

**Target Countries :** Potential and incentive in energy efficiency and conservation are observed

**Course No. :** (A) J1704135/(B) J1704131

**No. :** (A) 1784595/(B) 1784596

**Sector :** Natural Resources and Energy/Energy Conservation

**Sub-Sector :** Private Sector Development/Industrial Technology

**Language :** (A) Spanish/(B) English

**Outline**

This is a comprehensive and practical training program focused on energy efficiency and conservation (EE&C) policies and fundamental technologies in commercial and residential sector, which includes a series of lectures and field trips on relevant technologies such as air conditioning, lighting and smart grid. The expected candidates are technical officials or engineers involved in EE&C in the above sector.

Objective/Outcome	Target Organization / Group	
<p><b>【Objective】</b> Action plan of policies and activities on EE&amp;C in commercial and residential sector is proposed.</p> <p><b>【Outcome】</b></p> <ol style="list-style-type: none"> <li>To understand EE&amp;C policies, especially those in commercial and residential sector, in Japan, to utilize the knowledge for proposing policies and activities on EE&amp;C in commercial and residential sector in the trainees' own countries.</li> <li>To acquire EE&amp;C technologies for buildings and houses, to consider applicable technologies for their own countries.</li> <li>To propose action plan for promoting EE&amp;C in commercial and residential sector, utilizing the knowledge acquired from the training.</li> <li>To consider the action plan in respective organizations after returning home.</li> </ol>	<p><b>【Target Organization】</b> Governmental/non-governmental/public organization engaged in policy or promotion of EE&amp;C in commercial and residential sector</p> <p><b>【Target Group】</b> Technical officials or engineers in charge of EE&amp;C in the target organization, who has at least 5 years' experience</p>	
<p><b>Contents</b></p> <ol style="list-style-type: none"> <li>[LECTURE]global environment and EE&amp;C, system and history of promotion of EE&amp;C, laws and policies of EE&amp;C (especially in commercial and residential sector) in Japan, EE&amp;C in small and middle enterprises, basic strategy of EE&amp;C policy planning, etc [FIELD TRIP]Eco-museum, Eco-town</li> <li>[LECTURE]basics of EE&amp;C technologies (heat, fluid machinery, Air conditioning, Lighting, etc.) [FIELD TRIP]models of EE&amp;C in buildings and supermarkets, Visualized management of energy, Eco-house, ESCO, [PRACTICE]Energy Auditing in building</li> <li>Discussion and preparation of action plan</li> <li>Submission of report to the trainees' organizations</li> </ol>	<p><b>Course Period</b></p>	<p>(A) 2017/08/20~2017/10/07 (B) 2018/01/21~2018/03/10</p>
	<p><b>Department in Charge</b></p>	<p>Industrial Development and Public Policy Department</p>
	<p><b>JICA Center</b></p>	<p>(A) JICA Kyushu/(B) JICA Kyushu</p>
	<p><b>Cooperation Period</b></p>	<p>2015~2017</p>
<p><b>Implementing Partner</b></p>	<p>(A) Kitakyushu Int'l Techno-cooperative Association/(B) Kitakyushu Int'l Techno-cooperative Association</p>	
<p><b>Remarks and Website</b></p>		