

Digital Terrestrial TV Broadcasting (DTTB) Policy and Engineering 地上デジタルTV放送政策・技術		New
Target Countries : Countries which adopted or planning to adopt ISDB-T		
Course No. : J1804261		No. : 1884581
Sector : Information and Communication Technology/Broadcasting		
Sub-Sector :		
Language : English		
Outline		
This program aims to provide hints and useful techniques 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 participants' organizations.		【Target Organization】 TV broadcasting organizations and related governmental 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 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 in technical and fundamental knowledge of electronic engineering/digital engineering theory 4. Basic PC skills 5. Under 40 years of age 6. English Proficiency 7. Be in good health physically and mentally
Contents		2018/6～2018/7
<Preliminary Phase> Formulation and submission of Inception Report.		Course Period
<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.		Department in Charge
		Infrastructure and Peacebuilding Department
		JICA Center
		JICA Tokyo (Economy&Env.)
		Cooperation Period
		2018～2020
Implementing Partner	Under Planning	
Remarks and Website		