic tanks for rural domestic sewage treatment, participants’ forum and study tours to enterprises, visits to historical and cultural heritage in Sichuan Province are also included so as to experience local cultural customs.</p>	

	<p>This training course will be helpful for participants to get a comprehensive understanding of the technology and development of rural wastewater treatment in China, understand and communicate the status quo and needs of rural wastewater treatment in developing countries, share China's technical experience on rural wastewater treatment and refer to China's solution in rural wastewater treatment for developing countries.</p>
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