8.Information and Communication Technology

IP Network Building and Monitoring Technology IPネットワークの構築・監視技術		GROUP ♀ 0980002
	Information and Communication Technology—Information and Communication Technology	
	6 participants ★／	English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objective】 The development of engineers needed for promotion of the future use of broadband and dissemination and/or application of the knowledge and technology of IP network in participating nations 【Outputs】 (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 for promotion of the future use of broadband and dissemination and/or applicatin of the knowledge and technology.	【Target Organizations】 Organizations in charge of network infrastructure and basic design, installation and maintenance 【Target Group】 (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 and/or utilize knowledge and technology acquired from this training course after returning to their countries

CONTENTS	PROGRAM PERIOD	May.10.2009 ～ Jul.11.2009
【Preliminary Phase in a participant's home country】 Submit a job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest, etc. 【Core Phase in Japan】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.) (5) Formulation of an action plan for dissemination and/or application of the knowledge and technology of IP network. 【Finalization Phase in a participant's home country】 Submit a progress report.	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 course will be implemented twice for JFY 2009. The second one is scheduled from Oct.4.2009 to Dec.5.2009.

Chief Information Officer (CIO) for E-Government Promotion (A) 電子政府推進のための情報化戦略責任者(CIO)養成(A)		GROUP ♀ 0980012
	Information and Communication Technology—Information and Communication Technology	
	5 participants ／	English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 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. 【Outputs】 (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.	【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities 【Target Group】 - 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.14.2009 ～ Oct.27.2009
⟨Preparatory phase(Bevore coming to Japan)⟩ Preliminary Study Sheet describing present job activities,issues at own organization,and tentative analysis for solution of identified issues is developed. ⟨Program in Japan⟩ 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	

Chief Information Officer (CIO) for E-Government Promotion (B)
電子政府推進のための情報化戦略責任者(CIO)養成(B)

GROUP 〔 Ψ 〕　0980013

Information and Communication Technology－Information and Communication Technology

8 participants 　／　 English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 Training participants, who lead comuterization 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. 【Outputs】 (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.	【Target Organizations】 Ministries and/or agencies in central government and/or local government authorities 【Target Group】 − 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.12.2010 〜 Apr.22.2010
<Preparatory phase(Bevore coming to Japan)> Preliminary Study Sheet describing present job activities,issues at own organization,and tentative analysis for solution of identified issues is developed. <Program in Japan> 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	

IP Network Engineer for E-Government Promotion
電子政府推進のためのIPネットワーク技術者育成

GROUP 〔 Ψ 〕　0980052

Information and Communication Technology－Information and Communication Technology

6 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	[Target Organizations] Telecommunication offices within ministries, Public Educational organizations, Telecommunication departments within public organizations [Target Group] ・IP network engineers with more then 3years of practical experience ・IP network engineers who is in charge of network design, construction and administration for promotion of E-government. ・University graduates or equivalent

CONTENTS	PROGRAM PERIOD	Aug.24.2009 〜 Nov.18.2009
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 ⚡ 0980197
		Information and Communication Technology—Information and Communication Technology
		3 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
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. The purpose of this program is to enable participants to use the Internet within their organizations beneficially. To reach the objective, participants are expected to achieve the following: 1. To learn the fundamental skills of Internet applied technology 2. To grasp trends in the solution business	[Target Organization] Ministry in charge of IT Governmental telecommunication and telephone companies [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

CONTENTS	PROGRAM PERIOD	May.18.2009 ～ Jul.1.2009
Lectures/practices in topics below. 1. Basic Knowledge of Network 2. LAN (Local Area Network) 3. Broadband Network Technology 4. Internet Application Service 5. Ubiquitous Technology 6. E-Japan (Internet Utilized Technology) Business Trip will be conducted in the training program to learn about Japanese telecommunication technology.	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 ⚡ 0980716
		Information and Communication Technology—Broadcasting
Target Countries：Countries with 5 or less terrestrial channels		10 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
Objective: The course is intended to help the participants raise the production level of documentary programs. 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.	(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

CONTENTS	PROGRAM PERIOD	Jan.20.2010 ～ Mar.7.2010
To learn the method of Documentary TV program production. 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 Exercise: Documentary TV program production(deviled into two team) Observation: visit broadcasting center.	IMPLEMENTING PARTNER	NHK COMMUNICATIONS TRAINING INSTITUTE
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006～2010
	REMARKS	

⚡: Learning Program, 👥: Diffusion Program, ◉: Solution Program, 🌐: International Dialogue Program

Satellite Communications Engineering 衛星通信技術		GROUP ⚡ 0980945
	Information and Communication Technology—Information and Communication Technology	
	4 participants ╱	English

OBJECTIVE	TARGET ORGANIZATION / GROUP
Objective To enhance the expertise of the satellite communication engineers regarding planning and designing of satellite telecommunication backbones Outputs To achieve the above Program Objective, expected outputs are as follows: (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.	(1) Engineers /technicians currently engaged in the field of satellite communications, such as planning, designing and/or operational management As the program 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

CONTENTS	PROGRAM PERIOD	May.6.2009 ～ Jun.20.2009
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 Practice Group Discussion on Simulating an Earth Station Construction Presentation of Discussion Result Technical Observation Action Plan Presentation	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 ⚡ 0980946
	Information and Communication Technology—Information and Communication Technology	
	3 participants ╱	English

OBJECTIVE	TARGET ORGANIZATION / GROUP
Objective: This program aims to help the participants to acquire knowledge /techniques necessary for network design of optical fiber cables. Output: To achieve the above Program Objective, 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.	Eligible / Target Organization: This program is designed mainly for governmental organizations in charge of optical cable networks and optical fiber cable communications carriers. Nominee Qualifications: (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) Age: Under 40 years of age, in principle.

CONTENTS	PROGRAM PERIOD	Nov.9.2009 ～ Dec.12.2009
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 & maintenance technology 5) Upgrading network system 6) Basic design (Node design for terrestrial terminal station, Design exercise) 7) Discussions on Action Plan	IMPLEMENTING PARTNER	KDDI ENGINEERING AND CONSULTING, INC.
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005～2009
	REMARKS	

⚡ : Learning Program, 👫 : Diffusion Program, ◉ : Solution Program, 🌐 : International Dialogue Program

Telecommunications Standardization
電気通信標準化

GROUP ☃ 0980967

Information and Communication Technology－Information and Communication Technology

5 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
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. Output: To achieve the above Program Objective, participants are expected; (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.	Target Organization: Competent ministry in charge of telecommunications administration or department of a public organization in charge of telecommunications standardization Nominees must; (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 a engineer in public telecommunications organization. (3) be preferably engaged in telecommunications standardization.

CONTENTS	PROGRAM PERIOD	Feb.2.2010 ～ Mar.6.2010
This program is composed of lectures, discussions and observations. The main topics are as follow: (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.	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 ☃ 0980989

Information and Communication Technology－Information and Communication Technology

Target Countries：Malaysia, Botswana, Commonwealth of Dominica, Rwanda

4 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
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.	(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)

CONTENTS	PROGRAM PERIOD	Oct.5.2009 ～ Nov.28.2009
The main themes are: (1) Problem analysis by Issue Analysis Work shop (2) Informatization trend in Japan (administrative evaluation of local governments, security) (3) Introduction of the e-Japan Priority Policy Program, the national project (IT policy of Japan, local government information systems) (4) Human resource development schemes for informatization, research institutes with new information and telecommunications technology) (5) Acquire knowledge on management to implement the informatization project (6) Understanding the structure, utilization and effect of the GIS system, disaster prevention system and mobile communication system (7) Administrative support for venture business and measures for the multimedia industrial base (8) Preparation and presentation of an action plan	IMPLEMENTING PARTNER	KANSAI INSTITUTE OF INFORMATION SYSTEMS AND INDUSTRIAL RENOVATION
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2005～2009
	REMARKS	

IT HUMAN RESOURCE DEVELOPMENT PROGRAM FOR SOUTHWEST ASIAN AND THE PACIFIC COUNTRIES
南西アジア・大洋州地域 IT人材育成

R/F 0984094

Information and Communication Technology－Information and Communication Technology

Target Countries：Southwest Asia and The Pacific Countries

8 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		
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	PROGRAM PERIOD	Nov.24.2009 ～ Feb.13.2010
	IMPLEMENTING PARTNER	Sapporo IT Front （NPO）
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006～2010
	REMARKS	

Management Information Strategy (Master of Arts)(No implementation in JFY21)
経営情報戦略(長期)(21年度休止)

L/T 0981150

Information and Communication Technology－Information and Communication Technology

0 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 Training participant will be able to develop computerization strategies under administraion and management theories, based on infomation science. 【Outputs】 Training participant will be able to: （1）Explain the theories related to Adminstration, Orgnizational 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 orgnizational mission.	【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities 【Target Group】 - Executive trainee - Individuals with minimum two years experiences in the information system division of pubulic agencies - Under 35 years old - University graduate or equivalent - Having fine command of English

CONTENTS		
（1）Management Cultures, Management Strategy, Human Resources Management, Compartive 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	PROGRAM PERIOD	March.2009～March.2011
	IMPLEMENTING PARTNER	Graduate school of Meio University
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008～2010
	REMARKS	

: Learning Program, : Diffusion Program, : Solution Program, : International Dialogue Program

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 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. 【Outputs】 (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.	【Target Organizations】 Ministries and agencies in a central government and/or local government authorities 【Target Group】 - 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.

CONTENTS	PROGRAM PERIOD	Jul.21.2009 ～ Dec.17.2009
〈Preparatory phase(Bevore coming to Japan)〉 Preliminary Study Sheet describing present job activities,issues at own organization,and tentative analysis for solution of identified issues is developed. 〈Program in Japan〉 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 〈Post-program activities(After paticipants' return〉 Within 12 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	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 about enlightenment of technical knowledge and skills during Core Phase in Japan.

❗ : Learning Program, 👥 : Diffusion Program, 👁 : Solution Program, 🌐 : International Dialogue Program

ICT Coordinator training for utilizing "Information Community (Tele-Center)" towards the dissolution of Digital Divide デジタルデバイド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 👪 0980069 Information and Communication Technology －Information and Communication Technology 6 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 Training Plan for ICT Application Coordinator who is capable of establishing ICT application model is formulated by the participant's organization in line with the current condition of each community. 【Outputs】 1) Participants will formulate the Job Reports on present condition and effort to the dissolution of digital divide issues and their own line of business in their organization 2) Participants are to use internet and to make basic HTML as a basic knowledge for ICT Application Coordinator 3) Participants are to formulate ICT application models in line with the current condition of each community through case study of solution on a sectoral basis 4) Draft Training Plan for ICT Application Coordinator is formulated 5) Feasibility of Draft Training Plan for ICT Application Coordinator is studied and Final Training Plan is formulated by Participant's organization	【Target Organizations】 Organization which has established/ will establish "Information Community (Tele-Center) in their country/ community 【Target Group】 1) Current Duties: Civil servant employed by the national/ local government and NGO staff who occupy(will occupy) a position of leadership in ICT Application Coordinator and are possible to train ICT Application Coordinators in "Information Community (Tele-Center)" towards the Dissolution of Digital Divide. 2) Experience in the relevant field: Use computer on daily basis, Knowledge of MS Power Point 3) Age：be under forty-five (45) years of age 4) Language：have a competent command of spoken and written English

CONTENTS	PROGRAM PERIOD	Jan.21.2010 ～ Mar.6.2010
(1) Job Report Presentation, Introductory Lectures (2) Basic technologies for Internet, Basic Basic technologies for HTML (3) Case Study of solution on a sectoral basis (such as agriculture and regional development, disaster prevention, education and public welfare services), Formulation of ICT Utilization Models (4) Formulation of draft training plan (5) Discussion and Finalization of Training Plan, Submission of final report to JICA regional Office	IMPLEMENTING PARTNER	NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008～2010
	REMARKS	

👆 : Learning Program, 👪 : Diffusion Program, 👁 : Solution Program, 🌐 : International Dialogue Program

Information, Education and Communication (IEC) in Health Sector
保健医療分野におけるIEC活動

GROUP 👥　　0980075

Information and Communication Technology－Information and Communication Technology

11 participants ★／　　English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 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. 【Outputs】 (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	【Target Organizations】 Ministry or agency of health and/or a health department in local governments 【Target Group】 － 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

CONTENTS	PROGRAM PERIOD	Sep.1.2009 ～ Dec.16.2009
<Program in Japan> 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 <Post-program activities(After paticipants' return> Within 6 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	IMPLEMENTING PARTNER	Japan International Cooperation Center
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008～2010
	REMARKS	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. This seminar will be implemented twice for JFY 2009.The second one is scheduled from Jan.12.2010 to Apr.22.2010 in the same content.

👤 : Learning Program, 👥 : Diffusion Program, 👁 : Solution Program, 👤 : International Dialogue Program

Target Countries：countries under reconstruction

4 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP

OBJECTIVE

【Program Objective】
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.

【Outputs】
(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

TARGET ORGANIZATION / GROUP

【Target Organizations】
Government or public organization for telecommunication

【Target Group】
−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)

CONTENTS		

CONTENTS

(1) Demand Forecast
Macro Demand Forecast
Micro Demand Forecast

(2) Telecommunication Network Configuration Plan
Hierarchy of Telephone Network
Signaling Plan/Common, Channel Signaling System
Traffic Forecast(Traffic Theory)
Circuit Calculation

(3) Transmission Network Planning
Transmission Radio Network Planning
Transmission Line (Metallic Cable/Optical Fiber Cable) Network Planning

(4) Access Network Planning
Outline of Outside Plant/Remote Subscriber Module(RSBM)
Designing of Outside Plant (Metallic Cable/Optical Fiber Cable)
Practice of Optical Fiber Splicing (Connecter/Melting Splice)
Outline of ADSL
Outline of VoIP

(5) Project Planning and Evaluation Tender
Feasibility Study
Evaluation of Tender

PROGRAM PERIOD	Jan.7.2010 ～ Mar.6.2010
IMPLEMENTING PARTNER	NTT West-Kyushu
JICA CENTER	JICA Kyushu
COOPERATION PERIOD	2008～2010
REMARKS	

: Learning Program, : Diffusion Program, : Solution Program, : International Dialogue Program

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 ♛	0980319
	Information and Communication Technology—Information and Communication Technology		
		12 participants ／	English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objective】 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. 【Expected Results】 To achieve this program objective, participants are expected in his/her countries and Japan; 1. To understand the importance of internet and to be able to use it for social development 2. To operate a computer as a system for sending and managing the information by connecting to the network and to understand the importance of information, and to be able to manage and share systematically 3. To maintain and develop the information system by utilizing open source software 4. To develop a content using CMS 5. To share the action plan within the participant's organization	【Target Organizations】 Central/local government organization/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. 【Target Group】 ・The staff members of central/local government organization/departments ・At least 3 years experience

CONTENTS	PROGRAM PERIOD	Aug.30.2009 ～ Oct.31.2009
【Preliminary phase (activities in the participants' home country)】 Preparation of an Inception Report. 【Core Phase (activities in Japan)】 1. Presentation: Utilization of internet and issues Discussion: Utilization on internet issues 2. Lecture: the present status of ICT, information security, and, information management Observation: Information processing sites. 3. Lecture: Utilizing operating system and internet server Exercise: Utilizing operating system and internet server Lecture: Utilization of Operation system and internet server Exercise: Utilization of operation system and internet server Lectures: CMS including examples of good practice 4.Exercise for developing information portal site by open source CMS「Plone」 Exercise: Making the Interim Report (includes action plans for transferring CMS technologies in his/her organization and the outputs through this program in Japan) 【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	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
【Program Objective】 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. 【Outputs】 (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 understand the 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	【Target Organizations】 Telephone companies, telecommunication companies and agencies related to telecommunication 【Target Group】 (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)

CONTENTS	PROGRAM PERIOD	May.11.2009 ～ Jul.4.2009
(1) Basic Knowledge of Telecommunication network -Telecommunication Network -Access Network -Maintenance -Quality Control (2) Plan-Making and Designing -Transmission Line Network Planning (Cable System, Radio System) -Access Network Planning (Metallic Design, Optical Design) (3)IP Technology -LAN Construction -VoIP (4) Current Trend of Telecommunication facilities -NTT basic -NTT Docomo -NEC showroom -Mobile View Docomo -Optical Cable factory -Nissan Kyushu factory (5) Formulation of diffusion plan utilizing the knowledge and skills learn in Japan (6) Implementation of diffusion plan after returning to home countries	IMPLEMENTING PARTNER	NTT West-Kyushu Corporation
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008～2010
	REMARKS	

👤: Learning Program, 👥: Diffusion Program, 👁: Solution Program, 🌐: International Dialogue Program

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 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. 【Outputs】 （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.	【Target Organizations】 Ministries and/or agencies in central government and/or local government authorities 【Target Group】 － 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.

CONTENTS	PROGRAM PERIOD	May.12.2009 ～ Aug.28.2009
＜Program in Japan＞ 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 ＜Post-program activities(After paticipants' return＞ Within 6 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	IMPLEMENTING PARTNER	Japan International Cooperation Center
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008～2010
	REMARKS	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.

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 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. 【Outputs】 （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.	【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities 【Target Group】 − 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.

CONTENTS		
<Program in Japan> 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 <Post-program activities(After paticipants' return> Within 6 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	**PROGRAM PERIOD**	Aug.25.2009 ～ Dec.18.2009
	IMPLEMENTING PARTNER	Japan International Cooperation Center
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2008～2010
	REMARKS	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.

❗: Learning Program, 👥: Diffusion Program, 👁: Solution Program, 🌐: International Dialogue Program

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 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. 【Outputs】 (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.	【Target Organizations】 Ministries and agencies in central government and/or local government authorities 【Target Group】 - 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.

CONTENTS		
<Preparatory phase(Bevore coming to Japan)> Preliminary Study Sheet describing present job activities,issues at own organization,and tentative analysis for solution of identified issues is developed. <Program in Japan> 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 <Post-program activities(After paticipants' return> Within 12 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	**PROGRAM PERIOD**	Mar.9.2010 ～ Jun.25.2010
	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.

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 👁 0980023
Information and Communication Technology-Information and Communication Technology
7 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【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. 【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.	【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities 【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.

CONTENTS		
<Preparatory phase(Bevore coming to Japan)> Preliminary Study Sheet describing present job activities,issues at own organization,and tentative analysis for solution of identified issues is developed. <Program in Japan> 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 <Post-program activities(After paticipants' return)> Within 12 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	PROGRAM PERIOD	Jan.5.2010 〜 Jun.24.2010
	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.

👤 : Learning Program, 👥 : Diffusion Program, 👁 : Solution Program, 🌐 : International Dialogue Program

GROUP 👁 0980071

Information and Communication Technology－Information and Communication Technology

6 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 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. 【Outputs】 (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.	【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities 【Target Group】 - 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.

CONTENTS	PROGRAM PERIOD	Jan.19.2010 〜 Jun.17.2010
〈Preparatory phase(Bevore coming to Japan)〉 Preliminary Study Sheet describing present job activities,issues at own organization,and tentative analysis for solution of identified issues is developed. 〈Program in Japan〉 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 〈Post-program activities(After paticipants' return〉 Within 12 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	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 Security for E-Government Promotion 電子政府推進のためのセキュリティ強化	GROUP 👁 0980072

Information and Communication Technology－Information and Communication Technology

9 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 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 pararelly to computerization strategies, and assure whether information resource is secured according to such strategies and policies 【Outputs】 (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.	【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities 【Target Group】 - 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

CONTENTS	PROGRAM PERIOD	Aug.11.2009 ～ Dec.22.2009
⟨Preparatory phase(Bevore coming to Japan)⟩ Preliminary Study Sheet describing present job activities,issues at own organization,and tentative analysis for solution of identified issues is developed. ⟨Program in Japan⟩ 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 ⟨Post-program activities(After paticipants' return⟩ Within 12 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	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
【Objectives】 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. 【Outputs】 (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.	【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities 【Target Group】 - 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).

CONTENTS		
<Preparatory phase(Bevore coming to Japan)> Preliminary Study Sheet describing present job activities,issues at own organization,and tentative analysis for solution of identified issues is developed. <Program in Japan> 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 <Post-program activities(After paticipants' return> Within 12 months of the end of the course in Japan, participants are expected to implement the plan propsed in the Action plan and report the progress as a final report.	**PROGRAM PERIOD**	Jul.7.2009 ～ Dec.16.2009
	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.

👃 : Learning Program, 👪 : Diffusion Program, 👁 : Solution Program, 🌐 : International Dialogue Program

Digital TV Braodcast Engineering and Equipment Maintenance Management デジタルTV放送技術と機器保守管理	GROUP 👁	0980775
	Information and Communication Technology—Broadcasting	
	9 participants ／	English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objectives】 The broadcasting digitalization and the maintenance management of digital broadcasting equipments are implemented effectively in the TV broadcasting station in the developing country. 【Outputs】 (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.	【Target Organizations】 Broadcasting organizations and its related governmental organizations in developing countries 【Target Group】 −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 −Have basic skill of PC operation using Word, Excel, and other software −Under forty (40) years of age, in principle Note: Those who have experience only in radio engineering are not qualified.

CONTENTS	PROGRAM PERIOD	Jul.7.2009 ～ Sep.12.2009
(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 transmisster 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.	IMPLEMENTING PARTNER	NHK Communications Training Institute、Sony Corporation
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008～2010
	REMARKS	

💧: Learning Program, 👥: Diffusion Program, 👁: Solution Program, 🧍: International Dialogue Program

Networking of Rural Community Information Infrastructure
村落情報化基盤整備手法

Information and Communication Technology—Information and Communication Technology

4 participants　／　English

OBJECTIVE	TARGET ORGANIZATION / GROUP
Objective Participants make a "Project Proposal" for rural telecommunication network in a rural area of their respective countries. Output 1) To overview the current condition and identify the issues of rural telecommunication network in their respective countries, 2) To acquire good understanding of theories essential for rural telecommunication development, 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 4) To make a project proposal of network development of the model area in their respective countries with due consideration of the feasibility.	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. Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must; (1) be in charge of outside plant network planning or be expected to become in the near future, (2) have more than five (5) years experience of network management in principle, (3) be university graduates specialized in telecommunications or equivalent, (4) be under fifty (50) years of age in principle.

CONTENTS	PROGRAM PERIOD	Jul.28.2009 ～ Sep.19.2009
Preliminary Phase: (1) Submission of Inception Report, including information below; 　1-1. Existing telecommunication infrastructures and ongoing projects in rural areas, 　1-2. A model rural area in their countries decided by organization, and 　1-3. Problems / issues in the model rural area (2) Self-education of the basic theory of rural telecommunication networks; 　2-1. Experience of rural telecommunication development and its current trends, and 　2-2. Telephone traffic theory and microwave link path design Core Phase in Japan: (1) Complementary lectures of self-education (2) Network planning exercises 　2-1. Learning rural telecommunications systems and its characteristics, 　2-2. Learning power supply systems for rural telecommunications, and 　2-3. Drill in network planning for various rural areas (3) Submission of Interim Report, a draft of "Project Proposal for rural telecommunication infrastructure", considering issues below; 　3-1. Lectures for funding for rural telecommunication development, 　3-2. Exercise for problem analysis using PCM (Project Cycle Management), and 　3-3. Lecture for feasibility study Finalization Phase: Submission of Final Report, "Project Proposal for rural telecommunication infrastructure" 　1. Reporting an Interim Report and obtaining feed-back, 　2. Gathering information which was insufficient, and 　3. Finalizing the Final Report		
	IMPLEMENTING PARTNER	THE ITU ASSOCIATION OF JAPAN, INC.
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005～2009
	REMARKS	Cooperation from organizations is necessary, particularly duing 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.

👤 : Learning Program, 👥 : Diffusion Program, 👁 : Solution Program, 🌐 : International Dialogue Program

ICT Executives' Seminar (Broadcasting) ICT幹部セミナー（放送）		GROUP 🌐 0980952
	Information and Communication Technology－Information and Communication Technology	
	8 participants ／ English	

OBJECTIVE	TARGET ORGANIZATION / GROUP
Objective Executive officials of the TV broadcasting organizations and the competent authorities in the participating countries will contend with their own problems through discussions among the participants after studying the current situation of administration and operation of TV broadcasting in Japan. 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	Eligible / Target Organization: This program is designed for governmental organizations in charge of policy making in the TV broadcasting sector, or public broadcasting organizations Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must fulfill the following; (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.

CONTENTS	PROGRAM PERIOD	Nov.8.2009 〜 Nov.20.2009
Lectures － Development of TV broadcasting in Japan － Current situation and issues of TV broadcasting administration in Japan － Digitalization of terrestrial TV broadcasting － One-segment broadcasting service for mobile devices － ISDB-T (Technology) － Efforts made by Telecommunication Bureau, MIC for promotion of terrestrial digital TV broadcasting Site Visit － Technical Research Laboratories, Commercial TV Broadcaster in Tokyo － Transmission facilities and/or Factories Discussion － Discussion with Japanese experts in the related organizations	IMPLEMENTING PARTNER	Telecommunications Bureau, Ministry of Internal Affairs and Communications
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005〜2009
	REMARKS	This program is for senior officials.

Telecommunications Policy and Regulations 電気通信政策		GROUP 🌐 0980954
	Information and Communication Technology－Information and Communication Technology	
	13 participants ／ English	

OBJECTIVE	TARGET ORGANIZATION / GROUP
Objective 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 Output (1) The participants shall deepen their understanding of three important issues, 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. (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.	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.

CONTENTS	PROGRAM PERIOD	Jun.14.2009 〜 Jul.4.2009
Preliminary Phase: (1) Study pre-training materials which will be sent in advance (2) Formulation of Country Report 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"	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. This program is for senior officials.

Information and Communication Technology－Information and Communication Technology

4 participants ／ English

OBJECTIVE	TARGET ORGANIZATION / GROUP
【Objective】 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. 【Output】 To attain the objective, participants are expected to achieve the following results: (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. (2) To make a reform plan individually which includes measures and policies to solve postal service problems in their respective countries.	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.

CONTENTS		
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	PROGRAM PERIOD	Feb.9.2010 ～ Feb.21.2010
	IMPLEMENTING PARTNER	JAPAN POST Service.Co., LTD
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005～2009
	REMARKS	