

Target Countries :Countries which have expressway(s) under planning, construction and/or operating

Course No. : 201984557-J002

No. : 201984557

Sector :Transportation/National Transportation

Sub-Sector :

Language :English

Outline

To improve the network of distribution, expressway management has been implemented in the developing countries with remarkable economic development and JICA also has been supporting their development. In this field, appropriate planning, construction and effective management, maintenance are required. This Knowledge Co-Creation Program on comprehensive expressway engineering is based on Japan's experience for more than 50 years in Japan.

Objective/Outcome	Target Organization / Group
<p>【Objective】 To identify the issues for expressway planning, construction, management and operation/maintenance, to solve the issues and to develop the action plan through the acquisition of knowledge and technique.</p> <p>【Outcome】 1. To identify the status and issues regarding planning, construction, management and operation / maintenance of expressway(s) in respective country. 2. To consider the applicable knowledge and technique through understanding Japanese expressway (toll road) system, expressway development plan, construction technology, and management, operation / maintenance strategy. 3. To propose the solutions and action plan of expressway planning, construction, management, and operation / maintenance.</p>	<p>【Target Organization】 1) Government department in charge of expressway 2) Expressway company or concessionaires</p> <p>【Target Group】 1. Engineer or Administrator in charge of planning, O/M of the expressway. 2. In the relevant field, over 5years of working experience and over 2years of career in the same organizations planned after this Program. 3. University graduate or equivalent in civil, mechanical, or electrical engineering</p>

Contents	Course Period	2019/12~2019/12
<p>【Preliminary Phase】 Preparation of Country Reports about the status, issues and plans of expressway in respective countries.</p> <p>【Core Phase in Japan】 Lectures, site visits, workshops and discussions as following: <ul style="list-style-type: none"> • Japanese Road administration (road planning, expressway system, PPP system, etc.) • Expressway development plan in Japan (comprehensive plan, implementation structure, history etc.) • Expressway construction technology • Expressway management (toll collection system, traffic management system, traffic congestion countermeasures, etc.) • Expressway maintenance (maintenance, inspection, risk management, disaster countermeasures etc.) • Technical services (surface inspection vehicles, regulation material etc.) in Expressways • Action plan preparation / presentation and discussion to implement for solving the issues including expressway planning, operation, management and maintenance. </p> <p>※In this program, we introduce "Active Learning" approach to promote knowledge co-creation among participants.</p>	<p>Department in Charge</p>	<p>Infrastructure and Peacebuilding Department</p>
	<p>JICA Center</p>	<p>JICA Tokyo (Economy&Env.)</p>
	<p>Cooperation Period</p>	<p>2018~2020</p>

<p>Implementing Partner</p>	<p>Joint Venture of Katahira&Engineering International and Infrastructure Development Institute-Japan</p>
<p>Remarks and Website</p>	