TRAINING AND DIALOGUE PROGRAMS

GENERAL INFORMATION ON

Standardization Needed for the Deployment of Telecommunications Infrastructure
集団研修「通信インフラストラクチャの構築のための標準化」
JFY 2011

<Type: Leaders Training / 類型：課題解決促進>
NO. J11-00790 / ID. 1180967
Phase in Japan: From January 10 to February 10, 2012

This information pertains to one of the Training and Dialogue Programs of the Japan International Cooperation Agency (JICA), implemented as part of the Official Development Assistance of the Government of Japan based on a bilateral agreement between both Governments.

I. Concept

Background

Information and communications services have become much more sophisticated and diverse due to the rapid socioeconomic development and technological innovation of recent years. In order to put Information and Communication Technology into practical use it is imperative to create seamless information and communications networks worldwide as well as to utilize the networks, in addition to ensuring efficient operations, interconnectivity and interoperability among networks, not to mention between networks and terminal equipment.

It is therefore essential that all countries around the world come to share a common understanding concerning the trends relating to standardization of information and communications technologies.

For what?

It has become a matter of urgency to develop telecommunications infrastructure in developing countries. However, there are some issues that need to be addressed. This program aims at helping participants analyze issues related to the administration of telecommunications standardization and consider improvement plans to tackle the issues facing their respective countries.

For whom?

This program is offered to administrative officials in charge of information and telecommunications administration or ICT policy planners from government agencies in charge of ICT.

II. Description

1. Title (J-No.): Standardization Needed for the Deployment of Telecommunications Infrastructure (J11-00790)

2. Period of program

Duration of whole program: December 2011 to March 2012

Preliminary Phase: December 2011 to January 2012

(in a participant's home country)

Core Phase in Japan: January 10 to February 10, 2012

Post Training Phase: March 2012

(in a participant's home country)

3. Target Countries: Indonesia, Malaysia, Brazil, Algeria, Zimbabwe

4. Total Number of Participants: 8

5. Language to be used in this program: English

6. Program Objective

To obtain the knowledge needed to make an effective plan or policy to deploy telecommunications infrastructure through understanding standardization trends and the latest telecommunication policies and ICT.

7. Expected Output

I. To meet the above Program Objectives, participants are expected in Japan;

1. To obtain a better understanding of standardization and Japanese policies which are important for constructing telecommunications infrastructure.
2. To gain the ability to improve telecommunications systems and applications in their respective countries through obtaining a better understanding of the latest trends of ICT and application and services on the telecommunications networks.
3. To discuss and analyze issues concerning the deployment of telecommunications infrastructure faced by their respective countries, apply the knowledge they have gained through the training, and plan the activities their organizations should undertake in the future.

II. In participants' home countries, it is also expected that the proposal (Action Plan) made by the participant is shared in the organization and discussed regarding its realization and implementation. Participants are requested to make a Final Report and Submission to JICA Tokyo **by March 25, 2012.**

8. Contents

This program consists of the following components:

Preliminary Phase in a participant's home country December 2011 to January 2012 *Selected participants undertake required preparation for the Program in their respective countries.*	
Modules	Activities
Submission of Country Report	Each participant is required to formulate and submit the Country Report **by January 6, 2012.** ※Each participant is expected to make a 20-minute presentation to share their current situation and issues at the beginning of the core phase in Japan.

Core Phase in Japan January 10 to February 10, 2012 *Participants dispatched by the organizations attend the Program implemented in Japan*		
Expected Output	Contents	Method of Guidance
1. To obtain a better understanding of standardization and Japanese policies which are important for constructing telecommunications infrastructure.	Basic theories on ICT policy and standardization activity on ICTs in Government, Companies and SDO (standard developing organization) of Japan. - Standardization Trends in Telecommunications Network Infrastructure - Telecommunications Policy in Japan - Company's Strategy for Development of ICT Service & Technology and Relation with Standardization Policy Visit a Japanese company to see	Lecture Observation
2. To gain the ability to improve telecommunications systems and applications in their respective countries through obtaining a better understanding of the latest trends of ICT and application and services on the telecommunications networks.	Trends of ICT and applications - Research case examples on ICT and application service - ICT for disaster countermeasures - Contents media service	Lecture
3. To share and analyze issues concerning the deployment of telecommunications infrastructure faced by their respective countries, apply the knowledge they have gained through the training, and plan the activities their organizations should undertake in the future.	Inception Report presentation - Share present situation and respective issues Group Discussion & Presentation of the action plan - Strategy of telecommunication infrastructure deployment	Presentation Practice

NOTE: The above contents are subject to minor changes, if required.

When preparing the Action Plan, it is necessary for the participants to analyze the current situation and problems in the telecommunications sector and its standardization activities. It is, therefore, recommended that participants bring reference materials on telecommunications standardization activities in their own countries.

Post Training Phase in a participant's home country February to March 2012 *Participating organizations produce final reports by making use of results brought back by participants. This phase marks the end of the Program.*	
Output	Activities
Presentation of Action Plan and making a Final Report	The Action Plan made by the participant is shared in the organization and discussed regarding its realization and implementation. Making a Final Report and Submission to JICA in Tokyo are required **by March 25, 2012 .**

III. Conditions and Procedures for Application

1. Expectations for the Participating Organizations

(1) This program is designed primarily for organizations intending to address specific issues or problems identified in their operation. Participating organizations are expected to use this Program for these specific purposes.

(2) In this connection, applying organizations are expected to nominate the most qualified candidates to address the said issues or problems, carefully referring to the qualifications described in section III-2 below.

(3) Applying organizations are also expected to make use of knowledge acquired by the nominees for said purpose.

2. Nominee Qualifications

Applying Organizations are expected to adequately select nominees. Nominees must;

(1) be administrative officials in charge of information and telecommunications administration or ICT policy planners from government agencies in charge of ICT.

(2) preferably be engaged in telecommunications standardization, or deployment of telecommunications infrastructure.

(3) have work experience on information and communications for more than five years (the longer you have work experience the better qualified you are).

(4) be university graduates specialized in communication engineering or electronic engineering, or have the equivalent technical knowledge and experience

(5) be under forty-five (45) years of age, in principle

(6) have a sufficient command of spoken and written English (for group discussions),

(7) be both physically and mentally fit for the training; pregnancy is regarded as a disqualifying condition, and

(8) not be serving in any form of the military.

3. Required Documents for Application

(1) Application Form

The Application Form is available at the respective country's JICA office or the Embassy of Japan.

(2) Nominee's English Score Sheet

If nominees have any official documentation regarding English ability (e.g., TOEFL, TOEIC, IELTS), please attach it (or a copy) to the Application Form.

4. Procedure for Application and Selection

(1) Submitting the Application Documents

Closing date for application to the JICA Tokyo International Center in JAPAN, which organizes this program: **November 25, 2011**

Note: Please confirm the closing date set by the respective countries' JICA offices or Embassies of Japan of your countries to meet the closing date in Japan.

(2) Selection

After receiving the document(s) through due administrative procedures in the respective governments, the respective countries' JICA offices (or Embassies of Japan) shall conduct screenings, and send the documents to the JICA Tokyo International Center. Selection shall be made by the JICA Tokyo International Center in consultation with the organizations concerned in Japan based on submitted documents according to qualifications. Organizations that have the intention of utilizing this program to improve their own related activities will be given priority in the selection process.

(3) Notice of Acceptance

Notification of results shall be made by the respective countries' JICA offices (or Embassies of Japan) to the respective Governments by **not later than December 12, 2011.**

5. Conditions for Attendance:

(1) To observe the schedule of the program,

(2) Not to change the program subjects or extend the period of stay in Japan,

(3) Not to bring any family members,

(4) To return to their home countries at the end of the program in Japan according to the travel schedule designated by JICA,

(5) To refrain from engaging in political activities or any form of employment for profit or gain,

(6) To observe Japanese laws and ordinances. If there is any violation of said laws and ordinances participants may be required to return part or all of the training fees depending on the severity of said violation.

(7) To observe the rules and regulations of their place of accommodation and not to change

the accommodation designated by JICA, and

(8) To participate in the whole program including a Preliminary Phase prior to the program in Japan. Applying organizations, after receiving a notice of acceptance for their nominees, are expected to carry out the actions described in section II-8.

IV. Administrative Arrangements

1. Organizer: JICA Tokyo International Center (JICA TOKYO)

2. Implementing Partner: Ministry of Internal Affairs and Communications (MIC)

Standardization Division, Global ICT Strategy Bureau, MIC
Address: 1-2 Kasumigaseki, 2-Chome, Chiyoda-ku, Tokyo, 100-8926, Japan

3. Travel to Japan

(1) Air Ticket: The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.

(2) Travel Insurance: Term of Insurance: From arrival to departure in Japan will be covered by JICA.
(NOTE; The traveling time outside Japan shall not be covered.)

4. Accommodation in Japan

JICA will arrange the following accommodation for the participants in Japan:

JICA Tokyo International Center (JICA TOKYO)
Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan
TEL: 81-3-3485-7051 FAX: 81-3-3485-7904
(where “81” is the country code for Japan, and “3” is the local area code)

If there are no vacancies at JICA TOKYO, JICA will arrange alternative accommodation for the participants. Please refer to the facility guide of TIC at its URL:
http://www.jica.go.jp/english/contact/pdf/tic.pdf

5. Expenses

The following expenses will be provided for the participants by JICA:

(1) Allowances for accommodation, living expenses, outfit, and shipping

(2) Expenses for study tours (basically in the form of train tickets).

(3) Free medical care for participants who become ill after arriving in Japan (costs related to pre-existing illness, pregnancy, or dental treatment are not covered)

(4) Expenses for program implementation, including materials

(5) For more details, please see p. 9-16 of the brochure for participants titled “KENSHU-IN GUIDE BOOK,” which will be given to the selected participants before (or at the time of) the pre-departure orientation.

6. Pre-departure Orientation

A pre-departure orientation will be held at the respective countries' JICA offices (or Embassies of Japan), to provide participants with details on travel to Japan, conditions of the workshop, and other matters.

V. Annex

ANNEX 1 Reference (Course Schedule in 2011)
ANNEX 2 Document Form of Inception Report
ANNEX 3 Organization chart

ANNEX 1
Reference (Course schedule in 2011)
(The below contents may be subject to changes in 2012.)

Date	Time	Content	Accommodation
1/12	9:00 – 12:00	Briefing Session	
1/13	9:35 – 16:10	General Orientation	
1/14	10:00 – 12:00	General Orientation	
	13:30 – 14:30	Program Orientation by JICA	
	14:30 –	Return Flight Meeting	
1/15		Free	
1/16		Free	
1/17	10:00 – 12:00	Preparation of Country Report Presentation (individually)	
	14:30 – 15:00	Courtesy Call on Mr. Nakajima, Director of Standardization, MIC	
	15:00 – 16:00	Keynote speech: Standardization Trends in Telecommunications Network Infrastructure in ITU-T SG15	
	16:30 – 17:15	Orientation by MIC	JICA Tokyo
	18:15 – 19:15	Welcome Reception	
1/18	10:00 – 12:00	Presentation: Country Report	
	13:30 – 15:30	Lecture: Standardization in the ICT Sector	
	16:00 – 18:00	Lecture: Standardization Activities on ICTs in TTC	
1/19	10:00 – 12:00	Lecture: Current State and Future Issues for Technology Policy in Japan's Telecommunications Sector	
	13:30 – 15:00	Lecture: Telecommunications Policy in Japan	
	15:30 – 17:30	Lecture: Technical Standards in The Age of IP	
1/20	10:00 – 12:00	Lecture: Spectrum Management Policy in Japan	
	13:30 – 15:30	Lecture: ARIB Activities – Standardization for Radio Systems –	
	16:00 – 18:00	Lecture: Recent Activities on IMT-2000 and IMT-Advanced	
1/21	10:00 – 12:00	Lecture: Certification System for Telecommunications Equipment in Japan	JICA Tokyo

	13:30 – 15:30	Lecture: Standardization and Promotion Activities of Japanese Terrestrial Digital Broadcasting Service	
	16:00 – 18:00	Lecture: KDDI's Strategy for Development of ICT Service & Technology and Relation with Standardization Policy	
1/22		Free	
1/23		Free	
1/24	10:00 – 12:00	Lecture: Compliance Approval System of Telecommunications Terminal	
	13:30 – 15:30	Lecture: Standardization for Cable Television	
	16:00 – 17:30	Lecture: Introduction of Japan's ODA in ICT Field	
1/25	10:00 – 12:00	Group Discussion 1	
	14:00 – 15:00	Observation: NEC Broadband Solutions Center	
	15:00 – 16:00	Lecture: NEC's Broadband Wireless Business Solution	
1/26	10:00 – 12:00	Group Discussion 2	
	14:30 – 16:30	Lecture/Observation: Technical Regulation Conformity Certification Services Stipulated by the Radio Law	
1/27	10:00 – 12:00	Group Discussion 3	
	13:30 – 17:30	Lecture: Overview of HATS Organization	
		Lecture: The Trends of the IP Telephony and SIP Interoperability Test	
		Lecture: Interoperability Activity of MPEG-4 and H.264 on SIP	
		Lecture: Interoperability Activity for IP Security Camera	
		Lecture: Activity of Home-Network (HN) WG	
		Lecture: Interoperability Test for IP-PBX	
		Lecture: Facsimile Interconnectivity Testing Activity by HATS	
1/28	10:00 – 12:00	Group Discussion 4	
	14:30 – 15:30	Observation: NTT Musashino R&D Center	
	16:00 – 17:00	Lecture: 4K Digital Cinema	
1/29		Free	
1/30	am	Move to Kyoto	JICA Osaka

	13:40 – 17:30	"Kyoto Afternoon Tour": Heian Shrine, Sanju-Sangendo Hall, Kiyomizu Temple	
1/31	10:00 – 12:00	Lecture/Observation: Speech Translation Technology and Standardization Activities	Daiwa Roynet Hotel
	13:30 – 15:30	Observation: Advanced Telecommunications Research Institute International	
2/1	10:00 – 12:00	Lecture/Observation: R&D in Kobe Advanced ICT Research Center	JICA Tokyo
	pm	Move to Tokyo	
2/2	10:00 – 12:00	Lecture: Current Status on NGN Standards Activities	
	13:30 – 15:30	Lecture: Standardization of Broadband Optical Access Network	
2/3	10:00 – 16:30	Lecture/Observation: KDDI R&D Laboratories Inc.	
2/4	10:00 – 12:00	Lecture: IPTV Standardization	
	13:00 – 14:45	Observation: OTEMACHI 1st Square	JICA Tokyo
	15:15 – 16:15	Observation: Tei-Park (Communications Museum)	
2/5		Free	
2/6		Free	
2/7	10:00 – 10:30	Lecture/Observation: Outline of NICT R&D	
	10:30 – 10:50	Lecture: Outline of NICT Wireless Testbed	
	10:50 – 11:25	Lecture: Overview of Cognitive Radio Technology and Standardization	
	11:25 – 12:00	Lecture: IEEE 802.15.6 Standardization on Body Area Network	
	13:30 – 15:00	Lecture: Evolution of Wireless Technologies, Mobile Terminals and Services	
	15:15 – 16:45	Observation: NTT DOCOMO R&D Exhibition Hall "WHARF"	
2/8	9:30 – 11:30	Lecture/Observation: Overview of the "Smart Grid" and its Issues	JICA Tokyo
	13:30 – 16:30	Lecture/Observation: Technical Survey of Home Network and its Standardization	

2/9	10:00 – 12:00	Lecture/Observation: Type Approval Test of Radio Equipment and Calibration of Measuring Apparatus	
	14:00 – 16:30	Preparation of Action Plan	
2/10	10:00 – 12:30	Presentation: Action Plan	
	13:30 – 14:30	Evaluation Meeting	
	14:30 – 15:00	Closing Ceremony	
	15:00 – 16:00	Farewell Party	
2/11		Departure	

ANNEX 2

Document Form of Inception Report

After the notice of acceptance from JICA, the selected participants are required to prepare Inception Report documents providing information on the following contents. The Report should be sent to JICA Tokyo International Center by January 6, 2012, preferably by e-mail to Someya.Yuko@jica.go.jp.
The participants are also requested to make a 20-minute presentation with visual material (e.g., MS Power Point) at the beginning of the Program. The focal point of the participants' presentations will be decided prior to the acceptance notice being returned to the participating organization.

Format of the Report document
The Reports should be typewritten in English on A4 size paper (21 cm by 30 cm), formatted in digital data.

Part I. Personal Details of Participant

1. Name of participant and nationality

2. Name of participant's organization and section

3. Type of organization (choose one of the following)
   a) Governmental organization (excluding public company)
   b) Public company (fully state-owned company or business organization)

4. Organization chart
   Please attach a chart outlining the structure of the participant's organization that shows the participant's position and responsibilities. (see attached ANNEX 3)

5. Participant's special interests

Part II. Telecommunications Policy Structure and Statistical Data

II-1. Policy-making and regulatory authority

1. Name of the authority(ies) responsible for telecommunications/broadcasting (Digital TV, IPTV) policy

2. Name of the authority or divisions within the authority responsible for telecommunications/broadcasting regulations

3. Legal structure for regulating the telecommunications/broadcasting sector

II-2. Current policy and regulatory environment

1. Basic laws governing telecommunications/broadcasting businesses

2. Policy on privatization
   Please mention whether privatization of the state-owned telecommunications carrier has been effected or is planned, in your country.
   If effected, please describe how privatization was undertaken.

3. Policy on competition
   Please mention whether entry of new common carriers has been undertaken, or is planned, in your country.
   If effected, describe how this was undertaken.

4. National policy on developing ICT (information and communications technology) and broadcast technology.

5. Major challenges and problems that need to be solved in your country's telecommunications/broadcasting sector and telecommunications/broadcasting business
   e.g., tariff issue resulting from use of different Mobile Country Code (MCC) and different Mobile Network Code (MNC), if any

6. Future program of telecommunications/broadcasting development

7. International assistance in the field of telecommunications/broadcasting (Year, Name of aid agencies, Budget, etc.)
   a) Completed projects (-2011)
   b) Ongoing projects
   c) Planned projects

8. Participant's own experience and future prospects in their profession

II-3. Standardization activities

1. Main organization in charge of standardization of ICT and broadcasting technology.

2. Situation regarding participation in standardization activities undertaken by international standardization organizations like ITU-T

3. National standardization activities

4. Have you discussed "standardization gap" issues in your country?
   What is your definition of "standardization gap"?

II-4. Market Structure

Please indicate the following market environment of each service type

1. Telephones
   a) Number of telephones (Number of telephones = fixed phones + mobile phones)
   b) Telephone density (per 100 inhabitants)

2. Fixed Telecommunications Services
   a) Business license(s) required, or other restrictions on operators
   b) Number of carriers or service providers
   c) Number of subscribers
   d) Subscribers per 100 inhabitants

e) Coverage of population (%)
f) Number of applicants waiting to have fixed telephones installed
g) Comparison of current number of applicants waiting for fixed telephones with that of 5 years ago (%)
h) Name of the incumbent or the largest carrier and its share of the market
i) Organizational character of the incumbent or the largest carrier
j) Organizational character of the second largest and third largest carriers and their shares of the market

3. Mobile Telecommunications Services
   a) Business license(s) required, or other restrictions on operators
   b) Number of carriers or service providers
   c) Mobile telephone systems
      (3G (W-CDMA, MC-CDMA), 2G (GSM, CDMA, PDC))
   d) Number of subscribers
      - Number of subscribers to 3G mobile phone services
      - The ratio of 3G mobile phone subscribers to total mobile phone subscribers (%)
   e) Subscribers per 100 inhabitants
   f) Coverage of population (%)
   g) The ratio of mobile telephone subscribers to total telephone subscribers (%)
   h) Name of the incumbent or the largest carrier and its share of the market
   i) Organizational character of the incumbent or the largest carrier
   j) Organizational character of the second largest and third largest carriers and their shares of the market
   k) Number of existing Mobile phone subscribers and penetration of mobile phones which can connect to the network
   l) Number of smart phone subscribers and the penetration of smartphones

Connection system(s); existing telecommunications network that new networks can connect to, in particular, cellular networks

4. Internet and Broadband
   a) Business license(s) required, or other restrictions on operators
   b) Number of service providers
   c) Name of the largest service provider and its share of the market
   d) Organizational character of the largest service provider
   e) Organizational character of the second largest and third largest service providers and their share of the market
   f) Number of internet users
      - Number of users through telephone line (dial up)
      - Number of users through Broadband line (FTTH, DSL, Cable TV, WiMAX and others)
      - Others (satellite communications, etc)
   g) Internet users per 1,000 inhabitants
   h) Number of personal computers per 1,000 inhabitants
   i) Broadband price per 100 kbps

5. Internet Application Service
   j) Name of Internet services in your countries (i.e. Facebook, Twitter, Skype, game).
   k) Name of a famous, domestically-produced Internet service
   l) Name of a network service and search engine widely used in your country

m) A case example of a movie-on-network service and IPTV (Internet Protocol Television)
n) The case example of Digital Signage and the type (stand alone or network?)

Part III. General Questions

1. **If your country has any difficulties with its telecommunications infrastructure for Internet services in rural areas, please indicate the current situation in accordance with the following:**

   - Any geographical factors which have become the cause of difficulties, such as mountains, sea, scattered islands, distance from urban areas, etc., and the description of the current status.
   - Any social, economical and/or technological factors which make it difficult to promote Internet services in your country.

2. **What kinds of Internet applications/solutions as a public/civil service does your country hope to introduce, such as e-learning, e-agriculture, e-healthcare, emergency information, governmental bulletin, etc., and the reasons for such introduction ?**

   - Service applications/solutions as a public/civil service
   - Issues to be resolved
   - How do you cooperate with other ministries and government offices?

3. **If the wireless access system can be practically considered in your planning for rural areas, please provide information on the following:**

   - Necessary functions for the terminal (fixed and/or mobile)
   - Estimated initial fee for a user
   - Estimated monthly fee for a user
   - The restrictions of radio frequency under the regulations

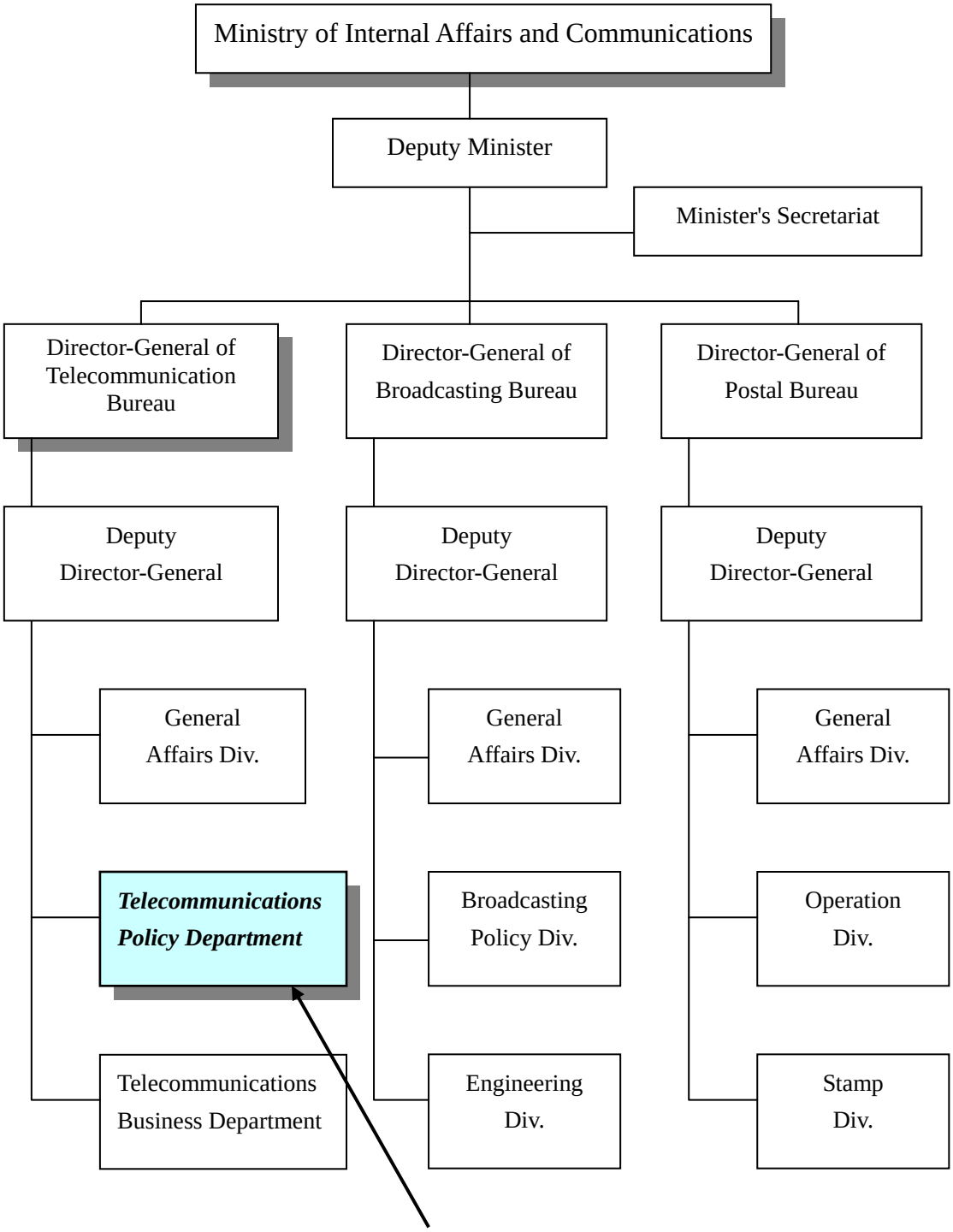
4. **What is the general view regarding the future network in your country?**

   - Any image or picture of the new future network
   - Any policy for the assurance of end-to-end connectivity and QoS

5. **How does your country use ICT (information and communications technology) for disaster countermeasures?**
   - Any prevention plan for disasters.
   - Any management plan when a disaster strikes.

ANNEX 3

Organization Chart



Please identify your position and department in the Organization Chart

For Your Reference

JICA and Capacity Development

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that "capacity development" is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e., expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might garner useful knowledge, which can be used to enhance their own understanding or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs are being customized to address the specific needs of different target organizations, such as policy-making organizations and service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

Japanese Development Experience

Japan was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the "adopt and adapt" concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally became internalized in Japanese society to suit its local needs and conditions.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this "adoption and adaptation" process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan's developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of "tacit knowledge," a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that the integration of their findings might help them reach their developmental objectives.

CORRESPONDENCE

For enquiries and further information, please contact the JICA office or the Embassy of Japan. Address correspondence to:

Tokyo International Center,
Japan International Cooperation Agency
(JICA TOKYO)
Address: 2-49-5, Nishihara, Shibuya-ku, Tokyo 151-0066, Japan
TEL: 81-3-3485-7051 FAX: 81-3-3485-7904