






# 8. Information and Communication Technology


<b>IP Network Building and Monitoring Technology</b> <b>IPネットワークの構築・監視技術</b>		GROUP 	0880002
Information and Communication Technology—Information and Communication Technology			
		14 participants ★ /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> To develop the engineers needed for promotion of the future use of broadband and dissemination of the knowledge and technology of IP network in participating nations by imparting training in IP network building, monitoring and maintenance. <b>【Outputs】</b> (1) To learn the basic technology of IP networks, needed by network engineers responsible for spreading and developing IP networks. (2) To understand the main technologies and building methods of IP networks. (3) To learn the basic ideas about how to predict future data traffic and calculate the best size of IP network infrastructure. (4) To understand the basic ideas about monitoring technologies of IP networks and learn the basic ideas about quality control (throughput, packet loss and delay, etc.) (5) To make an "Action Plan" to disseminate the knowledge and technology acquired from this training course.	<b>【Target Organizations】</b> Organizations in charge of network infrastructure and basic design, installation and maintenance. <b>【Target Group】</b> (1) Mid-level engineers involved in network infrastructure and basic design, installation and maintenance (2) Graduates from a 2-year college or communications trade school or those who have a comparable scholastic history, and have practical experience of more than three (3) years (3) be able to disseminate knowledge and technology acquired from this training course after returning to their home countries		
CONTENTS	PROGRAM PERIOD	May.11.2008~Jul.12.2008	
Lectures, practical exercises, discussions and observation tour. The main themes are: (1) Learn the basic technology of IP networks, needed by network engineers responsible for spreading and developing IP networks. (2) Understand the main technologies and building methods of IP networks. (3) Learn how to predict future data traffic and calculate the best size of IP network infrastructure. (4) Understand monitoring technologies of IP networks and learn about quality control (throughput, packet loss and delay, etc.) and how to deal with disasters and quickly restore systems. (5) Measurement of results	IMPLEMENTING PARTNER	NTT Neomeit Corporation	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This course offers the general curriculum about IP network building and monitoring technology.  This seminar will be implemented twice for JFY 2008. The second one is scheduled from Oct.5.2008 to Dec.6.2008.	

<b>Chief Information Officer (CIO) for E-Government Promotion (A)</b> <b>電子政府推進のための情報化戦略責任者(CIO)養成(A)</b>		GROUP 	0880012
Information and Communication Technology—Information and Communication Technology			
		9 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Training participants, who lead computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to review business process to adjust to rolls of his/her work place, analyze business and issues, and formulate strategies for long/middle term computerization. <b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use human skills in team-working at a project. (3) To plan coordinated business architecture and data architecture from a viewpoint of total optimization. (4) To make a computerization strategy.	<b>【Target Organizations】</b> Ministries and/or agencies in a central government and/or local government authorities <b>【Target Group】</b> - Officers in charge of leading computerization of the organization. - Age: Under 45 years and over 30 years old. - University graduates or equivalent. - Having work experience either as an IT architect/system analyst/IT division manager/project manager for 5 to 7 years, or experience as a CIO for 2 years.		
CONTENTS	PROGRAM PERIOD	Jul.29.2008~Nov.8.2008	
Followings are subjects provided in each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Business Process Reengineering, Open Source Software, Security Basics, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Business Architecture, IT Architecture, IT Governance, Consulting Methodology, Information Security Policy (4) Workshop	IMPLEMENTING PARTNER	Fujitsu Limited	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

<b>Chief Information Officer (CIO) for E-Government Promotion (B)</b> <b>電子政府推進のための情報化戦略責任者(CIO)養成(B)</b> <small>Information and Communication Technology – Information and Communication Technology</small>		GROUP 	0880013
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Training participants, who lead computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to review business process to adjust to rolls of his/her work place, analyze business and issues, and formulate strategies for long/middle term computerization. <b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use human skills in team-working at a project. (3) To plan coordinated business architecture and data architecture from a viewpoint of total optimization. (4) To make a computerization strategy.	<b>【Target Organizations】</b> Ministries and/or agencies in central government and/or local government authorities <b>【Target Group】</b> – Officers in charge of leading computerization of the organization. – Age: Under 45 years and over 30 years old. – University graduates or equivalent. – Having work experience either as an IT architect/system analyst/IT division manager/project manager for 5 to 7 years, or experience as a CIO for 2 years.		
CONTENTS	PROGRAM PERIOD	Jan.6.2009~Apr.17.2009	
Followings are subjects provided in each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Business Process Reengineering, Open Source Software, Security Basic, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Business Architecture, IT Architecture, IT Governance, Consulting Methodology, Information Security Policy (4) Workshop	IMPLEMENTING PARTNER	Fujitsu Limited	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


<b>IP Network Engineer for E-Government Promotion</b> <b>電子政府推進のためのIPネットワーク技術者育成</b> <small>Information and Communication Technology – Information and Communication Technology</small>		GROUP 	0880052
		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The rapid spread of the Internet is expected to boost the efficiency of Government work, and many countries have tried to implement "E-government". However, the lack of Network Technicians had made it difficult to realize the plan.  The purpose of this program is that participants will be able to design a network within their ministries and manage it to promote their E-government plan. To attain this objective, participants are expected to achieve the following results:  1. To understand the concept of E-government 2. To understand the knowledge for implementing Open Source and be able to utilize it 3. To grasp user needs and design/construct WAN/LAN 4. To operate and manage TCP/IP Networks 5. To be able to explain relevant security points which should be concerned when networks are designed and constructed	<b>[Target Organizations]</b> Telecommunication offices within ministries, Public Educational organizations, Telecommunication departments within public organizations  <b>[Target Group]</b> •SEs or lecturers with more then 3years of practical experience •SEs who are (will be) in charge of the Network design, construction, management for the E-Government Promotion project •University graduates or equivalent		
CONTENTS	PROGRAM PERIOD	Aug.18.2008~Nov.12.2008	
1. Outline of NTT Corporation 2. Purpose of E-government, service 3. EA: its needs, establishment procedure 4. Linux: Outline, Basic command, server outline, system construction 5. LAN: Basic knowledge, Design 6. WAN: Service outline, Design 7. QC 8. Basic Security  Those contents will be implemented by lectures, practices and field trips.	IMPLEMENTING PARTNER	NTT WEST-KYUSHU CORPORATION	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2006~2009	
	REMARKS	* This course is not for E-government policy makers but for technicians who promote the policy.	


Internet Applied Technology インターネット適応技術		GROUP 	0880197
Information and Communication Technology—Information and Communication Technology			
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Although Internet technology is spreading globally, there are some developing countries which do not make full use of the Internet, because of the lack of knowledge and skills, and the lack of understanding of its applications.</p> <p>The purpose of this program is to enable participants to use the Internet within their organizations beneficially.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1. To learn the fundamental skills of Internet applied technology</li> <li>2. To grasp trends in the solution business</li> </ol>	<p>[Target Organization] Ministry in charge of IT Governmental telecommunication and telephone companies</p> <p>[Target Group] 1. Individuals working for telecommunication administrations or common carrier organizations, with at least 3 years of practical experience 2. Individuals having graduated from university (electrical engineering) or equivalent level</p>		
CONTENTS	PROGRAM PERIOD	May.19.2008~Jul.5.2008	
<ol style="list-style-type: none"> <li>1. LAN construction and techniques: Lectures, practice</li> <li>2. ATM Technology(Asynchronous Transfer Mode Switching System): Lecture, Practice</li> <li>3. Multi-layer switch technology: Lectures, practice</li> <li>4. Internet applied services (Outline of IP telephone, etc.): Lectures</li> <li>5. E-governance and trend toward ubiquity: Lectures</li> </ol> <p>Those contents will be implemented by lectures, practices and observations.</p>	IMPLEMENTING PARTNER	NTT WEST-KYUSHU CORPORATION	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2003~2010	
	REMARKS	1. As the program is positioned as an introduction to IT, participants from countries and organizations that have just started to introduce Internet technology will be preferred.	

Television Programme Production (General) テレビ番組制作(総合)		GROUP 	0880716
Information and Communication Technology—Broadcasting			
Target Countries: Countries with 5 or less terrestrial channels		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Outcome: The course is intended to help the participants raise the production level of documentary programs.</p> <p>Output: (1) To explain the points of process of Documentary TV program production. (2) To Acquire the knowledge related to TV program production (human right, broadcasting ethics, copy right, etc.) (3) To propose the improvement plan for TV program production in recipient country.</p>	<p>(1) TV programme producers or directors engaged in public or private TV broadcasting centers who are expected to continue working in the field, (2) Individuals with between 5 and 10 years of practical experience in TV programme production, including planning, structuring, and script writing, (3) Age: 25-35 years old, in principle (3) Individuals with a sufficient command of written and spoken English to participate in discussions</p>		
CONTENTS	PROGRAM PERIOD	Jan.20.2009~Mar.7.2009	
<p>To learn the method of Documentary TV program production.</p> <p>Lecture: Role of Broadcasting , Japanese broadcasting system and role of NHK, TV production theory, Issues of TV program production in the age of digitalization, Broadcasting and human right, approach to disaster reporting</p> <p>Exercise: Documentary TV program production(deviled into two team)</p> <p>Observation: visit broadcasting center.</p>	IMPLEMENTING PARTNER	NHK COMMUNICATIONS TRAINING INSTITUTE	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Telecommunication networks are spreading in every country worldwide, and their development has been remarkable. However, problems are caused by frequent breakdown, corrosion, and the encroachment of various telecommunication facility systems, which makes it difficult to construct a basis for rolling out broadband in developing countries. Ineffective and inefficient design, construction and maintenance are considered to be the causes of those problems.</p> <p>The aim of this program is to enable participants to design, construct and maintain telecommunications outside the plants of the participants' region appropriately. To attain the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1. To learn design and construction techniques for external plants</li> <li>2. To learn skills for maintaining external plants and managing defective facilities</li> <li>3. To learn skills for planning facility investment based on demand forecasts</li> <li>4. To learn new technologies of access networks</li> <li>5. To learn about quality and security control</li> </ol>	<p>[Target Organization]                      Ministry in charge of IT                      Governmental telecommunication and telephone companies</p> <p>[Target Group]                      1. Telecommunication engineers who have at least 3 years of practical experience in network planning, designing, constructing and maintenance, especially in the field of access networks                      2. Technical school or junior college graduates who majored in telecommunication or equivalent</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep.1.2008~Nov.29.2008</p>
<ol style="list-style-type: none"> <li>1. Design of external plants (basic design, demand forecast, manhole/handhole technique): Lectures, practice</li> <li>2. Construction of external plants (safety control, optical fiber fusion): Lectures, practice</li> <li>3. Maintenance of external plants (maintenance technique, emergency rehabilitation): Lectures, practice</li> <li>4. New technologies of access networks (xDSL, optical fiber access service): Lectures</li> <li>5. QC control: Lectures, practice</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>NTT WEST-KYUSHU CORPORATION</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2004~2008</p>
	<p><b>REMARKS</b></p>	<ol style="list-style-type: none"> <li>1. As the program will provide basic techniques, participants should be under 35 years old.</li> <li>2. Maintenance techniques of external plants are fundamental for "broadbandization".</li> </ol>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program is designed with the aim of promoting executive officials who will become the core of the radio regulatory administration, based on understanding of the following:</p> <ol style="list-style-type: none"> <li>(1)The meaning and outline of frequency management, and the methods used to plan assignment, forecast demand and coordination</li> <li>(2)The actual frequency assignment, sanction of radio stations based on the number of stations and the need to use radio frequency</li> <li>(3)Whether the frequency actually assigned will be used efficiently, with future frequency needs, the necessity for post-fact radio regulations and a scheme involving clearance of illegally used waves</li> </ol>	<p>&lt;Target Organizations&gt;                      Central or local government in charge of the field of Radio regulatory administration</p> <p>&lt;Target Group&gt;                      (1) Junior college or technical school graduates or equivalent education                      (2) Officials with more than 3 years of occupational experience, specially engaged in the planning or coordinating of radio frequency assignment, or licensing of radio stations                      (3) Have a good command of spoken and written English</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.15.2009~Mar.14.2009</p>
<p>The following subjects will be covered in this program through lectures, observations and discussions;</p> <ol style="list-style-type: none"> <li>(1) Legal systems for radio regulation</li> <li>(2) Frequency management</li> <li>(3) Sanctions and administration for radio stations</li> <li>(4) Radio frequency monitoring</li> <li>(5) Environmental problems associated with electromagnetic waves</li> <li>(6) Certification systems for telecommunications equipment</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Radio Engineering &amp; electronics Association</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Yokohama</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2004~2008</p>
	<p><b>REMARKS</b></p>	


Satellite Communications Engineering 衛星通信技術		GROUP 	0880945
Information and Communication Technology—Information and Communication Technology			
		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Outcome: This program aims to enhance the expertise of the satellite communication engineers regarding planning and designing of satellite telecommunication backbone.</p> <p>Outputs: At the end of this program, the participants are expected; (1) to understand and be able to clearly describe the basic theory of satellite communication system, (2) to concretely describe the roles and features of each earth station facilities and satellite communications systems/technologies, (3) to be able to formulate pertinent construction plan of earth station as a preparatory exercise, and (4) to draw up an Action Plan on their duties regarding the designing of earth stations after return home.</p>	<p>(1) Engineers /technicians currently engaged in the field of satellite communications, such as planning, designing and/or operational management As the course is designed for engineers /technicians, researchers are not eligible. (2) Must have a minimum of three years working experience in the field of satellite communications (3) University graduates who majored in telecommunications, electrical/electronic engineering, or those who have equivalent knowledge in the field of satellite communications engineering. (4) Age: 25-40 years of age, in principle</p>		
CONTENTS	PROGRAM PERIOD	May.7.2008~Jun.21.2008	
<p>Lecture General Aspects of Satellite Communication Basic Theory and Method of Fixed Satellite Communication Systems Earth Station Facilities for INTELSAT and INMARSAT Satellite Communication Systems Application Technologies for Satellite Communication Systems and Other Related Telecommunications Technologies</p> <p>Practice Group Discussion on Simulating an Earth Station Construction Presentation of Discussion Result</p> <p>Technical Observation Action Plan Presentation</p>	IMPLEMENTING PARTNER	KDDI ENGINEERING AND CONSULTING, INC.	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Countries with earth satellite stations (ground stations equipped with antennae to receive satellite signals) are preferable, as the program aims to enhance existing satellite communication services.	

Optical Fiber Cable Technologies 光ファイバーケーブル		GROUP 	0880946
Information and Communication Technology—Information and Communication Technology			
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Outcome: The program aims to help the participants to acquire knowledge/ techniques necessary for the network design of optical fiber cables and to disseminate them in their own organizations so that the organizations may enhance their technical capabilities.</p> <p>Output: The participants are expected; (1) to be able to explain basic theory of optical fiber and optical fiber communications system, (2) to understand the meaning and roles of each facility of optical fiber cable backbone and become capable of applying appropriate system to each facility, (3) to acquire network design techniques in order to maintain high reliability of optical fiber, and (4) to understand operation and maintenance technologies needed to optical fiber cable network.</p>	<p>Governmental/semi-governmental organizations in charge of optical fiber cable networks and optical fiber cable communications carriers</p> <p>1. Present position, assignment: engineers currently engaged in construction project or in operation and maintenance of optical fiber cable backbone networks 2. Occupational Background: have more than 3 years of experience in optical fiber communications networks 3. Academic Background: be university graduates who majored in telecommunications and/or electrical/electronics engineering</p>		
CONTENTS	PROGRAM PERIOD	Nov.10. 2008~Dec.13. 2008	
<p>The program mainly consists of lectures, demonstrations and observations. The main items covered in this program are as follows: 1) Outline of telecommunications and optical fiber backbone networks 2) Basic theory and systems of optical fiber backbone networks 3) Practice (FTTH, Optical measurement technology) 4) Operation &amp; maintenance technology 5) Upgrading network system 6) Basic design (Node design for terrestrial terminal station, Design exercise) 7) Discussions on Action Plan</p>	IMPLEMENTING PARTNER	KDDI ENGINEERING AND CONSULTING, INC.	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Telecommunications Standardization 電気通信標準化		GROUP	0880967
Information and Communication Technology—Information and Communication Technology			
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Program Objective: This program aims to help participants analyze issues related to the administration of telecommunication in their respective countries and formulate an action plan for improvement.</p> <p>To achieve the above Program Objective, participants are expected;</p> <p>(1) To acquire general knowledge of international mandatory standards.  (2) To acquire general knowledge of voluntary standards applied in Japan.  (3) To obtain a better understanding of international standardization trends, as well as efforts being made by the Japanese government toward international standardization policy and activities in Japan.  (4) To identify the problems they encounter in their own work and formulate an action plan to be implemented after returning home.  (5) To identify the problems related to standardization activities in their countries and formulate a plan to improve the activities at the level of their own organization.</p>	<p>Target Organization: Competent ministry in charge of telecommunications administration or department of a public organization in charge of telecommunications standardization</p> <p>Nominees must;</p> <p>(1) be an university graduate specialized in communication engineering or electronic engineering, or have its equivalent technical knowledge and experience.  (2) be an administrative officer in charge of information and telecommunications or an engineer in public telecommunications organization.  (3) be preferably engaged in telecommunications standardization.</p>		
CONTENTS	PROGRAM PERIOD	Jan.13. 2009~Feb.14. 2009	
<p>This program is composed of lectures, discussions and observations. The main topics are as follow:</p> <p>(1) Standardization activities of ITU and Japan  (2) Current situation of standardization administration  (3) Standardization activities of various organizations  (4) Technical regulation conformity certification  (5) Technology and services in the field of telecommunications, such as mobile communications and an IP-based network.</p>	IMPLEMENTING PARTNER	Information and Telecommunications Policy Bureau, Ministry of Internal Affairs and Communications (MIC)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Leadership Development for Information Systems Promotion 情報化推進のためのリーダー育成		GROUP	0880989
Information and Communication Technology—Information and Communication Technology			
Target Countries: Malaysia, Botswana, Zambia, Rwanda		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of the training program is to develop human resources who are capable of analyzing the current circumstances of information systems promotion in their respective countries and thus formulating and implementing a project to meet the information systems promotion policy of their own countries through understanding of the outline, methodology and present state of the e-Japan Priority Policy Program of Japan.</p>	<p>(1) University graduates or equivalent  (2) Individuals in public organizations engaged in the planning and management of informatization with at least three (3) years experience.  Exceptions:  (a) Individuals not specializing in operations associated with computers,  (b) Individuals possessing at least PC literacy  (3) Individuals between the ages of thirty (30) to forty-five (45)</p>		
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Nov.29.2008	
<p>The main themes are:</p> <p>(1) Informatization trend in Japan (administrative evaluation of local governments, security)  (2) Introduction of the e-Japan Priority Policy Program, the national project (IT policy of Japan, local government information systems)  (3) Human resource development schemes for informatization, research institutes with new information and telecommunications technology)  (4) Acquire knowledge on management to implement the informatization project  (5) Understanding the structure, utilization and effect of the GIS system, disaster prevention system and mobile communication system  (6) Administrative support for venture business and measures for the multimedia industrial base  (7) Preparation and presentation of an action plan</p>	IMPLEMENTING PARTNER	KANSAI INSTITUTE OF INFORMATION SYSTEMS AND INDUSTRIAL RENOVATION	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


<b>Management Information Strategy (Master of Arts)</b> <b>経営情報戦略(長期)</b>		L/T  0881150
Information and Communication Technology—Information and Communication Technology		
		1 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> Training participant will be able to develop computerization strategies under administration and management theories, based on information science. <b>【Outputs】</b> Training participant will be able to: (1) Explain the theories related to Administration, Organizational Management, and Marketing. (2) Explain the Information Systems and their usage to business. (3) Propose and introduce IT resources, and build Information system schemes to support the organizational mission.	<b>【Target Organizations】</b> Ministries and/or agencies in a central government and/or local government authorities <b>【Target Group】</b> - Executive trainee - Individuals with minimum two years experiences in the information system division of public agencies - Under 35 years old - University graduate or equivalent - Having fine command of English	
CONTENTS	<b>PROGRAM PERIOD</b>	March.2009~March.2011
(1) Management Cultures, Management Strategy, Human Resources Management, Comparative Management, Accounting, Psychology of small groups, International Marketing, Regional Revitalization (2) Networking Industry, Information Interaction, E-Business, Computational Intelligence, Management and Activity-based Information Sciences, Special Module on Management and Information Sciences. (3) Project Seminar in Management and Information Sciences	<b>IMPLEMENTING PARTNER</b>	Graduate school of Meio University
	<b>JICA CENTER</b>	JICA Okinawa
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	


<b>IT HUMAN RESOURCE DEVELOPMENT PROGRAM FOR SOUTHWEST ASIAN AND THE PACIFIC COUNTRIES</b> <b>南西アジア・大洋州地域 IT人材育成</b>		R/F  0884094
Information and Communication Technology—Information and Communication Technology		
Target Countries: Southwest Asia and The Pacific Countries		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To enable the persons responsible for the curriculum development for IT human resource development to grasp and respond to the needs of the industry in order to promote the implementation of the policies. To reach the objective, participants are expected to achieve the following: (1) To learn technology in use, so that they will be able to draw up more pragmatic curriculums (2) To understand the respective roles of the government, educational institutions and the private sector and the coordination among them regarding the IT human resource development (3) To understand the policies and relevant actions of IT human resource utilization and development by private companies (4) To understand the government policies on IT human resource development and the relevant programs and activities by the public sector including educational institutions (5) To find, from among the various programs/actions presented through the program, some concrete ideas to apply to their countries, to solve issues regarding IT human resource development	1) Technical officers or faculty members responsible for the curriculum development for IT human resource development with more than 1 year of work experience at vocational schools, universities or public in-service training institutions. 2) Individuals with the Bachelor of Engineering or equivalent qualification. 3) Under 40 years old.	
CONTENTS	<b>PROGRAM PERIOD</b>	Nov.18.2008~Feb.7.2009
Preparatory phase: Prepare a country report which describes the present situation of IT human resource development in participant's country  Curriculum in Japan: (1) Technology in use for drawing up more pragmatic curriculums (Interface technology, C language, Open source software, PC hardware design, etc.) (2) Respective roles of the government, educational institutions and the private sector and the coordination among them regarding the IT human resource development (3) Policies and relevant actions of IT human resource utilization and development by private companies (4) Government policies on IT human resource development and the relevant programs and activities by the public sector including educational institutions (5) Action plan to enhance the IT human resource development	<b>IMPLEMENTING PARTNER</b>	Sapporo Information Technology Promotion and Diffusion Council
	<b>JICA CENTER</b>	JICA Sapporo
	<b>COOPERATION PERIOD</b>	2006~2010
	<b>REMARKS</b>	



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to recommend/advise for computerization strategies from a viewpoint of database management, implement database portions in projects as planned under such strategies and maintain such database systems regularly as scheduled in daily operation.</p> <p><b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use human skills in team-working at a project. (3) To make a conceptual design, logical design (data modeling), physical design of a database. (4) To construct a database. (5) To operate and administrate a database. (6) To formulate an Action Plan based on knowledge, skill and awareness through the Workshop.</p>	<p><b>【Target Organizations】</b> Ministries and agencies in a central government and/or local government authorities</p> <p><b>【Target Group】</b> - Officers in charge of database management in an organization - Age: Under 35 years old. - University graduates or equivalent. - Having 3 to 5 years experiences as applications or database specialists - Having basic knowledge of Linux.</p>	
<p align="center"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.22.2008~Des.17.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Open Source Software, Security Basic, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Database Design, Reliability Design, Workshop (4) Linux, Database Basics, Database Comparison, Database Construction, Programming, Database Application Development, Software Test (5) Performance Design, Database Tuning, Database Back-up Recovery, Data Migration (6) Workshop, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Fujitsu Limited</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>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.</p>

ICT Coordinator training for utilizing "Information Community (Tele-Center)" towards the dissolution of Digital Divide デジタルデバйд解消に向けた情報コミュニティ(テレセンタ)のためのICT活用コーディネータ育成 Target Countries: Having "Information Community" towards dissolution of Digital Divide		GROUP  0880069
		Information and Communication Technology-Information and Communication Technology
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> This course is designed for participants to be able to propose a model to utilize "Information Community" with considerations of situations and conditions of each community</p> <p><b>【Outputs】</b> (1) To understand the possibilities of utilization of "Information Community" (2) To study the ways to utilize ICT in consideration of situations of each country (3) To be able to explain the importance of ICT Coordinator (4) To be able to propose ICT utilization model in consideration of conditions of regions</p>	<p><b>【Target Organizations】</b> Organization having established or planning to establish "Information Community" towards dissolution of Digital Divide</p> <p><b>【Target Group】</b> • be in charge of training of ICT Coordinator of "Information Community" • be engaged in this field for 3-15years • to have technical knowledge about network and web</p>	
CONTENTS	PROGRAM PERIOD	Under Planning
<p>〈Preparatory Phase〉 Formulation of Job Report 〈Phase in Japan〉 (1)* Lectures on examples of Internet utilization in Japan * Case study of ICT solution in each area (2)* Sight visits of local communities where ICT is utilized in their own ways (3) Practices of ICT coordination (4)* Group works to make up ICT utilization model * Lectures and practices for making up Action Plan 〈Finalization Phase in participants' home countries〉 Sharing and developing Action Plan, Submission of Final Report (including progress of the Action Plan) to JICA regional Office</p>	<b>IMPLEMENTING PARTNER</b>	NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION
	<b>JICA CENTER</b>	JICA Osaka
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	


Web Application Development (Vendor) for E-Government Promotion 電子政府推進のためのWebアプリケーション開発(ベンダー系)		GROUP  0880073
Information and Communication Technology—Information and Communication Technology		
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to design and implement chiefly application portions using Web Technologies developed by a software vendor, in a system development project which realizes an information strategy.</p> <p><b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use personal skills in team-working at a project. (3) To analyze business process and design a Web application system, using Unified Model Language (UML). (4) To construct a Web application system under Windows(R) architecture. (5) To formulate an Action Plan to solve issues on development of Web application system on Windows(R) platform, with knowledge, skill and awareness through the Workshop.</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 Web application development on Windows(R) platform - Age: Under 35 years old. - University graduates or equivalent. - Having 2 years work experiences of application development. - Having basic knowledge of Windows Server(R).</p>	
CONTENTS	PROGRAM PERIOD	Jul.15.2008~Dec.23.2008
<p>Followings are subjects provided for each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Business Process Reengineering, Open Source Software, Security Basic, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Structure Analysis and Design, Performance Design, Reliability Design, Object Oriented Analysis and Design, Database Design (4) Programming, Database Application Development, Software Test, Database Construction, Windows Server(R) Construction (5) Workshop, Action Plan</p>	IMPLEMENTING PARTNER	Fujitsu Limited
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008~2010
	REMARKS	Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.

Information, Education and Communication (IEC) in Health Sector 保健医療分野におけるIEC活動		GROUP  0880075
Information and Communication Technology—Information and Communication Technology		
		20 participants ★ / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for public health and/or 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, transference of technologies to them 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 explain basic theories for IEC activities (3) To use human skills in education, dissemination and/or enlightenment (4) To explain basic knowledge and use basic skills for producing materials in various media. (5) To explain awareness and findings from case studies of IEC activities in health sector in Japan and developing countries (6) To make an Action Plan for training of acquired knowledge, skills and awareness through comprehensive planning of an educational program and production of materials for health sector</p>	<p><b>【Target Organizations】</b> Ministry or agency of health and/or a health department in local governments</p> <p><b>【Target Group】</b> - Officers in Ministry or agency of health and/or a health department in local governments - Age: From 25 years old to 40 years old - University graduates or equivalent - Having 3 to 7 years of experience in IEC activities related to healthcare or in the planning, production and utilization of audiovisual media</p>	
CONTENTS	PROGRAM PERIOD	Sep.9.2008~Dec.23.2008
<p>Followings are subjects provided for each output mentioned above: (1) Instructional Design Basics, Instructional System Design, Motivation and Behavior Change, introduction of Video Media, Introduction of Multimedia, Media Literacy (2) Media for Public Relations and Enlightenment, Community Involvement Approach, Media Campaign (3) Communication, Facilitation, Presentation (4) Digital Video Shooting and Editing, Digital Photo Shooting, Production of Printed Materials, Web Contents Production on ISD Model (5) Case Studies on IEC activities of health enlightenment (HIV/Aids Project, Public Health, Reproductive Health) (6) Validation methodology, Final workshop (Planning, designing, producing and evaluating Web contents), Action Plan</p>	IMPLEMENTING PARTNER	Japan International Cooperation Center
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>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.</p> <p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Jan.13.2009 to Apr.23.2009 in the same content.</p>

Target Countries : countries under reconstruction

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Program Objective】</b> Diffusion Plan for sharing the knowledge and skills which are required for formulation of telecommunications network development plan based on needs of the target area in participant's organization.</p> <p><b>【Outputs】</b> (1) To be able to explain the method of Demand Forecast (2) To be able to explain the outline of Telecommunication Network Configuration Plan (3) To be able to explain and practice Transmission Network Planning (4) To be able to explain and practice Access Network Planning (5) To be able to explain the method of Project Planning and Evaluation Tender</p>	<p><b>【Target Organizations】</b> Government or public organization for telecommunication</p> <p><b>【Target Group】</b> -be telecommunication engineers who are currently working in telecommunication network planning, designing and constructing -be college or university graduates who majored in telecommunication, electrical engineering, or electronics, or those who have equivalent technical knowledge -have more than 5 years' experience in the related field -be younger than the age of 40 (desirable)</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.5.2009～Feb.28.2009</p>
<p>(1) Macro Demand Forecast Micro Demand Forecast</p> <p>(2) Hierarchy of Telephone Network Signaling Plan/Common, Channel Signaling System Traffic Forecast(Traffic Theory) Circuit Calculation</p> <p>(3) Transmission Radio Network Planning Transmission Line (Metallic Cable/Optical Fiber Cable) Network Planning</p> <p>(4) Outline of Outside Plant/Remote Subscriber Module(RSBM) Designing of Outside Plant (Metallic Cable/Optical Fiber Cable) Practice of Optical Fiber Splicing (Connector/Melting Splice) Outline of ADSL Outline of VoIP</p> <p>(5) Feasibility Study Evaluation of Tender</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p> <p><b>REMARKS</b></p>	<p>NTT West-Kyushu</p> <p>JICA Kyushu</p> <p>2008～2010</p>

Web-based Contents Management Systems (CMS) Technology ウェブベースの情報発信・管理システム運用技術		GROUP  0880319
Information and Communication Technology—Information and Communication Technology		14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> The technologies for constructing the Contents Management System (CMS) based on the WEB utilizing open-source soft-wares, and its utilization, are shared among the staff members engaged in the activities in central/local government organizations/departments, where they positively try to enhance the administration through utilizing ICT (Information and Communication Technology)—the so-called realization of digital government—or where they have established its position as a model.</p> <p>To achieve this program objective, participants are expected in his/her countries and Japan;</p> <ol style="list-style-type: none"> <li>To formulate an Inception Report which are described the current situation of public service with ICT and perspectives for the future.</li> <li>To understand concepts and methodology to ensure program effectiveness.</li> <li>To strategically demonstrate gained skills and formulate an action plan (Interim Report).</li> <li>To develop the action plan (Interim Report) and carry out dissemination of program output in his/her organization to improve its viability.</li> </ol> <p>And, in participants' home countries, it is strongly recommended that the Interim Report is approved by the organization concerned.</p>	<p><b>【Target Organizations】</b> Administrative organs of central and local public bodies</p> <p><b>【Target Group】</b> the staff members engaged in the activities in central/local government organizations/departments, where they positively try to enhance the administration through utilizing ICT (Information and Communication Technology)—the so-called realization of digital government—or where they have established its position as a model.</p>	
CONTENTS	PROGRAM PERIOD	Oct.5.2008～Nov.29.2008
<p>This program consists of the following phases.</p> <ol style="list-style-type: none"> <li>Preliminary phase (activities in the participants' home country) Preparation of the Inception Report. Every participant is requested to bring his/her documents in digital media in the widely accepted format such as MS-Power Point, OpenOffice.org, or PDF.</li> <li>Core Phase (activities in Japan)               <ol style="list-style-type: none"> <li>Lecture of the present status of ICT, information security, and, information management.</li> <li>Observation at information processing sites.</li> <li>Lecture and exercise for utilizing operating system and internet server.</li> <li>Lectures on CMS including examples of good practice.</li> <li>Exercise for developing information portal site by open source CMS 「Plone」</li> <li>Make the Interim Report(includes action plans for transferring CMS technologies in his/her organization and the outputs through this program in Japan)</li> </ol> </li> <li>Final Phase (activities in the participants' home country) implementation of the action plans in the Interim Report and report on progress (Final Report) within six months</li> </ol>	IMPLEMENTING PARTNER	University of Tsukuba
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008～2010
	REMARKS	The participants' organizations are continuously expected to provide administrative services based on deployed CMS, and receive feedback from the community, so that a bidirectional, open and sustainable information-sharing system is realized as overall goal.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Program Objective】</b> Participants are expected to diffuse the basic knowledge of telecommunication network, the skill of basic plan-making and the basic IP technology in participants' organization.</p> <p><b>【Outputs】</b> (1) To be able to implement the basic management of telecommunication facilities (2) To be able to implement basic plan-making and designing of telecommunication (3) To be able to explain about the basic IP technology (4) To be able to explain current trend of telecommunication facilities (5) To be able to make diffusion plan for transferring the acquired knowledge and techniques to participants' colleagues (6) To be able to implement the diffusion plan after returning to home countries</p>	<p><b>【Target Organizations】</b> Telephone companies, telecommunication companies and agencies related to telecommunication</p> <p><b>【Target Group】</b> (1) be telecommunication engineers who are currently working in telecommunication network planning, designing and constructing (2) be college or university graduates who majored in telecommunication, electrical engineering, or electronics, or those who have equivalent technical knowledge (3) be younger than the age of 50 (4) have more than 3 years' experience in the area mentioned in (1)</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Apr.23.2008～Jun.26.2008</p>
<p>(1) Outline of Telecommunication Network, Demand Forecasting, Outline of NTT, Outline of Outside Plant, Signaling System and Quality Control (2) Metallic Design, Optical Design, Cable System and Radio System (3)Optical IP access service, LAN construction, LAN construction, VoIP and ADSL (4) RSBM, Optical Connection, visiting research institutions (5) Formulation of diffusion plan utilizing the knowledge and skills learn in Japan (6) Implementation of diffusion plan after returning to home countries</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>NTT West-Kyushu Corporation</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	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 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. - Age: From 25 years old to 40 years old - University graduates or equivalent - Having 3 to 7 years of working experience of dissemination and enlightenment or of production of video program.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.13.2008～Aug.29.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1)Instructional design,Adult leaning theory,Introduction to audio visual media, Case study of media application in JICA projects (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, Basic and application knowledge of animation, Exercise of producing digital video materials (4)Workshop(Planning, designing, producing and evaluating digital video materials and dissemination/enlightenment program), Formative Evaluation, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan International Cooperation Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>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.</p>



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for assistance to people in rural areas, will be able to plan and realize media strategies for sharing of knowledge among people in rural, transference of technologies to them 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 explain basic theories for IEC (Information, Education, Communication) activities (3) To use human skills in education, dissemination and/or enlightenment (4) To explain basic knowledge and use basic skills for producing materials in various media. (5) To explain awareness and findings from case studies of education/enlightenment activities in Japan and developing countries (6) To make an Action Plan to disseminate knowledge, skill and awareness through the Workshop of final educational material production (Web contents) and planning an dissemination /enlightenment program with such a material.</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 community enlightenment and planning and production of the media in a governmental or public organization. - Age: From 25 years old to 40 years old - University graduates or equivalent - Having 3 to 7 years of experience of planning and management of community enlightenment or of production of community enlightenment media.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep.2.2008~Dec.26.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1) Instructional Design Basics, Instructional System Design, Motivation and Behavior Change, Multimedia Introduction, Media Literacy (2) Media for Public Relations and Enlightenment, Community Involvement Approach, Media Campaign (3) Communication skill, Presentation skill, Facilitation skill (4) Digital Video Shooting and Editing, Digital Photo Shooting, FLASH Animation, Production of Printed Materials, Web Contents Production on ISD Model (5) Use of Multimedia, Use of Various Media (6) Workshop (Planning, designing, producing and evaluating Web contents and dissemination/enlightenment program), Formative Evaluation, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Japan International Cooperation Center</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>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.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Solutions for Issues on planning and management on ICT projects for realization of computerization strategy in ministries and/or agencies in a central government and/or local government authorities will be directed.</p> <p><b>【Outputs】</b>                      (1) To explain collective knowledge on e-Government promotion in developing countries.                      (2) To use personal skills in team-working at a IT project.                      (3) To explain and practice Project Management Body Of Knowledge(PMBOK) according to the flow of a IT project.                      (4) To formulate an Action Plan to solve issues on management of a IT project, with knowledge, skill and awareness through the Workshop.</p>	<p><b>【Target Organizations】</b>                      Ministries and agencies in central government and/or local government authorities</p> <p><b>【Target Group】</b>                      - Management of a ICT development project in an organization.                      - Age: Under 45 years and over 30 years old.                      - University graduates or equivalent.                      - Having an experience either as an IT architect/system analyst for 5 years, or an experience as a project manager for 2 years.</p>	
<p align="center"><b>CONTENTS</b></p>	<p align="center"><b>PROGRAM PERIOD</b></p>	<p>Mar.10.2009～Jun.26.2009</p>
<p>Followings are subjects provided for each output mentioned above:                      (1) E-Government outline, EA (Enterprise Architecture), BPR (Business Process Re-engineering) methodology                      (2) Leadership training, Negotiation skills, Presentation skills for dissemination                      (3) Project Management, Project planning, Quality Control, Risk management                      (4) Workshop, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Fujitsu Limited</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.</p>

WEB APPLICATION DEVELOPMENT (OPEN SOURCE) FOR E-GOVERNMENT PROMOTION 電子政府推進のためのWebアプリケーション開発(オープンソース系)		GROUP  0880023
		Information and Communication Technology—Information and Communication Technology
		9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Solutions for issues on application designing/development by using Web Technologies of Open Source Software in a system development which realizes an information strategy in ministries and/or agencies in a central government and/or local government authorities will be directed.</p> <p>【Outputs】 (1) To explain collective knowledge on e-Government promotion. (2) To use personal skills in team-working in a IT project. (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 on development of Web application system on Open Source Software platform, with knowledge, skill and awareness through the Workshop.</p>	<p>【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities</p> <p>【Target Group】 - Officers in charge of Web application development with open source software. - Age: Under 35 years old. - University graduates or equivalent. - Having 2 years work experiences of application development. - Having basic knowledge of Linux.</p>	
CONTENTS	PROGRAM PERIOD	Jan.6.2009～Jun.25.2009
<p>Followings are subjects provided for each output mentioned above: (1) E-Government outline, EA (Enterprises Architecture), BPR (Business Process Reengineering) methodology (2) Leadership training, Negotiation skills, Presentation skills for dissemination (3) Structurizing Analysis Design, Object-Oriented Analysis Design, Web site Interface Design, (4) Linux and System Construction Basics, PHP Programming and Database Application Development, MySQL Construction and Operation, Software Testing (5) Workshop, Action Plan</p>	IMPLEMENTING PARTNER	Fujitsu Limited
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008～2010
	REMARKS	Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to recommend/advise for computerization strategies from a viewpoint of database management, implement database portions in projects as planned under such strategies and maintain such database systems regularly as scheduled in daily operation.</p> <p><b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use human skills in team-working at a project. (3) To make a conceptual design, logical design (data modeling), physical design of a database. (4) To construct a database. (5) To operate and administrate a database. (6) To formulate an Action Plan based on knowledge, skill and awareness through the Workshop.</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 database management in an organization - Age: Under 35 years old. - University graduates or equivalent. - Having 3 to 5 years work experiences as applications or database specialists - Having basic knowledge of Linux.</p>	
<p align="center"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.13.2009~Jun.11.2009</p>
<p>Followings are subjects provided for each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Open Source Software, Security Basics, Project Management, Object-Oriented Analysis (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Database Design, Reliability Design, Workshop (4) Linux, Database Basics, Database Comparison, Database Construction, Programming, Database Application Development, Software Test (5) Performance Design, Database Tuning, Database Back-up Recovery, Data Migration (6) Workshop, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Fujitsu Limited</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Okinawa</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Training participants, who work for computerization of ministries and/or agencies in a central government and/or local government authorities, will be able to recommend and advise to computerization strategies from a viewpoint of information security or to formulate information security policies pararely to computerization strategies, and assure whether information resource is secured according to such strategies and policies</p> <p><b>【Outputs】</b> (1) To explain collective knowledge on e-Government promotion. (2) To use personal skills in team-working at a project. (3) To explain a framework of information security. (4) To construct and operate a security system on a computer network. (5) To formulate an Action Plan based on knowledge, skill and awareness through the Workshop.</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 security management in an organization. - Age: Under 35 years old. - University graduates or equivalent. - Having 3 to 5 years work experiences as applications or network specialists</p>	
<p align="center"><b>CONTENTS</b></p>	<p align="center"><b>PROGRAM PERIOD</b></p>	<p>Aug.5.2008~Dec.13.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1) e-Government Introduction, Enterprise Architecture(EA), Open Source Software, Security Basic, Project Management (2) Leadership, Negotiation, Proposal Documentation, Presentation for Dissemination (3) Information Security Policies and Standards, Construction of Information Security Management System (ISMS), Information Security Audit, Risk Analysis on Information Security (4) Linux, Network basics, Internet Servers Construction, Network Security, Firewall Construction, Measures against illegal access (5) Workshop, Action Plan</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>Fujitsu Limited</p> <p><b>JICA CENTER</b></p> <p>JICA Okinawa</p>	<p><b>COOPERATION PERIOD</b></p> <p>2008~2010</p>
	<p align="center"><b>REMARKS</b></p>	<p>Based on the training contents of all outputs, participants will make action plan for solution creation during Core Phase in Japan.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The broadcasting digitalization and the maintenance management of digital broadcasting equipments are implemented effectively in the TV broadcasting station in the developing country.</p> <p><b>【Outputs】</b> (1) 1. At the end of the program unit, participants are able to explain the outline of digital technology and the broadcasting system which makes use of advantages of digital broadcasting. (2) 2. At the end of the program unit, participants are able to understand the high quality and efficient program production technics which are applied digital technology. (3) 3. At the end of the program unit, participants are able to acquire practical skills of periodic maintenance for broadcasting equipments, especially VTR's by using relevant service manuals. (4) 4. At the end of the program unit, participants are able to make a proposal (Action Plan) to suggest the effective operation method of digital broadcasting and rational maintenance management method of digital equipments. (5) 5. After returning within the due date of submission of the Final Report, the proposal (Action Plan) made by participant is shared in the organiation and discussed towards the realization and implementation.</p>	<p><b>【Target Organizations】</b> Broadcasting organizations and its related governmental organizations in developing countries</p> <p><b>【Target Group】</b> -Engineers, working at broadcasting organizations who are in a position of leader of section or equivalent rank -Have practical experience in TV engineering -College or university graduates or have an equivalent technical knowledge of electronic engineering and having fundamental knowledge about digital engineering theory -Under forty (40) years of age, in principle</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jul.8.2008～Sep.13.2008</p>
<p>(1) Outline of Digital broadcasting in Japan High definition television technology / Multi-channel service(several program transmission with one channel)/Multi-languauge broadcasting/Data Broadcasting /Services for mobile divices(one-segment system)/Digital Radio (2) Program production using low-cost and high quality digital equipment (non-linear editing, DAW, HDV camera) Latest production techniques (5.1 surround audio, outside broadcasting technique) (3) Importance and necessity of periodic maintenance./ Explanation of overall configuration for the major part of concerned equipments./ How to use relevant tools and measurement equipment to carry out the maintenance./ Hands-on trainings to obtain actual skill of the maintenance. (4) Digital theory / Digital transmissster Optimum maintenance works of studio equipment and to get longer life of the equipment./ Overall understanding of MMP approach to the maintenance./ Analysis of work flow formaintenance division at the organization/ MMP software to apply to daily jobs (5) Presentation of proposal(Action Plan) in participants' organization/ Preparation for the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>NHK Communications Training Institute, Sony Corporation</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants make a "Project Proposal" for rural telecommunication network in a rural area of their respective countries.</p> <p>To achieve the above Program Objective, participants are expected;</p> <ol style="list-style-type: none"> <li>1) To overview the current condition and identify the issues of rural telecommunication network in their respective countries,</li> <li>2) To acquire good understanding of theories essential for rural telecommunication development,</li> <li>3) To acquire good understanding of various mode and technologies of rural telecommunication and thereof to be able to formulate the development plan suitable for the specific topography, and</li> <li>4) To make a project proposal of network development of the model area in their respective countries with due consideration of the feasibility.</li> </ol>	<p>Eligible / Target Organization: This program is offered to governmental/semi-governmental organizations in charge of telecommunications development* in rural areas. * satellite, optical fiber, wireless, cellular, mobile etc.</p> <p>Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must;</p> <ol style="list-style-type: none"> <li>(1) be in charge of outside plant network planning or be expected to become in the near future,</li> <li>(2) have more than five (5) years experience of network management in principle,</li> <li>(3) be university graduates specialized in telecommunications or equivalent,</li> <li>(4) be under fifty (50) years of age in principle.</li> </ol>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Aug. 5. 2008~Sep. 27. 2008
<p>Preliminary Phase:</p> <ol style="list-style-type: none"> <li>(1) Submission of Inception Report, including information below; <ol style="list-style-type: none"> <li>1-1. Existing telecommunication infrastructures and ongoing projects in rural areas,</li> <li>1-2. A model rural area in their countries decided by organization, and</li> <li>1-3. Problems / issues in the model rural area</li> </ol> </li> <li>(2) Self-education of the basic theory of rural telecommunication networks; <ol style="list-style-type: none"> <li>2-1. Experience of rural telecommunication development and its current trends, and</li> <li>2-2. Telephone traffic theory and microwave link path design</li> </ol> </li> </ol> <p>Core Phase in Japan:</p> <ol style="list-style-type: none"> <li>(1) Complementary lectures of self-education</li> <li>(2) Network planning exercises <ol style="list-style-type: none"> <li>2-1. Learning rural telecommunications systems and its characteristics,</li> <li>2-2. Learning power supply systems for rural telecommunications, and</li> <li>2-3. Drill in network planning for various rural areas</li> </ol> </li> <li>(3) Submission of Interim Report, a draft of "Project Proposal for rural telecommunication infrastructure", considering issues below; <ol style="list-style-type: none"> <li>3-1. Lectures for funding for rural telecommunication development,</li> <li>3-2. Exercise for problem analysis using PCM (Project Cycle Management), and</li> <li>3-3. Lecture for feasibility study</li> </ol> </li> </ol> <p>Finalization Phase: Submission of Final Report, "Project Proposal for rural telecommunication infrastructure"</p> <ol style="list-style-type: none"> <li>1. Reporting an Interim Report and obtaining feed-back,</li> <li>2. Gathering information which was insufficient, and</li> <li>3. Finalizing the Final Report</li> </ol>	<b>IMPLEMENTING PARTNER</b>	THE ITU ASSOCIATION OF JAPAN, INC.
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2005~2009
	<b>REMARKS</b>	Cooperation from organizations is necessary, particularly during the Preparatory phase and Post-program activities. Remarkable proposals may be able to be supported by follow-up cooperation, if the participant and his/her organization are also willing.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Program Objective The objective of this program is to introduce Japan's trends and experiences in policy, system, business and advanced technologies of broadcasting sector. Participants are expected to deepen their understanding of them.</p> <p>Output Regarding the current situation of administration and business matters of Japanese TV broadcasting and technological trend in the area, the participants will; 1. summarize a proposal as a group in the form of Minutes of Discussion by sharing their knowledge and experiences concerning the abovementioned matters in the discussion. 2. make an individual report on policies which can be applied to solve the problems in each country</p>	<p>(1) Director-General or equivalent high ranking officials of the public telecommunication sector in governmental organizations (2) Executives of telecommunication carriers</p> <p>Participants should be executive level personnel.</p>	
<p>CONTENTS</p>	PROGRAM PERIOD	Nov. 9. 2008~Nov. 21. 2008
<p>- Major aspects of Japan's broadcasting policy sector. - Trends of Terrestrial digital TV broadcasting - Observation to digital broadcasting equipments/facilities.</p>	IMPLEMENTING PARTNER	Telecommunications Bureau, Ministry of Internal Affairs and Communications
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The objective of this program is 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. (1) The participants shall deepen their understanding of three important issues below, discuss among them on "the roles that the regulating authorities should play in order to realize the universal service", and summarize their shared views and proposal into the minutes of discussion. a. To learn the theory of telecommunications policies, and understand the ideal situation of policymaking and regulation, b. To understand the roles of the regulating authority in the competitive market, and sort out the relevant issues, c. To understand the business strategies of telecommunications carriers in the competitive market, and consider how the regulating policies should be, (2) Respective participants shall draw up an Action Plan which describes what they should do specifically after return home for the problems they face in their duties.</p>	<p>Eligible / Target Organization: This program is offered to governmental organizations in the field of telecommunications. Nominee Qualifications: (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 governmental organization(s) in charge of telecommunications and have sufficient knowledge of the telecommunications sector, (3) be a graduate of university or the equivalents (4) thirty five (35) - fifty (50) years of age, in principle.</p>		
<p>CONTENTS</p>	PROGRAM PERIOD	June 15. 2008~July 5. 2008	
<p>Preliminary Phase: (1) Study pre-training materials which will be sent in advance (2) Formulation of Country Report</p> <p>Core Phase in Japan: (1) Japanese case study of telecommunication policies and regulations (Lecture) (2) The role of administrative organizations in competition (Lecture, Discussion) (3) Business strategies of telecommunications carriers (Lecture, Discussion) (4) Trials of local governments and support from central government (Observation) (5) Discussion on the "Universal service of Telecommunication"</p>	IMPLEMENTING PARTNER	Foundation for MultiMedia Communications	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Countries that plan to privatize or have already privatized state-run enterprises are preferable.	



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Director general level executives in charge of postal service policies will sort out their thoughts regarding problems associated with the diversification of postal services in their home countries.</p> <p>To attain the objective, participants are expected to achieve the following results:</p> <p>(1) To exchange opinions among themselves and the people concerned with regard to better postal services and share recognition and suggestions with them to sort out common problems.</p> <p>(2) To make a reform plan individually which includes measures and policies to solve postal service problems in their respective countries.</p>	<p>Director generals or above who are engaged in policy making in the postal service sector, or executive managers of organizations responsible for postal services, or their equivalent.</p>	
CONTENTS	PROGRAM PERIOD	Feb.9.2009~Feb.21.2009
<p>1. Postal System 2. Postal Service Management 3. Promotion of Mechanization and Information Technology 4. Postal Service 5. Privatization of Postal system Observation of the Post Office 6. Reform Plan</p>	IMPLEMENTING PARTNER	JAPAN POST Service.co., LTD (Tentative)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	