

# 8. Information and Communication Technology

Target Countries: <input type="text"/>		12 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector :		
Language : English		
Appeal		
1) After learning knowledge of each subject, a workshop for developing Web application is offered at the end of this course to obtain practical skills. 2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered, incorporating role-play activities into lectures. 3) Implementation of training participants' Action Plan is supported by experts through a variety of communication tools.		
Objective / Output	Target Organization / Group	
<b>【Objectives】</b> Issues in designing and developing a Web application system by using Open Source Software technology are directed to be solved for promoting computerization of organizations. <b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To practice human skills for team-working in ICT projects. (3) To analyze business process and design a Web application system, using Unified Model Language (UML). (4) To construct a Web application system on Open Source Software platform. (5) To formulate an Action Plan to solve issues in business process of a project for developing a Web application system on Open Source Software platform.	<b>【Target Organizations】</b> Ministries and/or agencies in the central government and/or local government authorities <b>【Target Group】</b> - Officers in charge of Web application development with open source software. - Have 2 years work experiences of application development. - University graduates or equivalent. - Have basic knowledge of Linux.	
Contents	Program Period	2011 / 8/30 ~ 2012 / 2/21
<Preparatory phase (Before coming to Japan)> Preliminary Study Sheet is made, which is required to describe missions, a job description, and issues and tentative solutions for the organization. <Program in Japan> Followings are subjects provided for each output mentioned above: (1) Introduction to E-Government, Enterprise Architecture (EA), Business Process Reengineering (BPR) (2) Leadership training, Negotiation, Presentation for dissemination (3) Structured Analysis and Design, Object Oriented Analysis and Design, Website Interface Design (4) Linux Basics and System Construction, PHP Programming and Database Application Development, MySQL Construction and Operation, Software Testing (5) Workshop, Action Plan <Post-program activities (After participants' return)> Participants are expected to implement the plan proposed in the Action plan and submit progress report at 3 months later and final report at 6 months later.	Implementing Partner	Under Planning
	JICA Center	JICA Okinawa
	Cooperation Period	2011~2013
	Remarks and Website	Participants make an Action Plan to solve problems on their organizations utilizing knowledge and skills form this course.

Target Countries:		12 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector :		
Language : English		
Appeal		
<p>1) After learning knowledge of each subject, a workshop for formulating a security policy is offered at the end of this course to obtain practical skills.                  2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered, incorporating role-play activities into lectures.                  3) Implementation of training participants' Action Plan is supported by experts through a variety of communication tools.</p>		
Objective / Output	Target Organization / Group	
<p><b>【Objectives】</b>                  Issues in those matters in organizations, mentioned below, are directed to be solved.                  - To formulate computerization strategies in a viewpoint of information security,                  - To formulate security policies along with the strategies, or                  - To ensure that security policies are observed</p> <p><b>【Outputs】</b>                  (1) To explain collective knowledge on e-Government promotion.                  (2) To practice human skills for team-working in ICT projects.                  (3) To construct and operate a security system on a computer network.                  (4) To explain a framework of information security.                  (5) To formulate an Action Plan to solve issues in developing and operating information security management systems.</p>	<p><b>【Target Organizations】</b>                  Ministries and/or agencies in the central government and/or local government authorities</p> <p><b>【Target Group】</b>                  - Officers in charge of security management in an organization.                  - Have 3 to 5 years work experiences as an application or network specialist.                  - University graduates or equivalent.</p>	
Contents	Program Period	2011 / 9/13 ~ 2012 / 1/28
<p>&lt;Preparatory phase (Before coming to Japan)&gt;                  Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization.                  &lt;Program in Japan&gt;                  Followings are subjects provided for each output mentioned above:                  (1) Introduction to E-Government, Enterprise Architecture (EA), Open Source Software, Security Basic                  (2) Leadership training, Negotiation, Proposal Documentation, Presentation for dissemination                  (3) Linux, Network basics, Construction of Internet Servers, Network Security, Firewall Construction, Measures against Illegal Access                  (4) Security Policies, ISMS, Information Security Audit, Risk Analysis on Information Security                  (5) Workshop, Action Plan                  &lt;Post-program activities (After participants' return)&gt;                  Participants are expected to implement the plan proposed in the Action plan and submit progress report at 3 months later and final report at 6 months later.</p>	Implementing Partner	Under Planning
	JICA Center	JICA Okinawa
	Cooperation Period	2011~2013
	Remarks and Website	Participants make an Action Plan for solution creation considering issues of their organizations and gained knowledge and skills from this course.

Target Countries: <input type="text"/>		12 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector : Health/Other Health Issues		
Language : English		
<b>Appeal</b>		
<p>1) At the end of the course, Workshop for planning IEC program in health sector(HIV/AIDS prevention etc) utilizing Web materials is offered, so as to practice knowledge and skills obtained through lectures.</p> <p>2) Modules for human skills such as dissemination are offered, incorporating role-play activities into lectures.</p> <p>3) After this course, in order to realize participants' Action Plan, support staff will offer follow-up activities for six months, through a variety of communication tools.</p>		
<b>Objective / Output</b>	<b>Target Organization / Group</b>	
<p><b>【Objectives】</b> Training participants, who work for public health and other health services to people in rural areas, will be able to plan and realize media strategies for sharing of knowledge among people in rural, and mobilization of them effectively and efficiently.</p> <p><b>【Outputs】</b> (1) To explain theories and concepts for planning and designing educational programs and materials (2) To use human skills in education, dissemination and/or enlightenment (3) To explain basic knowledge and use basic skills for producing materials. (4) To explain awareness and findings from case studies of IEC activities in health sector in Japan and developing countries (5) To make an Action Plan for training of acquired knowledge and skills through comprehensive planning of an educational program for health sector</p>	<p><b>【Target Organizations】</b> Ministry or agency of health and/or a health department in local governments <b>【Target Group】</b> - Officers in Ministry or agency of health and/or a health department in local governments - Having 3 to 7 years of experience in IEC activities related to healthcare or in the planning, production and utilization of audiovisual media - Age: From 25 years old to 40 years old - University graduates or equivalent</p>	
<b>Contents</b>	<b>Program Period</b>	2012 / 3 / 6 ~ 2012 / 6 / 16
<p>&lt;Activities in Preliminary Phase in home country&gt; Identification of issues on dissemination at own organization &lt;Activities in Finalization Phase in home country&gt; Followings are subjects provided for each output mentioned above: (1) Instructional Design/Instructional System Design, Motivation and Behavior Change, Introduction of Video Media and Multimedia, Media Literacy, Media for Public Relations and Enlightenment (2) Communication, Facilitation, Presentation (3) Digital Video Shooting and Editing, Digital Photo Shooting, Production of Printed Materials, Web Contents Production on ISD Model (4) Case Studies on IEC activities of health enlightenment (HIV/Aids Project, Public Health, etc) (5) Validation methodology, Final workshop, Action Plan &lt;Activities in Finalization Phase in home country&gt; Within 6 months of the end of the course in Japan, participants are expected to implement the plan proposed in the Action plan and report the progress as a final report.</p>	<b>Implementing Partner</b>	Under Planning
	<b>JICA Center</b>	JICA Okinawa
	<b>Cooperation Period</b>	2011~2013
	<b>Remarks and Website</b>	Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.

Target Countries: <input type="text"/>		12 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector :		
Language : English		
Appeal		
<p>1) After obtaining knowledge of each subject, a workshop for formulating a system management policy is offered in the end to obtain practical skills.                  2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered, incorporating role-play activities into lectures.                  3) Implementation of training participants' Action Plan is supported by experts through a variety of communication tools.</p>		
Objective / Output	Target Organization / Group	
<p><b>【Objectives】</b>                  Issues in system management in participants' organizations are directed to be solved.</p> <p><b>【Outputs】</b>                  (1) To explain collective knowledge on e-Government promotion.                  (2) To practice human skills for team-working in ICT projects.                  (3) To conduct system management.                  (4) To formulate an Action Plan to solve issues in system management.                  (5) The Action Plan formulated through this course is shared in the participant's organization.</p>	<p>&lt;Target Organization&gt;                  Ministries and/or agencies in the central government and/or municipalities                  &lt;Target Group&gt;                  - Officers in charge of system administration or system audit                  - Have 3 to 5 years work experiences of application development, system administration or system audit                  - University graduates or equivalent</p>	
Contents	Program Period	2012 / 3 / 6 ~ 2012 / 6 / 30
<p>&lt;Preparatory phase (Before coming to Japan)&gt;                  Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization.                  &lt;Program in Japan&gt;                  Followings are subjects provided for each output mentioned above:                  (1) Introduction to E-Government, Enterprise Architecture (EA), Open Source Software, Security Basics, Project Management Basics                  (2) Leadership training, Negotiation, Proposal Writing, Presentation for dissemination                  (3) System Management Basics, Linux Basics and System Construction, System Management Design, System Management Policy, Management System Construction                  (4) Workshop, Action Plan                  &lt;Post-program activities (After participants' return)&gt;                  (5) Participants are expected to implement the plan proposed in the Action plan and submit progress report at 3 months later and final report at 6 months later.</p>	Implementing Partner	Under Planning
	JICA Center	JICA Okinawa
	Cooperation Period	2011~2013
	Remarks and Website	Participants make an Action Plan to solve problems on their organizations utilizing knowledge and skills from this course.

Target Countries: <input type="text"/>		12 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector : Governance/Administrative Institutions		
Language : English		
<b>Appeal</b>		
1) A 3-year-package composing of computerization strategy, project management and application development courses is offered, targeting the same organization for three years. 2) This training can be utilized as a small project or for a component of programs or projects which need empowerment of the ICT field, because it can empower each level of staff members systematically in each year.		
<b>Objective / Output</b>	<b>Target Organization / Group</b>	
<p><b>【Objectives】</b> The framework is formed in the target organizations, which is to facilitate making computerization strategies and promoting ICT projects in accordance with these strategies.</p> <p><b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To practice human skills for team-working in ICT projects. (3) To plan coordinated business architecture and data architecture from the viewpoint of total optimization. (4) make a computerization strategy. (5) The Action Plan formulated through this course is shared in the target organization.</p>	<p><b>【Target Organizations】</b> Ministries or agencies in a central government or local government authorities *those organizations which can send participants to this course every year.</p> <p><b>【Target Group】</b> - Officers who lead computerization of their organization. - Have 5 to 7 years work experiences as an IT architect, system analyst, system manager in an ICT division or project manager, or one to two years work experience as a CIO. - University graduates or equivalent.</p>	
<b>Contents</b>	<b>Program Period</b>	2011 / 9 / 6 ~ 2011 / 12 / 20
<p>&lt;Preparatory phase (Before coming to Japan)&gt; Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization. &lt;Program in Japan&gt; Followings are subjects provided for each output mentioned above: (1) Introduction to E-Government, Enterprise Architecture (EA), Business Process Reengineering (BPR) (2) Leadership training, Negotiation, Presentation for dissemination (3) Making Business Architecture, Making IT Architecture, IT Governance, Consulting Methodology Basic (4) Workshop, Action Plan &lt;Post-program activities (After participants' return)&gt; Participants are expected to implement the plan proposed in the Action plan and submit progress report at 3 months later and final report at 6 months later.</p>	<b>Implementing Partner</b>	Under Planning
	<b>JICA Center</b>	JICA Okinawa
	<b>Cooperation Period</b>	2011~2013
	<b>Remarks and Website</b>	In the second year, the course contents will be changed for project management, while in the third year, for application development.

Target Countries:		12 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector :		
Language : English		
Appeal		
<p>1) After obtaining knowledge of each subject, a workshop is offered at the end of this course to obtain practical network skills.                  2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered, incorporating role-play activities into lectures. 3) Implementation of training participants' Action Plan is supported by experts through a variety of communication tools.</p>		
Objective / Output	Target Organization / Group	
<p><b>【Objectives】</b>                  Issues in developing, operating and managing network systems in organizations will be directed to be solved.</p> <p><b>【Outputs】</b>                  (1) To explain collective knowledge on e-Government promotion.                  (2) To practice human skills for team-working in ICT projects.                  (3) To design, develop and manage network systems.                  (4) To formulate an Action Plan to solve issues in designing, developing and managing network systems.                  (5) The Action Plan formulated through this course is shared in the participant's organization.</p>	<p><b>【Target Organizations】</b>                  Ministries and/or agencies in a central government and/or local government authorities</p> <p><b>【Target Group】</b>                  - Officers in charge of network management                  - Have 3 to 5 years work experiences as an application or network specialist.                  - University graduates or equivalent.</p>	
Contents	Program Period	2012 / 3 / 20 ~ 2012 / 7 / 28
<p>&lt;Preparatory phase (Before coming to Japan)&gt;                  Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization.                  &lt;Program in Japan&gt;                  Followings are subjects provided for each output mentioned above:                  (1) Introduction to E-Government, Enterprise Architecture (EA), Open Source Software, Security Basics, Project Management Basics                  (2) Leadership training, Negotiation, Proposal Writing, Presentation for dissemination                  (3) Network Basics, WAN Design, LAN Design, Network Security, Network Management, LAN Troubleshooting                  (4) Workshop, Action Plan                  &lt;Post-program activities (After participants' return)&gt;                  (5) Participants are expected to implement the plan proposed in the Action plan and submit progress report at 3 months later and final report at 6 months later.</p>	Implementing Partner	Under Planning
	JICA Center	JICA Okinawa
	Cooperation Period	2011~2013
	Remarks and Website	Participants make an Action Plan for solution creation considering issues of their organizations and gained knowledge and skills from this course.

Target Countries: <input type="text"/>		8 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector :		
Language : English		
<b>Appeal</b>		
The course targets IT engineering lecturers and focuses on practical skills mainly in lecture/practice/observation. To acquire IT technologies have cross-sectoral availability in healthcare, education, agriculture and all. Sapporo city has a history to promote "Sapporo Valley" and to lead IT field with academic-industrial alliance from 1970's. Individual problem analysis/consultation is highly evaluated by participants.		
<b>Objective / Output</b>	<b>Target Organization / Group</b>	
<Course Objective> The latest IT technologies and knowledge to apply to problem solutions in participants' countries are shared by students and engineers  <Objective for each unit> 1)To learn versatile IT technologies and to acquire practical knowledge and skills to apply to participants' countries 2)To understand the use of IT human resource, the policies on human resource development and the relevant programs or activities in private sectors 3)To understand the concept, training and activities on IT human resource development in educational institutions 4)To understand the learner-centered curriculums and pedagogies and to implement the role playing practice 5)To analyze the problems in participants' organization and to prepare Action Plan to implement lectures/seminars/work-shop after returning	<Target Organization>Governmental sectors and educational institutes as universities/polytechnics in charge of IT engineers development <Expected Job Title>IT engineering lecturer or trainer in governmental institution or educational institution as university, college and polytechnic <Expected Job Experience>3 years or longer experiences of IT lecturer or trainer	
<b>Contents</b>	<b>Program Period</b>	2011 / 11 / 29 ~ 2012 / 2 / 11
1)•PC & Network Operation, HTML Programming / e-learning, Open Source Technology, Server Setup, Web Design 2) IT human resource management in private company, IT Related Company & Production Plant 3)Hokkaido University, Hokkaido Polytechnic College, IT education in junior school/high school, The Board of Education 4)Pedagogies on IT, IT training curriculums in school, Role playing practice 5)Inception Report Presentation, Problem Analysis, Action Plan Consultation/Presentation	<b>Implementing Partner</b>	Under Planning
	<b>JICA Center</b>	JICA Sapporo
	<b>Cooperation Period</b>	2011~2013
	<b>Remarks and Website</b>	



Target Countries: <input type="text"/>		12 participants	
Sector : Information and Communication Technology/Information and Communication Technology			
Sub-Sector :			
Language : English			
Appeal			
<p>1) Workshop for planning dissemination video program is offered. The excellent work will be delivered to the Internet from JICA-Net library.</p> <p>2) Modules for human skills such as dissemination are offered, incorporating role-play activities into lectures.</p> <p>3) In order to realize participants' Action Plan, support staff will offer follow-up activities for six months.</p>			
Objective / Output		Target Organization / Group	
<p><b>【Objectives】</b> Training participants will be able to intermediate and/or advanced methodologies for planning designing, producing and evaluating digital videos material for dissemination and enlightenment in various sectors.</p> <p><b>【Outputs】</b> (1) To explain theories and concepts for planning and designing educational programs and materials (2) To explain a "Human Skills" for activities of education, dissemination and enlightenment (3) To explain and use a basic knowledge and technical skills for producing digital video material. (4) To get ideas and hints from case study on activities of education, dissemination and enlightenment (5) To make an Action Plan to disseminate knowledge, skill and awareness through the Workshop of final video production and planning an dissemination /enlightenment program with using of the video.</p>		<p><b>【Target Organizations】</b> Ministries and/or agencies in central government and/or local government authorities</p> <p><b>【Target Group】</b> - Officers in charge of the planning and production of video program in a governmental or public organization - Having 3 to 7 years of working experience of dissemination and enlightenment or of production of video program - Age: From 25 years old to 40 years old - University graduates or equivalent</p>	
Contents		Program Period	
<p>&lt;Activities in Preliminary Phase in home country&gt; Identification of issues on dissemination at own organization &lt;Activities in Core Phase in Japan&gt; Followings are subjects provided for each output mentioned above: (1) Instructional design, Adult leaning theory, Introduction to audio visual media (2) Presentation skill, Facilitation skill, Communication skill (3) Basic and application knowledge of shooting of digital video, Script writing, Basic and application knowledge of editing of digital video and animation, Exercise of producing digital video materials (4) Case study of media application in JICA projects, Observation tour in Japan (5) Workshop(Planning, designing, producing and evaluating digital video materials and dissemination/enlightenment program), Formative Evaluation, Action Plan &lt;Activities in Finalization Phase in home country&gt; Within 6 months of the end of the course in Japan, participants are expected to implement the plan proposed in the Action plan and report the progress as a final report.</p>		2011 / 11 / 1 ~ 2012 / 2 / 25	
		Implementing Partner	Under Planning
		JICA Center	JICA Okinawa
		Cooperation Period	2011~2013
		Remarks and Website	
		Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.	

Target Countries: <input type="text"/>		7 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector :		
Language : English		
Appeal		
This program aims to promote the distribution of information and contribute to the improvement of the digital divide in a rural area. To contribute to understand the digital divide improvement method deeply and make some practical tentative plan, the program is systematically constructed with the Information & Communication Technology theory and the practice works with the rural area the participants selected.		
Objective / Output	Target Organization / Group	
< Course Objective > To propose a solution for developing communications and an information environment in the rural area of the participants' countries. < Objective for each unit > (1) To review the current conditions and identify the issues in the communications and information environment in their respective countries. (2) To organize and analyze issues related to information in rural areas and acquire the means of information transmission through case examples. (3) To acquire a good understanding of outline and theories essential for developing communication and information environment in rural areas. (4) To acquire the practical skills of network planning to transmit information in the rural areas. (5) To formulate an Interim Report on developing communications and an information environment of a rural area in their respective countries taking into account feasibility.	< Target Organization > Departments of national and local government in charge of organizing the communications infrastructure and information society. < Nominee Qualification > (1) A technical and managerial level person involved in information communications of a relevant government institution or within the government. (2) Practical experience in Information & Communication Technology for more than 5years (3) Under 50years of age, in principle	
Contents	Program Period	2011 / 7/26 ~ 2011 / 9/10
【Preliminary Phase】 (1) Submission of Inception Report (2) Self-education of the basic theory of rural telecommunication network 【Core Phase in Japan】 (1) Inception Report Presentation (2) Outline of Project Cycle Management Technique, Best practices of information, Building IP Network (3) ICT Development Strategy: Global Challenge for Rural Community, Fundamentals of Photonic Networks, Mobile Systems Overview and GSM system, Cases of Universal Service Fund System, Best practices of Network building by IRU(Indefeasible Right of Use) (4) Fundamentals of System Planning for Rural Telecommunications, Drill in Network Planning for Rural Telecommunications, (5) Interim Report Presentation 【Finalization Phase】 Submission of Final Report; Reporting an Interim Report and obtaining feed-back, Gathering information which was insufficient and Finalizing the Interim Report as a final report	Implementing Partner	Under Planning
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010~2012
	Remarks and Website	

Target Countries:		5 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector :		
Language : English		
<b>Appeal</b>		
This program is designed for a director who manages policy or regulation making in ICT field. The program aims to contribute to an improvement of the provision of telecommunication service in each country with considering the role of the administration. A curriculum is conclusively constructed to share and improve participants' recognition of "Universal Service" through discussions and to learn the role-sharing among stake holders; central or local governments, service providers or academics with lectures and observations.		
<b>Objective / Output</b>	<b>Target Organization / Group</b>	
<p>&lt; Course Objective &gt; To clarify the important issues that the policy-making and regulating authority should tackle in order to put the universal service into practice in a competitive setting.</p> <p>&lt; Objective for each unit &gt; (1) To learn the theories of telecommunications policies, and understand the ideal situation of policymaking and regulation (from an academic standpoint) (2) To understand the roles of the regulating authority in the competitive market, and sort out the relevant issues (from the standpoint of the regulating authority) (3) To understand the business strategies of telecommunications carriers in the competitive market, and consider how the regulating policies should be (from the standpoint of the telecommunications carriers)</p>	<p>&lt; Target Organization &gt; Governmental organizations in the field of telecommunications policy making or regulations sector. &lt; Nominee Qualification &gt; (1) Director or equivalent in charge of policy making or regulations in the telecommunications sector in a governmental organization (2) Have several years of experience in charge of telecommunications and have sufficient knowledge of the telecommunications sector (3) Be a graduate of a university or equivalent</p>	
<b>Contents</b>	<b>Program Period</b>	2011 / 6 / 21 ~ 2011 / 7 / 9
<p>This program is composed of lectures, discussions and observations. The main topics are as follow:</p> <p>(1) Country Report Presentation and Discussion (2) The role of administrative organization in competition (3) Pro-Competition Policy of Telecommunications (4) Frequency Management (5) Telecommunication infrastructure improvement in local government (6) Universal Service Policy (7) Business Management under Competition (8) Submission of Action Plan (9) Discussion on the "Universal service of Telecommunication"</p>	<b>Implementing Partner</b>	Under Planning
	<b>JICA Center</b>	JICA Tokyo(Economy&Env.)
	<b>Cooperation Period</b>	2010~2012
	<b>Remarks and Website</b>	This program is for senior officials.

Target Countries: <input type="text"/>		8 participants
Sector : Information and Communication Technology/Information and Communication Technology		
Sub-Sector :		
Language : English		
<b>Appeal</b>		
<p>The objective of this program is to contribute to deployment of telecommunication infrastructure with understanding standardization trend of ICT and learning knowledge of the latest policies, technologies and telecommunication services in Japan. This program is constructed with interesting lectures and study visits presented by government organizations and Japanese well-known companies, to contribute solving challenges in each country.</p>		
<b>Objective / Output</b>	<b>Target Organization / Group</b>	
<p>&lt; Course Objective &gt;                  To obtain knowledge for making an effective plan or policy to deploy telecommunication infrastructure through understanding standardization trend and the latest telecommunication policies and ICT.</p> <p>&lt; Objective for each unit &gt;                  (1) To obtain a better understanding of standardization and Japanese policies which are important for constructing telecommunication infrastructure.                  (2) To gain the ability to improve telecommunications systems and applications in their respective countries through obtaining a better understanding of the latest trends of ICT and application and services on the telecommunication networks.                  (3) To share and analyze issues concerning the deployment of telecommunication infrastructure faced by their respective countries, apply knowledge they have gained through the training, and plan their organization's activities they should undertake in the future.</p>	<p>&lt; Target Organization &gt;                  Governmental or Private careers and manufacturers or Governmental organizations in charge of ICT                  &lt; Nominee Qualification &gt;                  (1) ICT policy planners from government agencies in charge of ICT.                  (2) Preferably persons who engaged in standardization activity or deployment of telecommunication infrastructure.                  (3) Have work experience on information and communications for more than, five years (the longer you have work experience the better qualified you are).</p>	
<b>Contents</b>	<b>Program Period</b>	2012 / 1 / 10 ~ 2012 / 2 / 11
<p>&lt; Preliminary Phase &gt;                  Formulation and submission of Country Report.                  &lt; Core Phase in Japan &gt;                  Attending lectures, study visits and discussion on following subjects                  (1) Standardization trend in the world, Japanese telecommunication policies, the latest Research and Development on ICT, advanced services on telecommunication network in Japan.                  (2) Visit to Japanese well-known companies and governmental organization to see the practical services and research &amp; development                  (3) Group discussion                  &lt; Finalization Phase &gt;                  (1) Action Plan made by participant is shared in the organization and discussed from the standpoint of realization and implementation                  (2) The compilation of a Final Report and its submission to JICA Tokyo</p>	<b>Implementing Partner</b>	Ministry of Internal Affairs and Communications
	<b>JICA Center</b>	JICA Tokyo(Economy&Env.)
	<b>Cooperation Period</b>	2010~2012
	<b>Remarks and Website</b>	

Target Countries: <input type="text"/>		11 participants
Sector : Information and Communication Technology/Broadcasting		
Sub-Sector :		
Language : English, Spanish		
<b>Appeal</b>		
To contribute to understand digital TV broadcast engineering deeply, the program is systematically constructed with the digital theory and the feature of the broadcasting services. Understanding the general theory as well as promotion activity and how to solve problems to diffuse DTTB service in Japan, will serve the guideline for digitalizing TV broadcast in the developing countries. The technical and systematical progress will be expected in the long term by sharing knowledge and skills.		
<b>Objective / Output</b>	<b>Target Organization / Group</b>	
<p>&lt; Course Objective &gt; To implement the broadcasting digitalization effectively in developing countries.</p> <p>&lt; Objective for each unit &gt; (1) To be able to explain the outline of digital broadcasting technology. (2) To be able to explain the advantages of a digital broadcasting system and make use of the knowledge for the planning and implementation of digitalization. (3) To share the knowledge and technique of digital broadcasting planning/operation in his/her organization after returning.</p>	<p>&lt; Target Organization &gt; Broadcasting organizations &lt; Nominee Qualification &gt; (1) Engineers, working at TV Broadcasting organization, who are in a position of leader of section or equivalent rank. (2) Have practical experience in TV engineering. Be in charge of planning /implementation of digitalization of the broadcast. (3) College or university graduates or have an equivalent technical knowledge of electronic engineering and fundamental knowledge about digital engineering theory.</p>	
<b>Contents</b>	<b>Program Period</b>	2011 / 6/21 ~ 2011 / 7/30
<p>&lt; Preliminary Phase &gt; Formulation and submission of Inception Report.</p> <p>&lt; Core Phase in Japan &gt; (1) Fundamentals of Digital Theory (sampling, quantization, coding, transmission, modulation), Digital Broadcast Services, Digital Transmitter, Digital Terrestrial TV, Radio, Trend of Digital Broadcast. (2) Digital Transmission System (Analog/Digital Simulcasting), E-learning for Educational Broadcasts, Problems for Introducing DTTB, Disaster Newscasts, Overseas Transmission (3) Presentation of Action Plan for the participant's organization</p> <p>&lt; Finalization Phase &gt; (1) Action Plan made by participant is shared in the organization and discussed from the standpoint of realization and implementation (2) The compilation of a Final Report and its submission to JICA Tokyo</p>	<b>Implementing Partner</b>	Under Planning
	<b>JICA Center</b>	JICA Tokyo (Economy & Env.)
	<b>Cooperation Period</b>	2011 ~ 2013
	<b>Remarks and Website</b>	This program will be implemented twice for JFY 2011. The second one is scheduled from Sep. 20, 2011 to Oct. 15, 2011 in Spanish. (1st): 11 participants (2nd): 10 participants

Target Countries: <input type="text"/>		12 participants
Sector : Information and Communication Technology/Broadcasting		
Sub-Sector :		
Language : English		
<b>Appeal</b>		
<p>The program is constructed with the learning of maintenance skills of digital studio equipment such as VTR, disc recorder, etc., management methods in consideration of technical requirement, and actual exercise of them. That systematical curriculum contributes to acquire the knowledge and skills for broadcasting equipment maintenance effectively in the developing countries. Enough exercise hours in this program allow the participants to acquire the practical experiences and skills so that they can utilize it actually in their own organization even after returning to their countries.</p>		
<b>Objective / Output</b>	<b>Target Organization / Group</b>	
<p>&lt; Course Objective &gt;                  Systematic and effective implementation of maintenance and quality management of digital studio broadcasting equipment in TV broadcasting stations in developing countries.</p> <p>&lt; Objective for each unit &gt;                  (1) To understand the concept of quality management of broadcast studio equipment systems,                  (2) To understand the outline of broadcast VTR and tapeless players/recorders to be able to service them periodically with the use of service manuals                  (3) To understand the broadcasting equipment management system by using a Management Software.                  (4) To share with the organization the Action Plan (the quality control method for broadcasting equipment systems) made by the participant and hold discussions towards realization and implementation as a Final report.</p>	<p>&lt; Target Organization &gt;                  Broadcasting organizations and its related governmental organizations                  &lt; Nominee Qualification &gt;                  (1) Engineers, working at Governmental or Government-related TV broadcasting organizations, who are in a position of leader of section or equivalent rank                  (2) Engineer with practical experience and skill as a broadcast content creation engineer, or a person in charge of the quality or maintenance management of TV broadcast equipment</p>	
<b>Contents</b>	<b>Program Period</b>	2011 / 9/25 ~ 2011 / 10/29
<p>&lt; Preliminary Phase &gt;                  Formulation and submission of Inception Report.                  &lt; Core Phase in Japan &gt;                  (1) Quality management of broadcast studio equipment systems, Visit a broadcast station and broadcast equipment factory                  (2) Basic theory and format of VTR, Utilization of service manuals, Practice of parts replacement and adjustment for periodic maintenance of VTR, Overview of tapeless recording equipment and maintenance practice                  (3) How to make a budget plan for periodic maintenance, Operation and practice of maintenance management software for equipment and parts management                  &lt; Finalization Phase &gt;                  (1) Action Plan made by participant is shared in the organization and discussed from the standpoint of realization and implementation                  (2) Creation and submission of a Final Report</p>	<b>Implementing Partner</b>	Under Planning
	<b>JICA Center</b>	JICA Tokyo(Economy&Env.)
	<b>Cooperation Period</b>	2011~2013
	<b>Remarks and Website</b>	

Target Countries: <input type="text"/>		7 participants
Sector : Information and Communication Technology/Broadcasting		
Sub-Sector :		
Language : English		
<b>Appeal</b>		
This program is designed to create new knowledge of broadcast administration, through acquisition of knowledge for Japan's policy and institutional trends, services, technology in the field of broadcasting. A curriculum is conclusively constructed to share and improve participants' recognition of "Digitalization of terrestrial TV broadcasting" and problem-solving strategies to diffuse DTTB service through discussions with the Japanese experts and other participants.		
<b>Objective / Output</b>	<b>Target Organization / Group</b>	
<p>&lt; Course Objective &gt; To deepen their understanding of the roles of public broadcasting, diversification of the broadcast industry and trends affecting the industry's management frameworks and development of policies and laws as a result of diversification, and organize relevant issues and approaches in their own countries.</p> <p>&lt; Objective for each unit &gt; (1) To enhance their understanding of current policy, administration, legal systems, etc., in Japanese broadcasting as well as the history behind them. (2) To gain understanding of Japan's policies and methods pertaining to introduction of terrestrial digital TV broadcasting, the characteristics of Japan's terrestrial digital TV broadcasting system, and technical development trends with focus on TV broadcasting. (3) To enhance their understanding of the current conditions and future prospects of Japan's broadcast industry and broadcaster management. (4) To enhance their understanding of radio regulation policies that guarantee the legality of radio wave use, including TV broadcasting facilities improvement and broadcasting. (5) To organize solutions to issues in their own countries through discussion and then prepare individual reports.</p>	<p>&lt; Target Organization &gt; Governmental organizations in charge of policy making in the TV broadcasting sector, or public broadcasting organizations</p> <p>&lt; Nominee Qualifications &gt; (1) Directors general or above who are engaged in policy making in the TV broadcasting sector, or executive managers of public broadcasting organizations, or their equivalent, in principle. (2) 30 - 50 years of age, in principle.</p>	
<b>Contents</b>	<b>Program Period</b>	2011 / 11 / 6 ~ 2011 / 11 / 18
<p>This program is composed of lectures, discussions and observations. The main topics are as follow:</p> <p>(1) Country Report Presentation and Discussion (2) Development of TV broadcasting in Japan, Current situation and issues of TV broadcasting administration in Japan, Digitalization of terrestrial TV broadcasting in Japan, One-segment broadcasting service for mobile devices, ISDB-T (Technology) (3) The Ministry of Internal Affairs and Communications (MIC), broadcasting ethics &amp; program improvement Organization, R&amp;D institute, NHK (public broadcaster), commercial broadcaster(s), cable TV operator, (4) Discussion and submission of Individual report.</p>	<b>Implementing Partner</b>	Ministry of Internal Affairs and Communications
	<b>JICA Center</b>	JICA Tokyo (Economy & Env.)
	<b>Cooperation Period</b>	2010 ~ 2012
	<b>Remarks and Website</b>	This program is for senior officials.