

Geothermal Resource Engineers 地熱資源エンジニア		Continuing Innovative and Quality	
Target Countries : Countries with geothermal resources		18 participants	
Course No. : J1704175		No. : 1784851	
Sector : Natural Resources and Energy/Renewable Energy			
Sub-Sector :			
Language : English			
Outline			
<p>After fifteen years of break period of the training course since 2001, the course has been revised and restarted in 2016 by accommodating requests from developing countries having geothermal resources. Human resources development is essential to improve the reliability of exploration and analysis for national geothermal development. In order to achieve the goal, this program focuses on practical training. Trainees will attend classes for three months, then conduct research on issues from their home countries for three months and present their findings.</p> <p>JICA will provide training for personnel to acquire knowledge and technique in geothermal energy development to improve human resources in the area of geothermal development.</p>			
Objective/Outcome		Target Organization / Group	
<p>【Objective】 This program will train engineers to lead national geothermal resources development.</p> <p>【Outcome】 (1) To acquire theory and practical method of geothermal development through lectures and project study. (2) To understand the current situations of geothermal development of participants' countries and Japan.</p>		<p>【Target Organization】 Governmental organization in charge of geothermal development</p> <p>【Target Group】 (1) Over 3 years' experience in this field. (2) University graduates or equivalent level, preferably with a background of engineering or science. (3) Under 40 years old (4) Fluent in English, both in writing and speaking. (5) Must be in good health, both physically and mentally, to participate in the program for prolonged stay.</p>	
Contents			
<p>【Preliminary phase in home country】 (1) Preparation of the country report about geothermal development (2) Consideration of research theme</p> <p>【Core phase in Japan】 (1) Lecture on theory and analytical method of geology, geochemistry, geophysics and reservoir engineering, etc. (2) Lecture on project evaluation, social acceptance, outsourcing of research, etc. (3) Site visits on manufacturer of turbine and geothermal site in Japan (4) Country report presentation (5) Research on issues from home countries (6) Poster presentation as an achievement of project study (7) Action plan making and presentation</p> <p>【Finalization Phase in home country】 Practice of the action plan (JICA will provide technical advise)</p>		Course Period	2017/06/11~2017/12/16
		Department in Charge	Industrial Development and Public Policy Department
		JICA Center	JICA Kyushu
		Cooperation Period	2016~2018
Implementing Partner	Kyushu University		
Remarks and Website	High achievers will be assisted master degree program and doctor degree program.		