Digital Terrestrial TV Broadcasting (DTTB) Policy and Engineering 地上デジタルTV放送政策・技術	Continuing

Target Countries : Countries which adopted or planning to adopt ISDB-T	
Course No. : 201984581-J002	
No. : 201984581	
Sector : Information and Communication Technology(Utilization of ICT)/Broadcasting	
Sub-Sector :	
Language : English	

Outline

This program aims to provide useful knowledge techniques and hints for effective digitalization of TV broadcasting by learning digital broadcasting technology and theories. It also shows examples of actions and solutions taken in Japan to enable smooth switchover.

Objective/Outcome	Target Organization / Group
【Objective】 To understand the advantages of digital broadcasting system, promoting the systematical and logical digitalization process of the broadcasting in the respective participants' organizations. 【Outcome】 1. To be able to explain the outline of digital broadcasting technology. 2. To be able to explain the advantages of digital broadcasting system and make use of the knowledge for the planning and implementation of digitalization. 3. To share findings and plans useful for promoting the digitalization of TV broadcasting at participants' organizations, based on the knowledge and techniques learned through this program.	【Target Organization】 TV broadcasting organizations and related governmental organizations. 【Target Group】 1.(Either of the followings) Officials in charge of the planning of the Digital Terrestrial TV Broadcasting, (Acting) Team Leaders of TV broadcasting organization or Government-related organization in charge of Digital Terrestrial TV Broadcasting policy, or Engineers with practical experience in TV transmission. 2. Technical background 3. College/university graduates, or equivalent and others.

Contents		
<Preliminary Phase> Formulation and submission of Inception Report. <Core Phase in Japan> Lectures, Practices, Observation/ Study Tour and Presentation to be planned as below. 1.Fundamentals of Digital Theory, Digital Broadcast Services, Basic Technical Knowledge, Digital Transmitter, Practice of Transmission and Reception, MPEG Multiplexing, Broadcasting System (Analog/ Digital Simulcasting), Trend of Digital Broadcast, Challenges for Introducing DTTB (Case Study of Channel Planning and Network Design), Process of Analog Switch Off, Disaster Newscasts, Emergency Warning Broadcast System (EWBS), etc. 2.Presentation of Action Plan for the participants' organization. ※In this program, we introduce "Active Learning" approach to promote knowledge co-creation among participants.	**Course Period**	2019/6～2019/7
	Department in Charge	Infrastructure and Peacebuilding Department
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2018～2020

Implementing Partner	NHK Communications Training Institute
Remarks and Website	