

**Target Countries :**All countries

**Course No. :** (A) 201984603-J002/(B) 201984872-J002

**No. :** (A) 201984603/(B) 201984872

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

**Sub-Sector :**

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

**Outline**

This training course places an emphasis on Photovoltaic (PV) to learn renewable energy. Since PV generation system/technology is relatively simple to handle, PV is widely prevailing. On the other hand, problems related to inadequate installment, maintenance and management are increasing. This program aims at learning necessary technologies, policies to adequately introduce, promote, maintain and manage PV generation.

Objective/Outcome	Target Organization / Group	
<p><b>【Objective】</b> Participants will be able to understand the theory and practice of photovoltaic generation and apply them to operations for the introduction, promotion, maintenance and management of PV generation systems.</p> <p><b>【Outcome】</b> 1. To be able to explain basics of PV generation technology 2. To be able to explain grid system technology 3. To be able to explain policy and operation of renewable energy, especially photovoltaic generation 4. To be able to make action plan and improve skills of policy planning</p>	<p><b>【Target Organization】</b> Central/Local governmental organization of energy development, Electric power generation public corporation.</p> <p><b>【Target Group】</b> Person in charge of PV generation projects  Person in charge of policies for renewable energy and have more than 2 years of experiences. Intend to work in the same organization continuously after finishing the training.</p>	
<p><b>Contents</b></p> <p>1. Demand and issues related to renewable energy, assessment strategy of related equipment (lifecycle cost, assessment, etc)</p> <p>2. On-grid theory, case study and practical training (practices for power system, outlines and practices of grid-interconnection code, new electric power network, smart community concept, etc.)</p> <p>3. Method of development (cost down, policy making, introduction for usage, example of off-grid), economic efficiency of project, system for introduction of renewable energy and relationship between government and local municipality</p> <p>4. Guidance for making action plan, presentation</p>	<p><b>Course Period</b></p>	<p>(A) 2019/6/16~7/27 (B) 2020/3~4</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>2019~2021</p>

**Implementing Partner** (A) Under Planning/(B) Under Planning

**Remarks and Website**