

Promotion of Hydropower Development 水力開発の促進		Updated								
Target Countries : Countries which aim hydro-power development(not including small hydro)										
Course No. : 201984592-J002										
No. : 201984592										
Sector : Natural Resources and Energy/Energy Supply										
Sub-Sector :										
Language : English										
Outline										
This program is prepared in order that participants could obtain basic knowledge on hydropower development cultivated by Japan for steady implementation of hydropower development.										
Objective/Outcome		Target Organization / Group								
【Objective】 1. Based on the knowledge acquired by the participants, they prepare an action plan for solving the issues their countries have struggled with related to hydropower development, and discuss about their plan after returning home countries. 2. Participants can create and explain a feasible action plan reflecting the content of the program and considering the perspective of human resources, funds, technical capabilities, etc. 3. Policies and plans that contribute to the promotion of hydropower development based on the above mentioned action plan will be reviewed in developing countries. 【Outcome】 1. To recognize the issues related to hydropower development in the home country / organization. 2. To understand about hydropower development procedures, and consider these applicability to the home country. 3. To understand differences of required hydropower development technology (planning, design, financial analysis, O&M, etc.) between the home country and Japan. 4. Based on the knowledge acquired by the participants, they prepare an action plan which will be shared in the relevant organization for contributing to hydropower development.		【Target Organization】 The government agencies or electric power utilities which are responsible for hydropower development 【Target Group】 1. Be responsible for hydropower development and those currently posted to the managerial position in the government agencies or electric power utilities. 2. Have a minimum of 5 years practical experience in the field of hydropower development. 3. Be a graduate of university. Preferable to mechanical, electrical and civil engineering majors.								
Contents										
1. Preparation of Job and Country reports by the end of preparatory phase 2. Presentation of Job Report 3. Outline of Electric Power Industry in Japan 4. Execution procedure of hydropower development in Japan 5. Environmental impact assessment of hydropower projects 6. Paris Agreement, Japan's initiatives of Bilateral Credit Scheme (JCM) and climate change measures 7. Development of hydropower projects with ODA 8. Current situation and issues of hydropower projects by IPP 9. Planning, design and construction of hydro-PP 10. Optimum Operation Planning for Dam Control 11. Economic evaluation, dam cost allocation and redevelopment of hydro-PP 12. Operation and maintenance of hydroelectric power plant 13. Tours of hydro-PP etc. 14. Examples of solution to a problem & lessons learned of the past of hydro-PP in Japan 15. Drawing up an action plan 16. Discussion about an action plan between participants and experts 17. Action plan presentation		<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Course Period</td> <td>2019/10/27~2019/11/23</td> </tr> <tr> <td style="text-align: center;">Department in Charge</td> <td>Industrial Development and Public Policy Department</td> </tr> <tr> <td style="text-align: center;">JICA Center</td> <td>JICA Tokyo (Industry&Public)</td> </tr> <tr> <td style="text-align: center;">Cooperation Period</td> <td>2019~2021</td> </tr> </table>	Course Period	2019/10/27~2019/11/23	Department in Charge	Industrial Development and Public Policy Department	JICA Center	JICA Tokyo (Industry&Public)	Cooperation Period	2019~2021
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Implementing Partner	Under Planning									
Remarks and Website										