

Biomass Utilization Technology バイオマス利用技術		Continuing	
Target Countries : Biomass Utilization Technology			
Course No. : 201984922-J002			
No. : 201984922			
Sector : Natural Resources and Energy/Renewable Energy			
Sub-Sector :			
Language : English			
Outline			
This program aims to enhance the capacity in formulating effective and efficient utilization plan of biomass resources through lecture and practice on biomass resources/technology/system and site visits to have an actual look at biomass utilization in Japan. Training contents is practical utilizing advanced experiences of biomass utilization in Chugoku region (where Hiroshima Univ. is located).			
Objective/Outcome		Target Organization / Group	
【Objective】 Participants will acquire necessary methodology to formulate effective and efficient utilization plan of biomass resources through grasping quantity of reserves and availability of biomass resources. 1. To understand various biomass resources 2. To understand a various biomass utilization technology 3. To carry out the design of biomass system 【Outcome】 【Objective for each unit】 (1) Before the training: Formulation and submission of Job / Country Report (2) Training in Japan: Expected Output 1. Participants will be able to explain types and composition/classification/characteristics/collection of available biomass resources. Expected Output 2. Participants will be able to explain utilization technology of various biomass resources. Expected Output 3. Participants will be able to implement formulating biomass utilization system. Expected Output 4. Participants will implement formulating biomass utilization system which will be used for implementing in home country. (3) After the training: To make an effort to realize the formulated biomass utilization system in home country, and drawing up a progress report		【Target Organization】 Administrative organization in charge of planning/promoting/implementing utilization of biomass and/or public researching institutes 【Target Group】 【Target Group】 1. Administrative officials engaged in planning/promoting/implementing of biomass utilization 2. Administrativ researchers involved in biomass utilization 【Experience】 More than 3 years' experience in the field of biomass utilization	
Contents		Course Period	2020/1~2020/2
1. Preparation and submission of Job/Country Report 2. Participants will learn types of biomass resources and understand composition/classification/characteristics/collection of available biomass resources. 3. Participants will learn and understand principal, characteristics, efficiency and technology of each energy conversion; physical, thermochemical, and biochemical conversion. 4. Participants will learn and understand how to formulate and evaluate system design utilizing biomass resources by conducting system design based on mass balance and energy balance. 5. Participants will implement formulating biomass utilization system which will be used for implementing in home country. 6. Participants will make an effort to realize the formulated biomass utilization system in home country, and submitted a progress report.		Department in Charge	Industrial Development and Public Policy Department
		JICA Center	JICA Chugoku
		Cooperation Period	2018~2020
Implementing Partner	Hiroshima University		
Remarks and Website			