

OUTLINE OF
GROUP AND REGION-FOCUSED
TRAINING PROGRAMS IN JAPANESE
FISCAL YEAR 2009

COURSES STARTING BETWEEN APRIL 2009 AND MARCH 2010

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

Foreword:

A new JICA and its Program for Training & Dialogue

Since its re-organization as an independent administrative institution in October 2003, JICA has moved forward its reform activities with three major pillars: field based management, human security, and effective, efficient and prompt operation. In addition to this initial reform plan, in March 2005, JICA announced the second part of its reform plan. At the core of this second phase reform plan is the review of JICA's training & dialogue program conducted in Japan, particularly with respect to its effectiveness and appropriateness in meeting the evolving needs of its development partners.

Technical Cooperation conducted in Japan

JICA's training & dialogue program conducted in Japan has been occupying an important place in JICA's operations. Being conducted in Japan, the Program can mobilize inputs from almost every corner of the society. As this booklet illustrates, more than 500 courses/projects/forums of the JICA's training & dialogue program cover a wide range of issues such as agricultural technology, advanced industrial technology, hospital management and local governance systems to name a few. Being implemented in collaboration with Japan's leading organizations and academics in respective fields, the Program could provide ideal opportunities to those who would try to find answers for their own issues referring to Japan's experiences.

While recognizing the positive role that the Program can play, we are at the same time increasingly cognizant of the challenges to make it more relevant to practical needs and concrete actions in partner countries. For example, appropriate measures to encourage the ex-participants to put their acquired knowledge in practice need to be strengthened, especially for the capacity development of the organizations they work for. Based on this recognition, JICA is now starting to make serious efforts to meet such challenges. Our efforts include the integration of preparatory sessions and post-program activities in some of the course/projects/forums. Likewise, a systematic follow-up support for motivated ex-participants and interested organizations is going to be strengthened.

This booklet provides information on such efforts for improvement. The reader may wish to refer to such information and, where applicable, to use JICA's training & dialogue program not merely as a means of enhancing skills/knowledge of any particular individuals but also in relation to organizational capacity development needs.

Japanese Development Experience

Japan was one of the first non-European countries to have successfully modernized and industrialized its economy. At the core of this process 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 the local skills, knowledge and initiatives. They finally became internalized in the Japanese society to suit its local needs and conditions.

From engineering technology to production management methods; from pollution prevention technology to rural community development, most of the know-how that has enabled Japan to become what it is today has emanated from this “*adoption and adaptation*” processes, which, of course, have accompanied countless failures and errors behind success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are struggling with the current challenges facing 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.

I therefore would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with Japanese people, witness the advantages as well as the disadvantages of Japanese systems, so that the integration of their findings will become useful to the accomplishment of their developmental objectives.

Takashi Yoshida
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I . Reference for Selection of Group and Region-Focused Training Programs



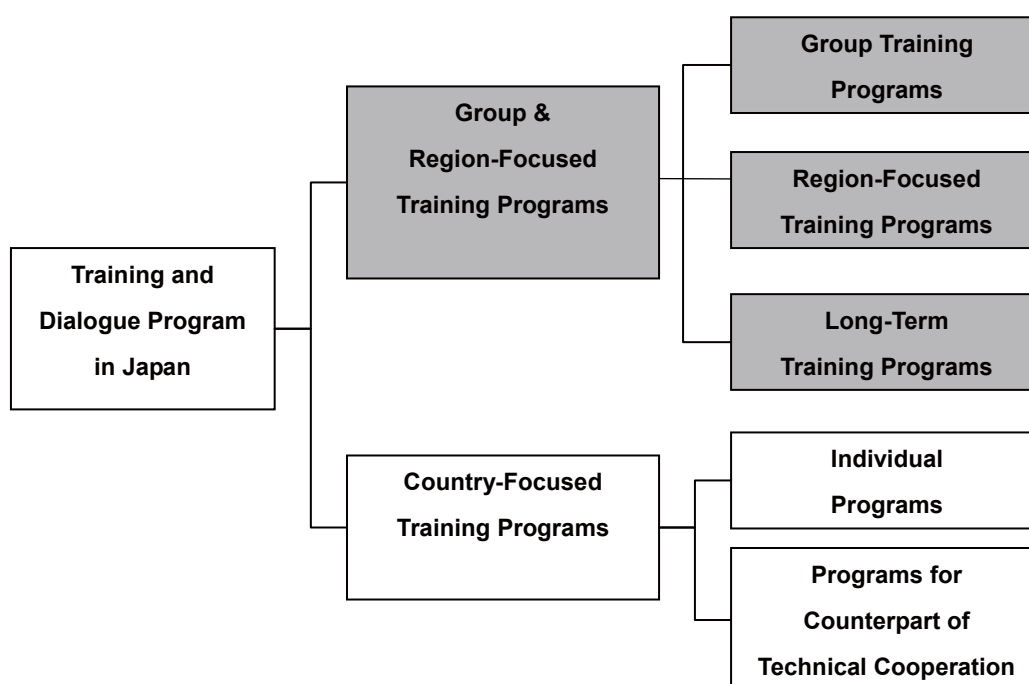
(Photo: Kenshiro Imamura)

Reference for Selection of Group and Region-Focused Training Programs

1. What are Group and Region-Focused Training Programs?

Being conducted in Japan, JICA's Group and Region-Focused Training Programs offer rare opportunities for those who are interested in Japanese experiences. Around five hundred programs are designed in collaboration with leading organizations in respective fields and offered to partner countries. While Group Training Programs target the whole world, Region-Focused Training Programs are offered to specified regions with contents specific to issues in the region. In the Japanese fiscal year 2009, 586 programs will be implemented in total.

<Chart1: Types of Training and Dialogue Programs in Japan>



Group and Region-Focused Training Programs have the following features which are not seen in other types of technical cooperation, because the programs are proposed by Japan and implemented inside Japan.

- (1) The programs are opportunities for leaders from partner countries to share knowledge, experience, and ideas with Japanese practitioners at forefront, and professionals who cannot normally be dispatched as mission members nor experts to partner countries.
- (2) The programs are opportunities to effectively transfer tacit experience and knowledge from Japan to participants from partner countries. Examples of these are sense of value, original concepts, and frameworks of systems and organizations. The information transmitted

through the training programs are all unique to the Japanese society and can be only understood through first-hand training experience.

- (3) The programs are opportunities for partner countries to share experiences and create innovative knowledge together with other countries that face similar difficulties or issues.

Group and Region-Focused Training Programs, which have the advantage of being implemented inside Japan as explained above, can produce significant effects when organically combined with past, on-going, or future technical cooperation or financial aid in partner countries.

2. Recent Changes in Group and Region-Focused Training Programs

Group and Region-Focused Training Programs have been conducted for many years as one of the oldest forms of technical cooperation. Their main objective has been human resource development focused on mid-level personnel in partner countries.

While the Programs have been contributing to the empowerment of future leaders, JICA decided to review the program objectives and modalities, considering recent changes in the business environment surrounding the programs. They include among others, changes in the needs of the partner countries, changes caused by the progress of the “Program Approach” in Japan’s international cooperation, as well as the administrative reform of the Government of Japan to further improve efficiency. As a result, Group and Region-Focused Training Programs are being largely transformed as explained below.

(1) Change in objective: Problem solving in addition to human resource development

Group and Region-Focused Training Programs have traditionally aimed at human resource development of mid-level personnel. These traditional training programs have come to be reviewed in terms of efficiency since training opportunities in partner countries have been expanded and improved in recent years. Training in Japan should be re-focused at truly core professionals or decision makers in organizations or should be offered to only those organizations which are ready to take concrete steps in dissemination of the knowledge brought back by their personnel dispatched to the programs.

On the other hand, objectives of partner countries in sending personnel to Japan are not limited to medium or long-term human resource development. They also could send their personnel to study Japan’s experiences to re-create their own solutions for their specific issues such as the introduction of a new institution/system or improvements in the operation of their organizations. JICA is strengthening those programs which could effectively facilitate partner countries to create their own solutions by utilizing the advantages of the training program.

JICA has classified Group and Region-Focused Training Programs into 4 standard categories as shown below to clarify objectives of the Group and Region-Focused Training

Programs, of which the contents are becoming more diverse in response to recent environmental changes.,

<Chart 2: 4 standard categories of Group and Region-Focused Training Programs>

Standard category	Concept
Leaders Training Programs	This type aims to enhance the capacity of the personnel that is involved in important decision makings in organizations or who is engaged in highly specialized areas.
Trainers Training Programs	This type aims to disseminate the kinds of knowledge and skills which become significant with wide acquisition among groups. This type of program target at mid-level personnel of “front-line” occupations such as teachers, nurses and extension officers. Such program is implemented with the aim of the specified final beneficiaries gaining knowledge and skill through program participants, in addition to the development of the abilities of the participants themselves.
Solution Creation Programs	This type aims to facilitate problem solving in organizations or societies such as making improvements in the operation of organizations or the creation of political measures and the establishment of systems. Programs of this type provide opportunities for partner countries to consider the measures needed to solve the problems in their countries by using the Japanese experience as a reference.
International Dialogue Programs	This type aims to share experience related to regional or global problems and to develop new knowledge. It promotes international dialogues and the creation of networks for important problems.

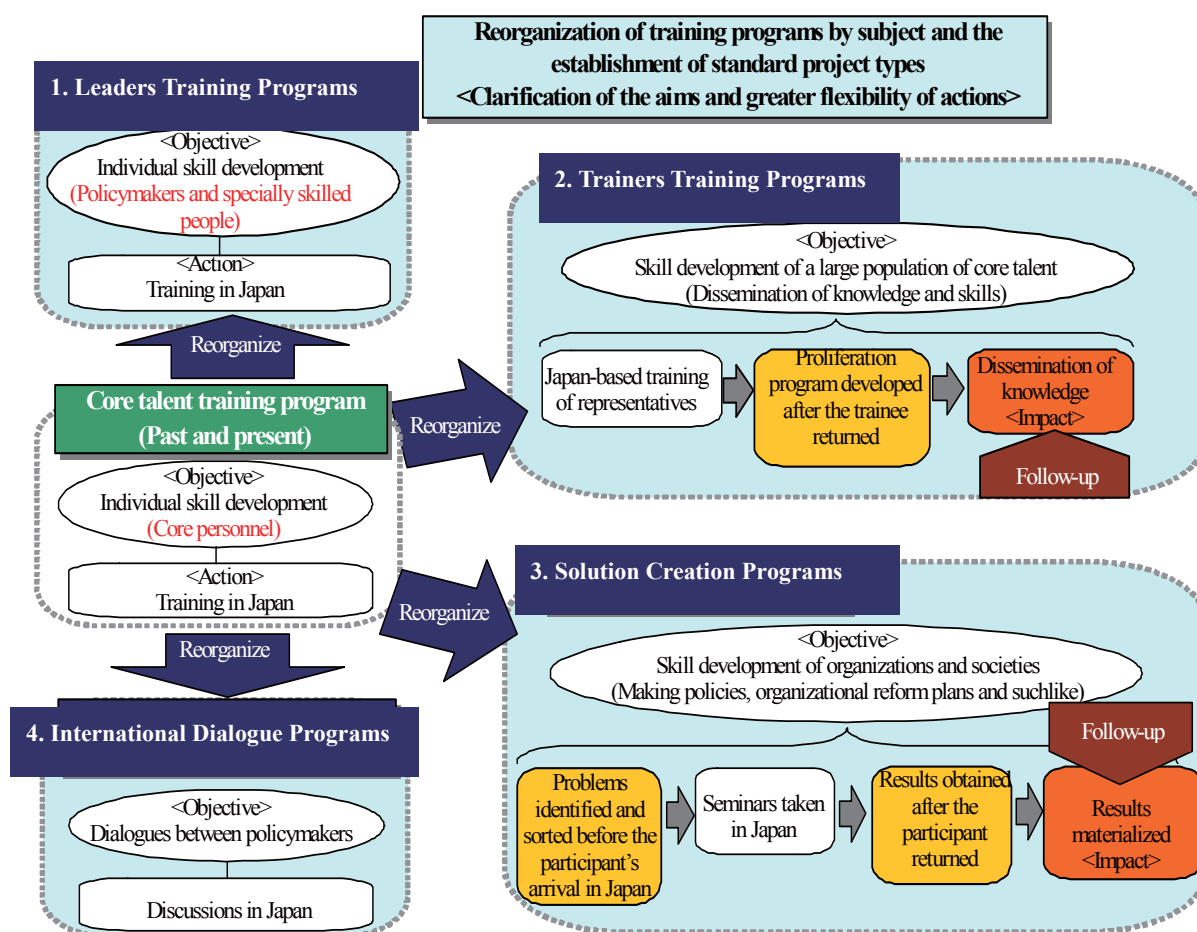
(2) Change in modality: From individuals to organizations

Conventional Group and Region-Focused Training Programs have been completed in Japan. However, when the program aims to disseminate knowledge or to solve problems of an organization rather than enhance the capacities of individual participants, it is necessary to have the involvement of the organizations which send participants to the program and to have activities before and after the programs in Japan. For this reason, JICA has now expanded the scope of program methods to include a “preliminary phase” which is held prior to programs in Japan, a “finalization phase” which is held after the participants’ return to their countries, and “follow-up cooperation” after the programs ends. JICA is also diversifying the use of various tools in programs, such as distance learning using teleconference systems and complementary programs in third countries.

Such flexible approaches have led to the creation of various forms of Group and

Region-Focused Training Programs which go beyond the traditional image. An example of the new form of programs include project-type trainings in which programs are held targeting similar countries for three years with different contents each year, enabling the achievement of the final results within the program period as a whole.

<Chart 3: Reorganization of Group and Region-Focused Training Programs, Establishment of Standard Aim by Category and Increase in Flexibility of Approaches>



(3) Change in contents: More focus on the “Japanese Way”

In the context of the administrative reform by the Japanese government, from the viewpoint of cost-effectiveness, the training programs in Japan are expected to be implemented only when they are really worth being carried out in Japan.

It may be said that in order to transfer universal technologies and theories, training programs would be more effective if they were implemented in other countries than Japan. However, as a result of Japan’s rapid adoption of the Western systems, approaches and technologies in accordance with its own conditions, Japan has achieved various unique experiences and knowledge. These precious resources unique to Japan range from

organizational systems like organizational and personnel management to social systems like campaigns for improvements in daily routine tasks and local administrations.

It may be difficult for partner countries to apply these unique experiences of Japan as they are because conditions in other countries would be very different from that of Japan. But they can utilize Japanese experiences and knowledge as useful catalysts when they invent their own approaches or measures to solve the problems they face.

Recently JICA has formulated more programs than before that make the most of the advantages of the Japanese unique experiences and knowledge. It also has developed learning materials by which partner countries can understand the Japanese unique experiences easily, overcoming the difference between the both sides.

<Chart 4: Recent Examples of programs that make full use of the unique experiences of Japan>

Subject	Name of program	Details
Japanese-style management	Seminar on Creating a New Methodology for the Knowledge society (Since 2004)	Internationally renowned economists summarize and systemize the approaches of Japanese-style organization management.
Japanese-style management	Management of Human Capacity Development Programs (Since 2006)	Some of Japanese leading companies cooperate in the systemization of Japanese approaches to personnel affairs and human resource development.
Japanese-style administrative reform	Top Management Forum on Local Government Reform for Asia and Africa (Since 2006)	Reflecting the internationally unique development of Japan, administrative and financial reform systems in Japanese local communities are programmed into a bidirectional international forum.
Japanese-style participatory development	Promotion of Enabling Environment for Civil Society and Community Development (Since 2006)	What is referred to as hometown science and other approaches unique to Japanese local development are systemized from the viewpoint of development.
Livelihood Improvement Approach	Rural Community Development by Livelihood Improvement Approach (Since 2006)	The combination of Japanese life improvement movement and agrarian reform was the driving force of the postwar rural development. The experience of the commitment is systemized.
Recycling-based Society	Construction and Designing of Recycling-based Society (Since 2006)	Japans' unique values and ideas, represented by Mottainai, the abhorrence of waste, are systemized.
School health	School health (Since 2006)	The internationally rare system of our school health and the experience of its application are systemized.
Experiences of Okinawa	Maternal and Child Health Promotion Based on Community (Since 2006)	The Okinawa Prefecture's unique experience of stationed nursing staff is systemized.

3. Utilization of Group and Region-Focused Training Programs

(1) Combination with the JICA Programs

Group and Region-Focused Training Programs have increasingly been combined with technical cooperation projects or individual programs such as expert dispatches and in-country trainings. As a result of the operation review of the Group and Region-Focused Training Programs, it has become easier to combine them with other projects.

Major changes in the operation are as follows;

Changes in the allocations of programs

- In order to make it possible to utilize the programs in a systematic manner, the allocation of each program is fixed for the period of its implementation, which is generally three years. Accordingly, the official requests by partner countries and subsequent bilateral agreements are made for the period of three years.
- In order to make it possible to utilize the programs intensively, the maximum number of participants for each program in one year is set at two for the Group Training and four for the Region Focused Training.
- While the allocation of a program is fixed for the period of its implementation, partner countries can cancel the allocation of the second or third year. On the other hand, it would be possible as well to request allocation for a program on its second or third year even if the program wasn't allocated on its first year, while realization of the request may depend upon the situation of the program.

Changes in the procedures of the request survey

- To enhance the realization of requests and predictability of the training request survey, the number of participants is to be determined flexibly based on the request survey in the planning of JFY2009, instead of the previous system that conducted the survey after allocations of programs and the number of participants to partner countries.
- In the planning for JFY2009, the request survey for Group Training Programs and Region Focused Training Programs were unified, and for each type, number of programs was determined based on the magnitude of requests. It is envisioned that programs will be conducted not only in English, but also in various other languages. At the same time, the number of regionally tailored programs are expected to increase.
- In the planning of JFY2009, the Long Term Training Programs have been integrated

into either Group Training Programs or Region Focused Training Programs. This will enable the partner country, the Embassy of Japan, and the JICA overseas office to select as many “long term type” programs for academic degree as they wish. It is to be noted that a request for one participant in “long term type” programs is regarded as two seats for ordinary programs due to difference in costs.

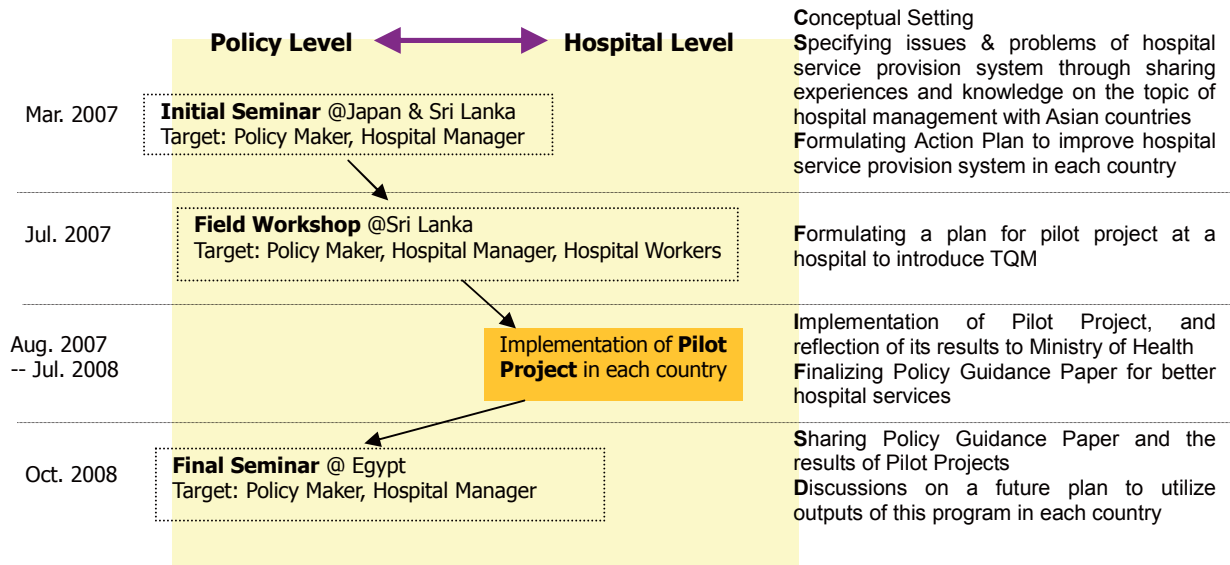
- While allocations for new and renewed programs will be fixed for the period of implementation, they could be adjusted as mentioned in the previous section. As for the planning of JFY2010, allocations for continuing programs are confirmed by partner countries, the Embassy of Japan, and the JICA overseas office based on allocations made in JFY 2009. The current allocations would be either confirmed or modified, which would be fixed up to the end of each program.

It is expected that more Group and Region-Focused Training Programs will be utilized for project formulation, follow-up activities after the completion of projects, and indirect support for ongoing projects. For more details, please refer to the appendix for the utilization of the Group and Region-Focused Training Programs in Bilateral Programs.

Case 1: Strategic model to envision for further assistance projects

Program: “Asia-Africa Knowledge Co-Creation Program (AAKCP) — Total Quality Management for Better Hospital Services: Holistic Approach to Utilize Existing Resources “

Target Countries: Kenya, Uganda, Tanzania, Malawi, Senegal, Madagascar, Nigeria, Eritrea



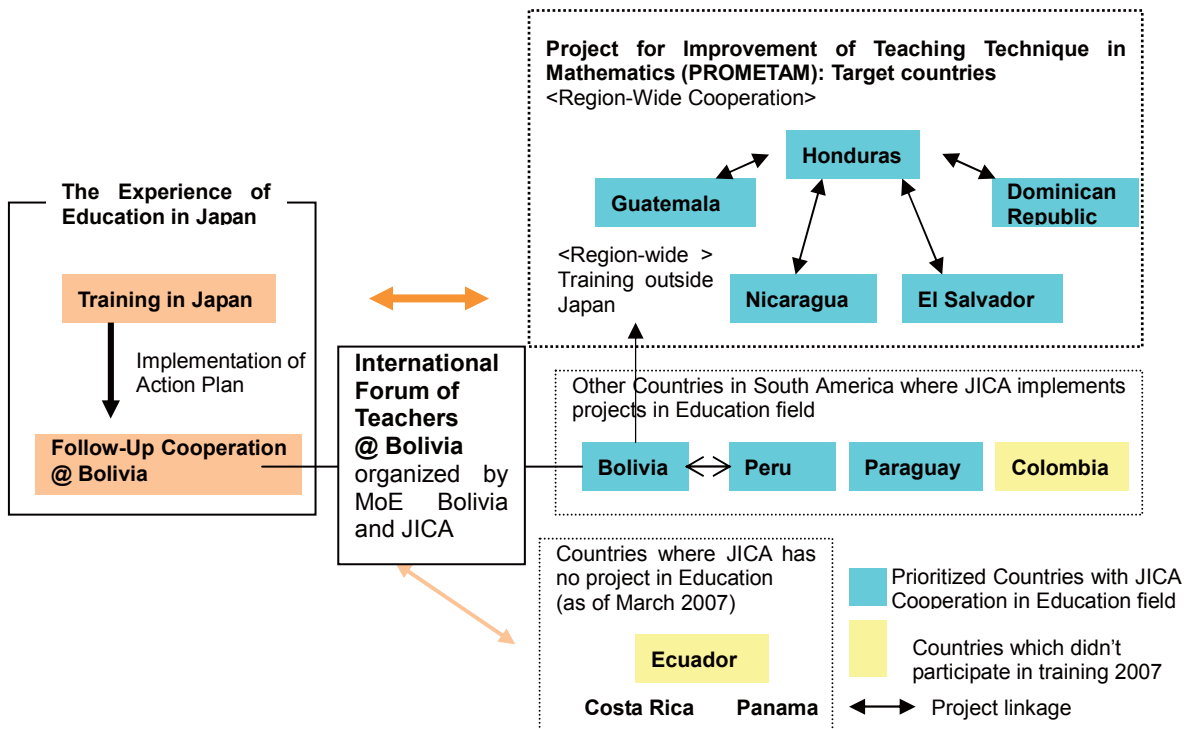
<Key Points>

AAKCP aims to provide a forum where Asian and African countries share their experiences and knowledge in several sectors, and thereby to facilitate each country to create its own method of development that suits mostly to its contexts. The second sub-program of the AAKCP covers comprehensively a wide range of issues for quality management in hospitals, such as improvement of hospital environment and awareness-raising of hospital staffs. This second sub-program is comprised of four components in a program period of one and a half years: (1) Initial Seminar conducted in Japan and Sri Lanka, (2) Field Workshop in Sri Lanka, (3) Implementation of Pilot Projects for one year in each country, and (4) Final Seminar to present overall achievements. For the countries with high initiatives in improving hospital service quality, JICA examines the possibility of further support to put these countries' efforts and engagement into much wider practice such as developing technical cooperation projects after AAKCP. In addition, a regional technical cooperation project may become an option to be developed, utilizing a health-sector network established among African countries through AAKCP. Effective utilization of JICA Training & Dialogue Program combined with other development assistance scheme can create the common “seedbed” to be developed for future support and lead to strategic development of JICA assistance projects.

Case 2: Effective linkage between a Training Program and a Technical Cooperation Project: Training Program incorporated in Technical Cooperation Projects

Program: “Education in Japan: Applying Japan's Experience to Developing Countries”

Target Countries: Bolivia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Paraguay, Peru



<Key Points>

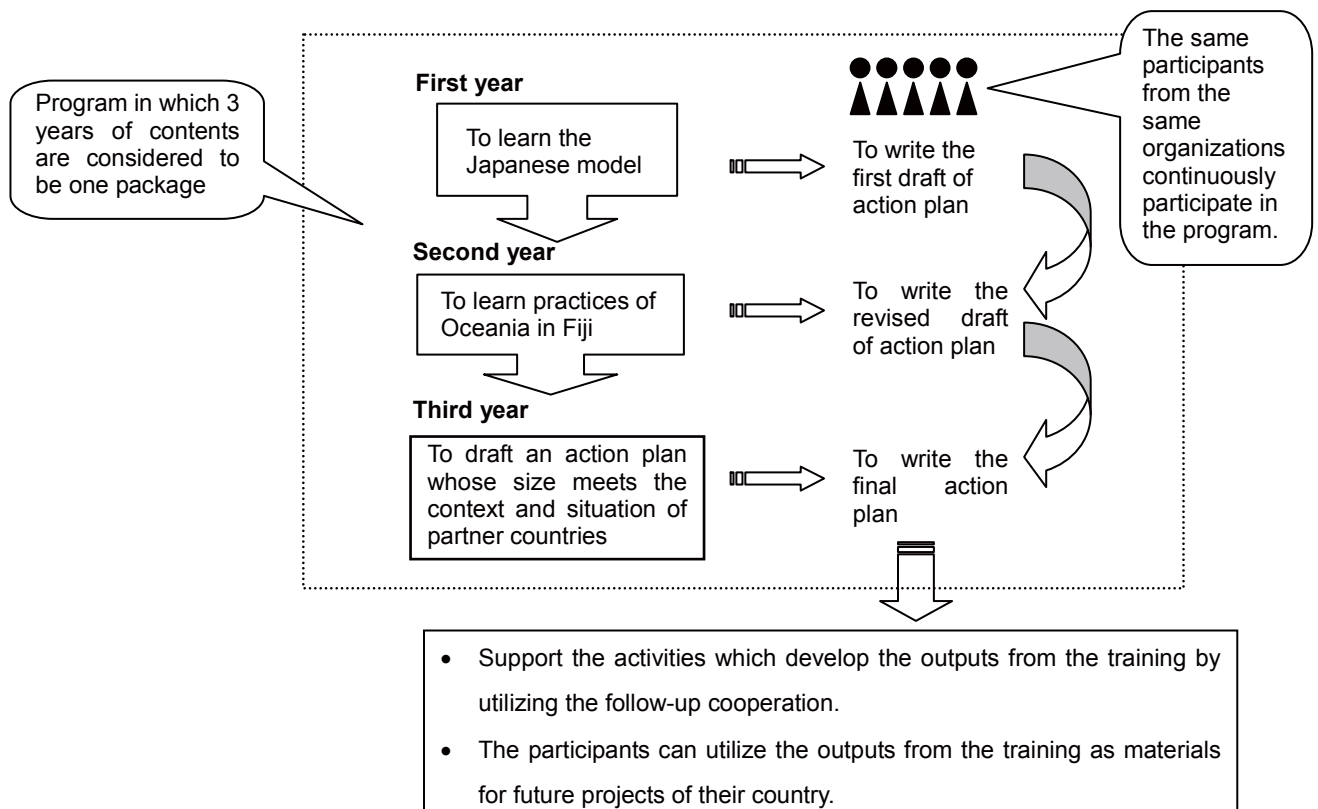
This training program, targeting at prioritized countries in Latin America in the JICA Educational Cooperation, is considered as a component of a development program in respective countries. JICA overseas offices and JICA project staffs are actively engaged in the selection process of nominees. These participants of senior officials, who are supervisors of JICA project counterparts, joined the training program with high motivation, and proposed the finalized action plans developed in line with JICA technical cooperation projects in their own countries.

Effective linkage between trainings and projects enables JICA and partner countries to design a training program tailored to the needs of partner countries, select appropriate participants for training, and utilize strategically a Follow-Up Cooperation scheme based on the training result.

Case 3: Regional program which continuously supports target groups for three straight years

Program: Region-Focused Training Program “Community-based Fisheries Diversification in Pacific Small Island States”

Target countries: Fiji, Nauru, Palau, Papua New Guinea, Samoa, Solomon islands, Tonga, Tuvalu, Vanuatu



<Key Points>

Working on common issues in multiple countries, this program is a new approach which accepts the same participants from the same organizations for three consecutive years in order to educate personnel from a long-term point of view. It is thought that the approach where “three years are considered as one package” is an efficient and effective training method for countries in Oceania with limited personnel.

By integrating this Region-Focused Training Program in the regional fishery program for Oceania, further strategic projects can be developed under the same concept, utilizing the ex-participants as the contacts or the starting personnel for the projects in each country.

(2) Promotion of organizational involvement

If Group and Region-Focused Training Programs meet the organizational needs of partner countries, the programs produce considerable results. On the other hand, greater importance needs to be attached to the cost-effectiveness since the Group and Region-Focused Training Programs require as much cost as that of the short-term expert dispatches. Consequently, programs that require the organizational involvement of partner countries have been increased. In response to this trend, partner countries have begun to strive for more active organizational utilization of the training results obtained in Japan.

Continuous results will be produced efficiently by encouraging the efforts of the partner countries on their own initiative. It is therefore expected that the respective country offices of JICA will be involved as much as possible in the following actions.

■ **Selection of the target organizations and nominees**

In order to attain objective outcomes in programs, target organizations and the nominees should be carefully chosen by confirming their commitment and readiness. From this viewpoint, priority should be given to organizations and people which are related to on-going or planned bilateral cooperation projects and activities as their commitment and readiness are already confirmed. Accordingly it is appreciated that target organization(s) and nominee(s) for each allocated program would be selected by the Government of partner country in close consultation with the JICA overseas office. Organizations and nominees without linkage to bilateral cooperation projects and activities are eligible for programs on condition that their commitment and readiness are confirmed by the JICA overseas office. As for programs selected in relation to activities of JICA experts and volunteers, it is advised to involve them in the selection process as in the case of ordinary counterparts training.

■ **Promotion of continuous participation**

As most programs are to be allocated successively for three years, it is advised that the same organization or a group of mutually interrelated organizations should be selected for each program. Particularly, programs categorized as “Solution Creation” require the same organization or a group of mutually interrelated organizations to achieve a goal at the end of a three year program. In this connection, the application form, formerly called as “A2A3 form”, has been revised so that commitment and readiness of applying organizations should be clearly described.

■ **Involvement with activities before and after core phase in Japan**

Each selected organization should be reminded to take necessary actions within the

organization according to program plan described in “General Information”. Special attention should be paid to programs categorized as “Trainers Training” and “Solution Creation” since these programs include activities to be conducted in participating organizations before and/or after the core phase in Japan. Participating organizations are requested to prepare and send final reports to JICA overseas offices upon completion of programs. On the part of JICA, programs categorized as “Trainers Training” and “Solution Creation” are enriched with special components such as a supplementary program in third country, follow-up support and so on.

Appendix: Manual for Utilizing Group and Region-Focused Training Programs in Bilateral Programs

I. How to utilize Group and Region-Focused Training Programs

Group and Region-Focused Training Programs in which several countries participate have been carried out with about 500 diverse and unique programs. They have an advantage over Country-Focused Training Programs because they are elaborately prepared for a substantial period of time in cooperation with Japan's leading organizations and experts.

So far, Country-Focused Training Programs have generally been integrated into the JICA programs and projects, but we find Group Training Programs and Region Focused Training Program utilized strategically more than before. Such cases are shown below as "Options 1-10" for your reference as you plan and implement your program and project.

<Promoting ownership by partner countries in project formation>

Option 1: Facilitating identification and formulation of a project

Option 2: Facilitating decision-making

Option 3: Creating "critical mass"

< For improving the effect and impact of project implementation>

Option 4: Dispatching key person to Japan outside of project's framework

Option 5: Building consensus among diverse stakeholders

Option 6: Substituting for a short-term expert

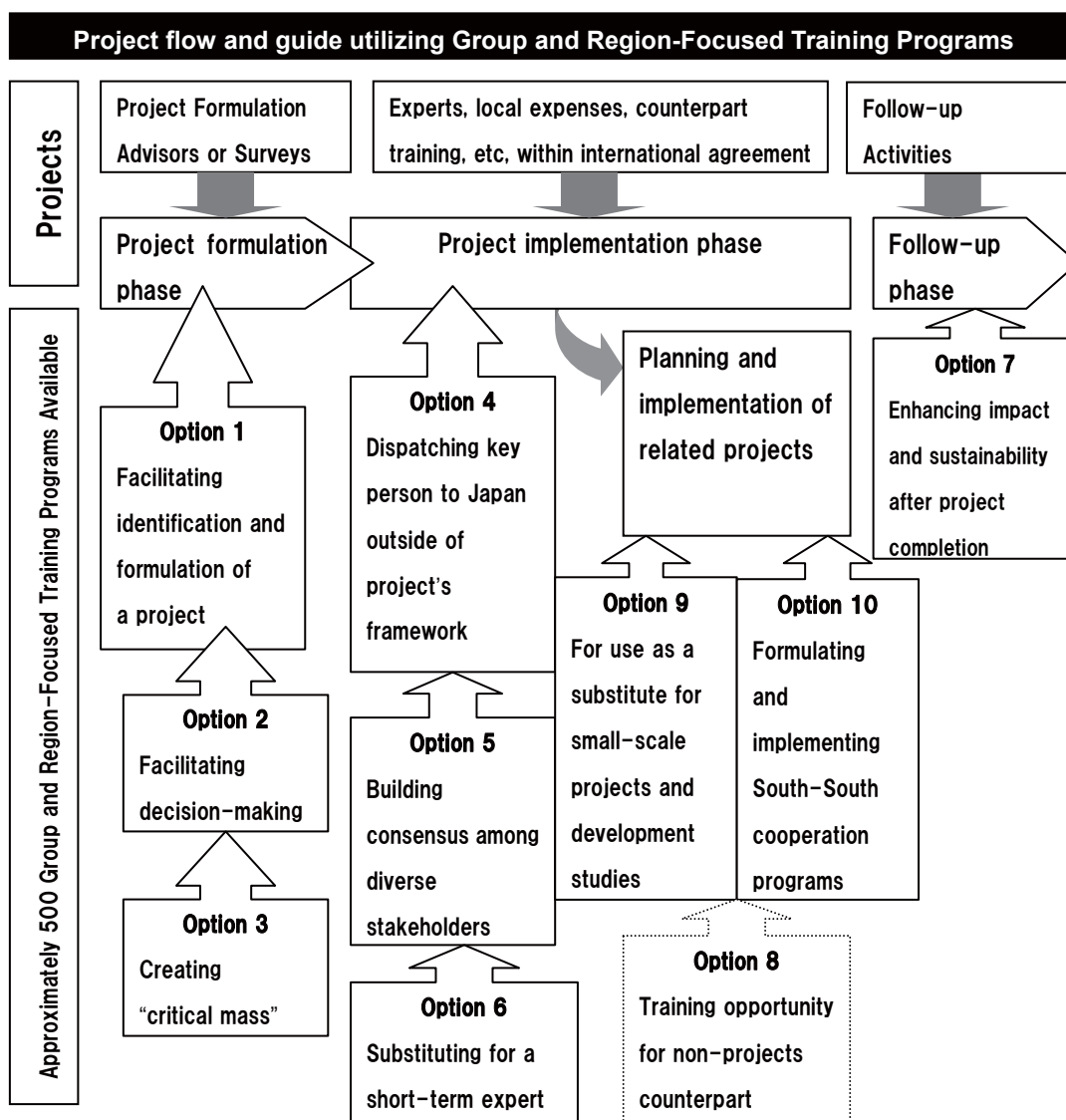
Option 7: Enhancing impact and sustainability after project completion

Option 8: Training opportunity for non-projects counterpart

<Flexible responses to particular needs>

Option 9: For use as a substitute for small-scale projects and development surveys

Option 10: Formulating and implementing South-South cooperation programs



<Promoting ownership by partner countries in project formation>

Option 1: Facilitating identification and formulation of a project

Ownership of partner countries is the most important factor which determines a project's success. In order to promote such ownership, various kinds of ideas have been put into practice. One of the most effective methods for a partner country is to play an independent role in the project formulation stage. Once realized, the sense of ownership on the part of a partner country will be enhanced in its project implementation stage, as well as after its completion.

Formulating a program/project is generally carried out through project formulation advisors or project formulation surveys. Group and Region-Focused Training Programs can be effectively used as a complementary measure. Either when planting the seeds of cooperation to reap five years later, or when a particular cooperation project is almost to be determined, Group

and Region-Focused Training Programs may be used as effective tools for partner countries to address their genuine needs.

To be more specific, a partner country will choose Group and Region-Focused Training Programs which are related to the issue being addressed, dispatch a concerned official to a program to let him or her explore what the root of the issue is in his or her own country, and contemplate what of Japan's experiences might be applied. Then, the participant shall make a proposal when he or she returns to his or her country. Among such proposals, highly sophisticated ones may be linked with local-survey results of JICA's program formulation advisors or project formulation surveys. On the other hand, a partner country can also dispatch officials who are suited for the related training program on the issue that the Japanese side has focused through their own surveys. It may enhance the quality of the project to be formulated. For instance, when a result of development study leads to a start of a new technical cooperation project, the ripeness of a project planned can be enhanced by using intensively the Group and Region-Focused Training Programs as a significant connector between them.

The training program which can be used for project formulation is classified as "Solution Programs". Although it is a group-type training program, it can closely correspond to individual needs. Moreover, in order to improve the usefulness of Group and Region-Focused Training Programs, we reexamined the principle of "one participant for one program" to be changed into a new system which will allow more than one participant per program for more than single fiscal year.

Case: An urban environmental conservation program of the Dominican Republic

The urban environmental conservation program of the Dominican Republic was formally launched in 2004. Among the program were participants from the counterparts of a project concerning solid waste. Here, the intensive execution of training programs for the counterpart organization, Santo Domingo City Hall, played a great role in setting the foundation for the activities thereafter. Since 2004, concerned personnel have been dispatched intensively to Japan to participate in Group and Region-Focused Training Programs to study solid waste management, city planning, and environmental administration and formed a program-promoting group which was organized by more than 10 ex-participants. Year of 2005 marked the start of a development study, "Comprehensive Solid Wastes Management Plan of Santo Domingo City," as the core of this program. During the two-year preparation period, from the planning and proposal stage in 2003 to its commencement in 2005, the sense of ownership on the Dominican Republic side, as well as the effects of the study, were enhanced by the intensive use of Group and Region-Focused Training Programs.

Option 2: Facilitating decision-making

Group and Region-Focused Training Programs include one to two-week seminars and workshops which are available for a secretary or a director. Such programs, instead of the usual “training” programs, have the characteristic of being the place for international dialogues (referred to as the “Dialogue Programs”). Programs of such type are prepared by the initiative of high level officials of Japanese side like ministries or agencies concerned to welcome senior officials of partner countries.

While they are in Japan, as the decision-makers of partner countries would come to realize the policy issues of their countries, and as they become more convinced of the necessity for improvements, their commitment to the project is expectedly reinforced with the program/project formation likewise expectedly promoted. Moreover, usually such high level officials hardly get to spend much time for a specific project in their own countries. However, as they participate in the program in Japan, away from their own busy office, they can spend substantial time enough to listen to the opinions of the Japanese side and to ponder their ideas as well.

In formulating a project that includes a policy or a system, the involvement of partner countries is particularly important. Such dialogue programs type of Group and Region-Focused Training Programs can be used as effective means.

Case: Group Training Programs: “Local Finance / Forum of Top Management Leaderships-Dialogue of International Reform from Local Finance Perspective-”

This program invites a pair of participants, a high-level government official who has the decision-making authority in intergovernmental reform policies and mid-level senior staff from an organization responsible for local administration and finance reform and provides them with a place to examine how to solve policy issues of local administration and finance in detail. They will be provided support in making their policies and plans to promote reform and implementation. It is not a “training” in the general sense, but it is a program that features dialogues among participants and puts emphasis on the presentation of issues by the partner countries. At the same time, an overseas scholar is invited as a resource person to deepen the discussion. In order to continuously ensure results, partner countries and organizations are fixed for three years.

This training program designates particular countries which are now implementing a technical cooperation program in the field of local administration, and countries which have implemented such programs before. As a forum with leading resource persons, the program can achieve high-level commitments from partner countries and effectively promote formulation, implementation and follow-ups of technical cooperation programs.

Option 3: Creating “critical mass”

The number of projects that focus organizational and social standards is increasingly in demand, such as business improvement via a bottom-up approach and collaboration between government administration and local residents. The concept behind these standards cannot be obtained from textbooks, but rather through experience. Therefore, it cannot easily be passed on from person to person. Only when people genuinely understand a new concept and a certain number of people agree with it, the concept will be accepted into organizations and the society, and take root as a new standard.

For creating “critical mass” of a certain number of people capable of changing organizational and social standards, Group and Region-Focused Training Programs are available for a functional purpose. In the case of a project aiming to change some organizational and social standards by referring to some noteworthy experiences of Japan, you can significantly promote the project’s development by providing several people with opportunities to hear and compare their ideas with the Japanese style as one example in the early stages of project formulation. Basically, planning Country-focused Training programs are given priority for that purpose, but it is often not carried out due to a capacity of implementing organizations or budgetary constraints. Instead, the effective use of Group and Region-Focused Training Programs would be expected.

Case: The Project for Strengthening District Health Services in Morogoro Region in Tanzania

“The Project for Strengthening District Health Services in Morogoro Region” is a technical cooperation project in Tanzania which was carried out between 2001 and 2006. 26 members among the counterparts consisting of administrators and medical officers from the regional government and six districts in the target region (1 city, 5 prefectures) were dispatched to Japan to participate in the training programs of “local health services” and “maternal and child health”, and they formed a group to lead the project in each support region (22 participants for Region-Focused Training Programs, 2 participants for Country-Focused Training Programs, and 2 participants for Country-Focused Training Programs of other countries). These counterpart groups contributed to structuring the administration model to carry out formulation, evaluation and monitoring of regional and district health measures based on the actual data collected at the sites of medical activities. This project is also highly appreciated by the Tanzanian government and is to be implemented throughout the nation from fiscal year 2007.

<For improving the effect and impact of project implementation>

Option 4: Dispatching key person to Japan outside of Project's framework

For technical cooperation projects and development studies, officials of partner countries are basically dispatched to Japan under the framework of Counterpart training. However, since program approach is becoming a standard, it is justified more than before that personnel from partner countries who are involved in projects are dispatched to Japan. However, in some cases, certain important personnel is excluded from the framework of R/D. An example can be the case of new policy making, when concepts are introduced to high-level ministry officials that are usually regarded as external factors of the project but are, in reality, closely linked with the achievement of project objectives. Although they may not be direct players of the project, they play important roles in the supervision of projects.

In these cases, it is generally required that a new official request be issued for a Country-focused Training program and that an international agreement be concluded to carry out the program. To save transaction costs, the effective use of a line-up of about 500 Group and Region-Focused Training Programs is recommended. Please apply for the Group and Region-Focused Training Programs of your needs at the time of the request survey.

Moreover, if partner countries take part in Group and Region-Focused Training Programs by using the allotment of Country-Focused Training program, it is possible to add special programs before or after the Group and Region-Focused Training Programs based on needs of projects. On the other hand, if they participate in Group and Region-Focused Training Programs by using the allotment of Group and Region-Focused Training Programs itself, addition of special programs cannot be considered. However, it would be flexibly considered to give partner countries opportunities to individually discuss with some Japanese officials concerned during the time of Group and Region-Focused Training Programs.

Option 5: Building consensus among diverse stakeholders

In projects related to regional development and environmental management, stakeholders come with diverse backgrounds. The success of a project is often determined by the collaboration of the stakeholders. As projects become more comprehensive based on the concept of capacity development, these projects which involve people of various levels are expected to be expanded in the future.

As a way to coordinate diverse opinions among stakeholders, a steering committee meeting and a public hearing are generally organized, but it is not always easy to deepen the mutual understanding among participants in such public places. However, when a number of stakeholders participate as a team in Group and Region-Focused Training Programs, their

mutual understanding sometimes generates rapid progress so that projects go smoothly thereafter. In the first place, the participants find common experiences in Japan. In the second place, since they have plenty of time ranging from a week to around two months in Japan, they can engage in thorough discussions to deepen mutual understanding and find ways to address their issues.

As a means to promote consensus building among these stakeholders, the Country-Focused Training programs are more convenient, but the Group and Region-Focused Training Programs are also being prepared to receive a multiple number of participants. When the Country-Focused Training program is not available for your needs due to capacity of implementing organizations, the use of Group and Region-Focused Training Programs instead might be useful.

Case: Technical cooperation project “The Local Management Cooperation Project in Thailand”

This project aims at formulating cooperation measures between local autonomies under the present law by holding many workshops at three pilot sites. High-level stakeholders of each bureaucratic level, including the Director-General of the Department of Local Administration and vice governors of the pilot sites participated in the training program held in Japan. Those executive counterparts who could not usually afford time for a series of meetings were confined in Japan for a certain period to give them time to focus on the magnitude of their project. After the training program in Japan is over, project activities, not only at the pilot sites but also on the part of the Department of Local Administration, have remarkably progressed, as well as achieved a marked improvement in the amendment of the Local Administration Code for local management cooperation.

Option 6: Substituting for a short-term expert

Generally speaking, advanced Japanese knowledge of natural science can be transferred to partner countries. On the other hand, that of social science cannot be transferred easily because it is inseparable from society nor context and Japanese experiences can be only used for reference. Therefore, partner countries need to harness their own knowledge in making policies, structuring systems and promoting organizational and business improvement.

When a project requires inputs of these social scientific “software”, sending personnel from the concerned country to Japan to “uncover” its genuine problems and to create solutions is sometimes more effective than inviting an expert or a consultant from Japan to analyze the problem of a certain country and come up with solutions. In such cases, we substitute the short-term expert program with the Group and Region-Focused Training Programs. The programs focusing system and organizational issues, which are classified as the “Solution Programs”, are carefully prepared to promote problem solutions of partner countries with

notable Japanese experiences.

In addition, the line-up of about 500 Group and Region-Focused Training Programs include programs focusing standard problem-solving methods which would be adapted for issues of specific sectors such as “institutional development,” “human resources development,” “project management,” and “project evaluation.” These programs are implemented with the cooperation of Japan’s leading authorities. However, dispatching such personnel to the local site of a concerned country as an expert or having them individually provide a Country-Focused Training program is generally extremely difficult. Rather, the use of Group and Region-Focused Training Programs is strongly recommended.

Case: Region-Focused Training Program “Seminar on Creating a New Methodology for the Knowledge society ”

The seminar is conducted by Dr. Ikujiro Nonaka, Professor of Graduate School of International Cooperate Strategy, Hitotsubashi University. He is the world’s authority on knowledge management. This program features the “knowledge creation theory” applicable to foreigners, which theorizes on the strong points of Japanese organizations, such as Honda and Seven-Eleven to introduce the key concept of “tacit knowledge”. Public organization in concerned countries, that are interested in Japanese experiences to strengthen their organizations, dispatch a secretary, a director general, and university presidents to participate in the program. They work out practical measures to improve their organizations through the most noteworthy lectures and case studies. For your information, either dispatching heavily engaged Dr. Nonaka as an expert or individually asking him to provide a Country-focused Training program is practically impossible.

***The Knowledge Creation Theory:** *The theory is based on the belief that converting “tacit knowledge” into “explicit knowledge” to share the knowledge of an organization, and increasing the knowledge asset of an organization and its members will boost organizational power as well as bring about the creation of renewed power and behavior to solve problems.*

Option 7: Enhancing impact and sustainability after project completion

After the completion of a technical cooperation project or development study, various measures are sometimes required to enhance impact and sustainability for the outcome. Group and Region-Focused Training Programs may be used as an effective measure just as well as dispatching an expert. If the allotment of a Group and Region-Focused Training Programs is already secured at the time of request survey, you can smoothly undergo it without any other international agreement.

Option 8: Training opportunity for non-projects counterpart

Unlike technical cooperation projects and developmental studies, when counterparts of individual experts or officials involved in individual projects such as in-country trainings, Japan Overseas Cooperation Volunteers (JOCV), or JICA Partnership Programs (JPP) is sent to Japan, it is required in the same manner as Option 7 to issue an official request for an individual program of Country-focused Training and to conclude an international agreement to implement the program. In such cases, Group and Region-Focused Training Programs are also very beneficial. Particularly for the Senior Volunteer of Japan Overseas Cooperation Volunteer (JOCV), or JICA Partnership Program (JPP), we presume that there is significant potential need for these kinds of training programs in Japan.

In the case of Group and Region-Focused Training Programs, although partner countries can sometimes autonomously select applicant organizations and personnel without the intention of the Japanese side, when Japan is able to participate in the selection of applicants, it is recommended to effectively participate in the negotiation to realize desired selection results.

<Flexible responses to particular needs>

Option 9: For use as a substitute for small-scale projects and development studies

One partner country is interested in the use of Japanese methods in the improvement of hospital management or improvement in the system of agricultural extension, but it cannot start a project suddenly. Neither can it add a component by altering the R/D of existing projects. In a case like this, dispatching an individual expert has been the general solution so far. However, using the Group and Region-Focused Training Programs sometimes brings about larger success.

On the other hand, diverse subjects, such as “support for persons with disabilities”, “criminal investigation” and “museum study”, are available in the line-up of Group Training Programs formulated by Japanese proposals. These subjects are often not included within the program approach and therefore, it is difficult to launch projects in these areas. However, when the needs of partner countries are clearly outlined and the relevant organization is ready for commitment, Group and Region-Focused Training Programs can be put to use instead of usual projects to promote effective solutions. For example, if three participants are dispatched to Japan yearly for three years and a Follow-up cooperation is integrated, it will become a decent “small-size project”.

The use of Group and Region-Focused Training Programs in a similar way as projects is particularly suitable for the needs of small-scale development studies of organizations, systems and policies, which should be worked out independently by concerned countries. Dispatching personnel from the concerned country to Japan and formulating improvement

measures often produces qualitatively and economically better results than inviting Japanese consultants who are not qualified to give suggestions as they are not knowledgeable with the local situation. If the partner country has a clear sense of purpose and is ready to take action, the Group and Region-Focused Training Program is the excellent choice.

Case: Region-Focused Training Program: “Support for the establishment of Neonatal Screening for Congenital Hypothyroidism”

For those countries that are actually aiming to systemize neonatal mass screening, this program provides the curriculum to support the formulation of a public system by inviting a group of three experts consisted of a medical administrator, an inspection engineer and a pediatric doctor. In addition, a follow-up cooperation will be carried out to grant examination equipment and reagents. Applying the knowledge and technique acquired through the program, the ex-participants will be able to practice model examinations to verify practical methods and effectiveness of neonatal mass screening to the persons concerned as soon as they return to their home country.

Option 10: Formulating and implementing South-South cooperation programs

To handle issues such as environment or physical distribution that cover wide areas beyond national boundaries, or to handle common issues within regions originating from similarity in social backgrounds, it is effective to promote collaborative efforts among the countries in the region, beyond the bilateral cooperation framework. However, in general, since formulating a wide-area project/program that involves several countries requires a considerable amount of transaction costs and difficulties, such programs are seldom formulated.

On the other hand, Region-Focused Training Program, with limited target regions, can effectively focus such wide-area issues and are available to efficiently help formulate wide-area programs/projects. For instance, within the framework of the Region Focused Training program, workshops can be carried out at the policy-making stage in the first year to determine common issues and to determine the contents of the program for the following years, and then in the second year a program can be implemented for personnel on the working level.

In addition to training programs in Japan, it is possible to conduct supplementary trainings in partner countries, or to dispatch concerned Japanese officials. Furthermore, it is also possible to support local activities with the Follow-Up Cooperation. As far as Region Focused Training Programs are concerned, although the Region Focused Training Programs are multi-national, it is easy to conclude international agreements as they are signed in a form of a list, collectively every year. In the case of wide-area programs regarding policies or systems which do not require large-scale local activities, practically the same objective as technical projects can be achieved effectively by using the framework of the Region-Focused Training Program.

Case: Region-Focused Training Program “Administration of Disaster Management in Central America”

The program began in 2000 to support the construction of a natural disaster-resistant region. It featured sequential activities: preliminary training; training program in Japan; action plans; follow-ups; and preliminary training for the following year’s program. The project is being developed autonomously by ex-participants, including expansion activities, with follow-ups and preliminary training. These are planned and executed by the former JICA participants from the previous year’s program. In 2006, a new program called “Intensive Disaster Management Program for the Central American Region” was launched. The program created further impact by designating former JICA participants as the core of the system, and integrating the Group and Region-Focused Training Programs with a wide-area technical cooperation program and a third country training program.

II. The Usefulness of Group and Region-Focused Training Programs

Group and Region-Focused Training Programs have different features from those of other cooperation schemes: it is a technical cooperation program conducted in Japan, and training is proposed by the Japanese side to partner countries. With these features, Group and Region-Focused Training Programs have the following strengths to help resolve issues in partner countries.

Strength 1: Facilitation of ownership

Promoting initiative from the partner country is the most important and difficult part in any technical cooperation. As is often heard, “His/her attitude and behavior have changed after participating in the training in Japan,” the training in Japan can effectively result in the enhancement of motivation and initiative on the part of the participants.

In the first place, it is very difficult to impart Japanese behavior patterns such as “teaching others by showing a good example” or “placing importance on actual working sites” to people in partner countries. Rather, participants from partner countries often appreciate such values through first-hand experience of the Japanese organization and society. It is also true that people tend to take action when they themselves have come to realize the need rather than when being told to do something by others. In this regard, the Group and Region-Focused Training Programs is a program wherein participants themselves are expected to come up with solutions to the issues of their society and organization instead of being prescribed solutions by the Japanese side, thereby drawing out initiative from the partner countries’ side through a proper follow-up after the training.

A training program in Japan gives participants from partner countries a situation

different from their daily routine. When conducted during the formulation stage or implementation stage of a project. This aspect of the Training Program will help draw out a sense of ownership on the part of the partner country and will help enhance the impact and sustainability of the programs/project.

Strength 2: Facilitation of Organizational & Institutional Changes

As the review of technical assistance is going on globally, much attention is being paid to the importance of organizational and system aspects. Operations of an organization and systems of the society are closely linked with the mechanism peculiar to each country or society. Therefore, it is essentially desirable that they are improved by the ideas and actions of the people of the country or society. Consequently, technical cooperation with regard to such field needs to take a different approach from cooperation in other areas of knowledge such as natural science, various skills, economic theory, etc. which is universal and transferable.

The framework of Group and Region-Focused Training Programs is suited to appropriately support these challenges of organizations/systems. To uncover the genuine root of their issues, and to be convinced of the necessity for improvement, it is most effective for participants from partner countries to have firsthand experience in work sites in Japan. Furthermore, they may come up with a solution to problems better suited to their situation by applying Japan's experiences. The outcome brought about through such a process will excel in effectiveness and will of execution. Currently, support for organizational and system issues are mainly conducted through the proposals and the advice of experts and consultants dispatched from Japan. In JICA's efforts to strengthen involvement in "capacity development" on organizational and social levels, there is still much room to further utilize these advantages of the trainings in Japan.

While there is much difference between the situation in Japan and that of a partner country, there are often cases wherein Japan's experiences cannot be applied as they are. Therefore, as part of the reform in training programs, efforts are being made to improve the "commercial value" of Japan's experiences, which will further help promote recognition and creativity in partner countries. These efforts include systematizing the method of introducing Japan's experiences, the development of core text materials, conversion from one-way lectures and observational tours to case studies, and such.



Comparative Advantages of Group and Region-Focused Training Programs over Country-Focused Training Programs

The training programs in Japan are mainly divided into two groups: Group and Region-Focused Training Programs and Country-Focused Training Programs. The former is comprised of: 1. Region-Focused Training which is limited to particular regions. 2. Group Training Programs which is not limited to any region. Country-Focused Trainings Programs are planned and implemented based on the request of the recipient country, and therefore the programs can generally correspond to the particular needs of the participants as compared with Group and Region-Focused Training Programs. Therefore, when considering the utilization of training under a JICA program/project, a recipient country generally requests a Country-Focused Training Program. However, as is written below as items a) and b), when Group and Region-Focused Training Programs can provide higher quality substance, or when it is difficult to implement a Country-Focused Training, it would be advisable to select from the list of Group and Region-Focused Training Programs most suited to your needs.

- a) When it is difficult for a Country-Focused Training Program to provide high quality substance

There are quite a number of Group and Region-Focused Training Programs proposed by

the Japan side which have been improved over the years and are carefully prepared before implementation of every program. As for knowledge in the social sciences, which is difficult to acquire through routine visit, Group and Region-Focused Training Programs often provide more appropriate contents that contain various clues to recognize what is important, as compared with Country-Focused Training Programs, which is prepared in 2-3 months.

b) When a Country-Focused Training Program is difficult to implement due to implementing circumstances

Due to recent circumstances in Japan, it has become more difficult to have cooperation from domestic organizations in training programs with little financial advantage. Regardless of the number of participants, whether it is one or more than ten, the amount of effort needed to plan and prepare a program is not much different. Therefore, it has become more difficult to obtain cooperation as far as Country-Focused Training Programs are concerned. Moreover, it is not easy to obtain consent for additional training programs from organizations that already conduct Group and Region-Focused Training Programs of the same content.

Furthermore, other improvements are being carried out to make the Group and Region-Focused Training Programs more useful in support of the JICA programs/projects: for example, making group training programs respond better to individual needs, and making the most of the synergy of multinational programs where different experiences can be shared.

II. Program Outline



(Photo: Kenshiro Imamura)

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South-South Cooperation 南南協力

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(1) Education : Basic Education

	Standard Category		Leaders Training Program						
	Type	Group		Region-focused	Long-term				
	Program No.	0980004	0980209	0984230	0981104	0981105	0981138	0981144	0981148
Program Title	Practice of Science Education for Secondary School	Seminar on the Promotion of Education for Girls and Women	Science and Mathematics Education Improvement for Middle East	Engineering Science for Sustainable Development in Harmony with Environments	Development of human resources in the field of engineering for strengthening industry and economy (Master's Degree: Engineering)	Biological Sciences (Master's or Doctor's Degree: Agriculture)	Enhancing the Quality of Primary and Secondary Education in Sub-Saharan Africa	Educational Technology-based Instructional Systems (Master's degree: Instructional System)	
Target Group	Teachers	Gov. Official	Teacher Trainer	Engineer Researcher	Gov. Official, Researcher	Gov. Official, Researcher	Gov. Official, Teacher	Gov. Official	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1.Expansion of Primary and Secondary Education	1-1.Promotion of Enrollments in Primary and Secondary Education								
	1-2. Qualitative Improvement of Primary and Secondary Education	●		●				●	●
2.Reduction of Disparities in Education	2-1.Reduction of Gender Disparities		●						
	2-2.Reduction of Urban/Rural Disparities								
	2-3.Assurance of Educational Opportunities for Children with Special Needs: Ethnic and Economic Minorities, Nomadic Children, Orphans, Refugees, Children with Disabilities, etc.								
3.Satisfaction of Educational Needs of Youths and Adults (Literacy, Numeracy & Life skills)	3-1.Acquisition of Literacy and Numeracy by Youths and Adults								
	3-2.Acquisition of Life Skills by Youths and Adults								
4.Expansion of Infant Care and Early Childhood Education	4-1.Expansion of Infant Care								
	4-2.Expansion of Early Childhood Education Programs								
5.Improvement of Educational Management	5-1.Establishment of Political Commitment								
	5-2.Enhancement of Educational Administration System				●	●	●		
JICA CENTER	CIC	TIC(Human)	SKIC	OSIC	CBIC	CBIC	CIC	OIC	
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		Trainers Training Program					Solution Creation Program					
		Group	Region-focused				Group					
0981103	0981208	0980898	0984009	0984037	0984053	0984061	0980038	0980041	0980054	0980077	0980078	0980081
Improvement of Mathematics and Science Teacher Education (Master's Degree: Mathematics and Science Education)	Healthcare Administration (Master's Degree: Science)	Intensive Course on Museology	Quality Improvement in Science of Primary Education ("Teaching and Learning" at on-site education)	Mathematics Education in Primary and Secondary School in Pacific Small Island States	Early Childhood Education in Central and Western Africa	Expansion of Pre-Primary (Baby and Infant) Education for Middle East Countries	School Health	Improving Teaching Methods in Science and Mathematics in Primary Education	Improvement on Regional Disparity in Basic Education	Study on Education Improvement of Training Course of Teacher	Improving Teaching Methods in Science and Mathematics in Primary Education (University of Tsukuba)	Study on Education Improvement of Training Course of Teacher for Asian and African Countries
Gov't Official, Teacher	Gov. Official	Museum Officer			Gov't Official	Government Officials, Preschool director, teacher	Gov't Official	Primary school teacher, Lecturers in teacher	Government Officials	Government Officials, Lecturers in teacher training institution	educational administrator, teacher, instructor	Government Officials, Trainers, Professionals for teacher training
New	New	Revise	Revise	Revise	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
									●			
●			●	●			●	●		●	●	●
									●			
	●	●		●				●	●	●	●	●
SKIC	CBIC	OSIC	OBIC	SKIC	TIC(Human)	YIC	CBIC	SIC	OIC	THIC	TBIC(Training and Partnership)	TIC(Human)
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Solution Creation Program

Group				Region-focused							
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Study on Educational Improvement of Teacher Training Courses for French Speaking African Countries	Study on Education Improvement of Training Course of Teacher for Latin American Countries	Study on Education Improvement of Training Course of Teacher for African Countries	Capacity Development for Research-based Policy Formulation towards Quality Improvement in Education for Sub-Saharan Africa	INSET Management for Francophone Countries in Africa	Teaching Methods in Mathematics for South American Countries	INSET Management For Francophone Countries~Assistance for Introduction and Improvement of School-Based Teacher's Training	Seminar for Educational Evaluation and Monitoring	Strengthening of Local Education for SMASE-NECSA for Sub-Saharan Africa	School Management Development for Central and South America	Promotion of Non-formal Education for Asia	Special Needs Education for South American Countries
	Univ. teacher, dean, teacher at teacher training school	Government Officials, Lecturers in teacher training institution	Univ. teachers, Government Officials,	Government Officials, instructor	Primary School Teacher etc.		Government Officials, National trainer	Gov. Official, Lectures in teacher, School director	Gov. officials, School director	Gov. officials	Specialist, Principal, Professor
Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise
●	●	●	●		●	●	●	●	●		
										●	●
										●	
										●	
●	●	●	●	●	●	●		●	●		
OSIC	TBIC(Training and Partnership)	KIC	CIC	CIC	TBIC(Training and Partnership)	SKIC	TIC(Human)	SIC	TBIC(Training and Partnership)	CIC	TBIC(Training and Partnership)
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0984016	0984040	0984258
Improvement of school management in Sub-Saharan Africa II	Education in Japan: Applying Japan's Experience to Developing Countries for Latin American Countries II	INSET Management for Anglophone Countries in Africa
Educational administrative officer, Manager of primary school	Director, sub-director of department	Gov. officials, instructor
Revise	Revise	New
●		
●		
●	●	●
HRIC	TBIC(Training and Partnership)	CIC
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(2) Education : Technical and Vocational Education and Training

	Standard Category	Leaders Training Program					Trainers Training Program	
	Type	Group		Region-focused		Long-term	Group	
	Program No.	0980346	0980571	0984211	0984225	0981106	0980785	0980886
	Program Title	Seminar on Human Resource Development Administration	Enhanced Mechatronics Technology for VET Instructors	Improvement of TVET Management with public-private partnership (PPP) for BMENA Countries	Vocational Training for its Application to Businesses for Central and South America	Engineering Technology (Master's Degree: Engineering)	Vocational Training Instructors (Step up the technical basis for South-South Cooperation and spreading know-how through the domestic training centers)	Practical Technology for Mechatronics and Robots
Target Group	administrator	instructor	administrator	administrator, instructor	Technical Official	instructor	instructor	
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise
1. Human Resources Development for Industries	1-1. Establishment of System and Organization	●				●		
	1-2. Enhancement of Partnership with Industry			●	●			
	1-3. Improvement of Quality in Education and Training		●				●	●
2. Enhancement of Opportunity for Livelihood Improvement	2-1. Provision of Basic Training Programs for Youth and Adults							
	2-2. Improvement of system and institutions for training programs							
JICA CENTER		YIC	YIC	YIC	KIC	OIC	YIC	KIC
PAGE		150	151	151	152	154	157	158

Solution Creation Program		
Group		
0980345	0980869	0980891
Seminar on Training Management in Vocational Training Institutions	ENHANCEMENT OF VOCATIONAL TRAINING	Industrial Technology Education
principal		administrator
Cont.	Revise	Revise
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YIC	YIC	CBIC
174	175	176

(3) Health : Health System

	Standard Category	Leaders Training Program									
	Type	Group									
	Program No.	0980001	0980005	0980008	0980010	0980219	0980321	0980959	0980965	0980998	0984015
	Program Title	Mycotoxin Inspection in Food	Occupational and Environmental Health Management for Sustainable Development	Agricultural Medicine and Rural Health - Occupational Hazard of Agriculture and Community Health in Rural Area-	Hospital Management	Women Leaders' Training on Health Promotion and Nutrition Improvement	Prosthetic and Orthotic Technique	Hospital Administration and Health Services Management	Drug Abuse Prevention Activities	Medical Staff Training Course	Clinical Laboratory Technology for Francophone African Countries
	Target Group	Food inspector	doctor, nurse, scientist	Medical Doctor, Middle-level Government Officials	doctor	Health & Medical Professionals	technician	Health & Medical Professionals	NGO, Gov. official	Radiological Technologist, Physical or Occupational Therapist	Senior medical technologists or engineers
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Stewardship	1-1. Health Policy										
	1-2. Organization							●			
	1-3. System				●						
2. Creating Resources	2-1. Human Resources	●	●	●	●			●			●
	2-2. Physical Assets				●						
	2-3. Financing				●						
3. Delivering Services	3-1. Common Issues					●		●			
	3-2. Maternal and Child Health					●					
	3-3. Communicable Diseases Control										
	3-4. Lifestyle-Related Diseases					●					
	3-5. Other Issues	●	●	●				●	●	●	●
	JICA CENTER	HIC	KIC	KIC	KIC	OBIC	TIC(Human)	TIC(Human)	TIC(Human)	HIC	OSIC
	PAGE	476	334	190	190	191	334	192	193	193	194

Region-focused								Trainers Training Program					
Region-focused				Long-term				Group				Region-focused	
0984044	0984131	0984228	0984318	0981108	0981111	0981142	0981201	0980738	0980816	0980957	0980985	0984059	0984077
Improvement of Blood Screening for Central American Countries	Medical Equipment and Maintenance for Central and South America	Improvement of Public Health for Reconstruction in the Middle East Countries	Radiation Protection, Radiation Diagnosis and Radiation Therapy for Cancer (Fundamental Medical Sciences)	Health Professionals (Master's degree: Health Science)	National Institute of Public Health Master of Public Health Administration in International Health for Public Health Officers	Medical Science for Dermatology	Public Health Management Program (Master's Degree: Science in International Cooperation Policy)	Cardiovascular Diseases	Oral Health Science Education	Latest Cancer Diagnosis and Treatment	Lifestyle-Related Diseases Prevention	Disaster Nursing and Rehabilitation Course in Asia	Medical Equipment Maintenance for Central Asia
		officer	Doctor	Administrative Officer, Health & Medical Professionals	Health & Medical Professionals	Those who completed TCTP	Officer	medical doctor	Lecturer in Dental Education Institution, Dentist	MD	Doctors, Officers for prevention measures	Administrator for disaster management, Director of physiotherapist, occupational therapist	Engineer, Technical Staff
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KIC	THIC	KIC	TIC(Human)	OIC	TIC(Human)	TIC(Human)	KIC	OSIC	KIC	TIC(Human)	OBIC	TIC(Human)	THIC
194	195	196	197	197	198	198	199	200	203	205	206	208	209

Trainers Training Program		Solution Creation Program											
Region-focused		Group											
0984080	0984126	0980038	0980101	0980255	0980907	0980908	0980913	0980914	0980960	0980961	0980039	0980873	0984024
Medical Equipment Maintenance (Portuguese-Speaking Countries in Africa)	Advanced Course: Detection of Early Gastrointestinal Cancer and Related Digestive Tumors in Middle and South America	School Health	Improvement of Infectious Disease Control and Other Health Issues through Enhancement of District/Provincial Health System	Nursing Management	Study Programme for the Senior Social Welfare Administrators	Study Programme on Drug Abuse and Narcotics Control	Study Programme for Pharmaceutical Affairs Experts	Study Programme on Manufacturing Control of Essential Drugs -GMP Course-	Health Systems Management	Clinical Laboratory Technology	Food Sanitation Administration	Group Training Course for Hospital Pharmacy	Health Administration for regional health officer for Africa
Engineer, Technical Staff	doctor	Officers	Administrative Official		Gov. Official	Gov. Official	Gov. Officials	Gov. pharmaceutical inspectors		Clinical Laboratory Technician	Technical Officer		Administrative Officer
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THIC	TIC(Human)	CBIC	KIC	TIC(Human)	TIC(Human)	TIC(Human)	TIC(Human)	TIC(Human)	TIC(Human)	TIC(Human)	KIC	TIC(Human)	SIC
210	211	164	216	218	346	318	229	230	231	232	213	227	235

Region-focused									International Dialogue Program		
Region-focused									Group		
0984043	0984072	0984099	0984235	0984247	0984056	0984260	0984262	0984293	0980741	0980906	0980925
Hospital Administration for Latin American Countries	Improvement of Regional Health Care for JOCV's Counterpart personnel in French-speaking African countries	Comprehensive Prevention Approach in Health Care for the Pacific Ocean Islands	Community Health Administration for Improvement of Regional Disparity in Anglophone Africa	Nurse Education for Africa	Medical Institution Management for Southeast European Countries	Lifestyle-Related Diseases (LSRD) Prevention in the Community Health Setting in the Pacific Region	Evidence Based Public Health and their application to the health policies	Quality Improvement of Health Services by SS-TQM	Seminar for Health Policy Development	Future Health Planning based on Health Forecasting Method	Seminar for Food Safety Policy Making and Management
	Administrative officers, health worker	Doctor, Nurse, Midwife	Administrative Officer	Nursing instructor	Officer, Doctor	Regional health worker	Policy maker, administrative Official	High-level government officials, Director of a hospital	High-level Government Officials	High-level Government Officials	Gov. official
Cont.	Cont.	Cont.	Cont.	Cont.	Revise	New	New	New	Cont.	Cont.	Cont.
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OSIC	HIC	KIC	OIC	OSIC	KIC	HRIC	OIC	TIC(Human)	TIC(Human)	YIC	TIC(Human)
236	239	240	245	247	238	248	249	251	252	252	253

(4) Health : Communicable Diseases Control

	Standard Category	Leaders Training Program						Trainers Training Program					
	Type	Group				Region-focused		Group					
	Program No.	0980219	0980367	0980813	0980920	0984015	0984044	0980739	0980787	0980086	0980101	0980773	0980819
	Program Title	Women Leaders' Training on Health Promotion and Nutrition Improvement	Vaccine Quality Control Technology	Clinical Medicine and Research for Tropical Doctors	Advanced Research Course on Control of Zoonosis for Food Safety	Clinical Laboratory Technology for Francophone African Countries	Improvement of Blood Screening for Central American Countries	Laboratory Diagnosis Techniques for Global Polio Eradication	Laboratory Management for Diagnosis and Monitoring of HIV Infection	HIV/AIDS Diagnosis, prevention and Control Plan	Improvement of Infectious Disease Control and Other Health Issues through Enhancement of District/Provincial Health System	The Specialist of Mesosocial Infection Control and Prevention	Control of Viral Hepatitis - Epidemiology, Prevention and Treatment
	Target Group			Medical Professional	Researcher, veterinarian		Gov. official, doctor	Laboratory Technician	Medical professional		Administrative Official	MD, Nurses,	Medical Doctor
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Strengthening capacity concerning cross cutting issues of infectious disease control	1-1 Reinforcement of health policy planning capacity						●						
	1-2 Strengthening health system						●			●			
	1-3 Strengthening surveillance system												
	1-4 Improvement of prevention system				●		●					●	●
	1-5 Strengthening technical capacity and implementation system of examination				●	●	●						●
	1-6 Strengthening system for diagnosis and treatment						●						●
2. HIV/AIDS Strengthening HIV/AIDS control program to reduce HIV infection and to improve the quality of life of people living with HIV/AIDS and their families	2-1 Strengthening of HIV prevention program								●	●			
	2-2 Strengthening of quality HIV testing and counseling services (comprehensive VCT and Providers-Initiated Testing and Counseling)									●			
	2-3 Strengthening the system of diagnosis and treatment services			●					●	●			
	2-4 Strengthening care and support for people living with HIV/AIDS and their families	●								●			
	2-5 Strengthening HIV/AIDS management capacity through health system improvement and integration with other health programs									●			
3. Tuberculosis Strengthening Tuberculosis management capacity of National Tuberculosis Program(Counterpart Organizations) to achieve the global target DOTS case detection rate of 70% or more and TB cure success rate of 85% or more.	3-1 Strengthening capacity to implement quality DOTS												
	3-2 Strengthening capacity to implement quality Beyond DOTS for more vulnerable people												
	3-3 Pediatric TB control, Hospital DOTS												
4. Parasitic disease including Malaria Reinforcement of system to decrease prevalence and mortality	4-1 Strengthening the system to prevent epidemics				●								
	4-2 Improvement of diagnosis and treatment services			●									
	4-3 Strengthening management system for parasite control				●								
5. EPI and Polio Strengthening measures for reduction of mortality and morbidity of vaccine-preventable diseases through improving immunization coverage rate	5-1 Strengthening capacity for planning and monitoring of EPI activities		●					●					
	5-2 Strengthening implementation of immunization programs												
	5-3 Strengthening promotion of immunization programs												
6. Emerging infectious disease Reinforcement of system to control emerging disease infection	6-1 Preparatory measures and prevention activities for outbreaks											●	
	6-2 Strengthening system for surveillance, examination, diagnosis and treatment				●								
	JICA CENTER	OBIC	OSIC	KIC	OBIC	OSIC	KIC	TIC(Human)	TIC(Human)	OSIC	KIC	TIC(Human)	KIC
	PAGE	191	191	192	480	194	194	201	202	214	216	221	222

Solution Creation Program								International Dialogue Program	
Group							Region-focused	Group	
0980820	0980823	0980910	0980960	0980961	0980964	0980966	0984201	0980741	0980906
Prevention and Control Measures of AIDS	Enhancement of Community Health Systems for Infection Control	Study Programme on Communicable Diseases Control	Health Systems Management	Clinical Laboratory Technology	Stop TB Action Training Course	Tuberculosis Laboratory Network for DOTS Expansion	Biosafety for Emerging Diseases for Asia	Seminar for Health Policy Development	Future Health Planning based on Health Forecasting Method
Medical Doctor, Medical administrator	Administrative Official	health administrator	Middle-level Gov. Officials	Clinical Laboratory Technician	Gov. official, doctor	technician	Laboratory Technician	High-level Gov. Officials	High-level Gov. Officials
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KIC	OIC	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	YIC
223	224	228	231	232	233	234	244	252	252

(5) Health : Maternal and Child Health/Reproductive Health

	Standard Category	Leaders Training Program			Trainers Training Program				
	Type	Group	Region-focused		Group			Region-focused	
	Program No.	0980367	0984192	0984227	0980739	0980787	0980911	0984013	0984239
	Program Title	Vaccine Quality Control Technology	Human Resource Development in the field of Maternal and Child Health in Francophone Africa	Women's Health and Maternal and Child Health Support for the Middle East Countries	Laboratory Diagnosis Techniques for Global Polio Eradication	Laboratory Management for Diagnosis and Monitoring of HIV Infection	The Maternal and Child Health and Welfare Workshop	Maternal and Child Health Promotion Based on Community in Central and South America	Safe Motherhood Midwifery Course for Asia
	Target Group	Quality control officer	senior level lecture of Training Institution for nurse, midwife	nurse, midwife, officer, doctor	Laboratory Technician	Medical Professional	Health Administrator	Nurse in charge of management, Administrator	GO, NGO
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Improvement of Major Reproductive Health Issues in Development	1-1. Improvement of Maternal Health		●	●			●	●	●
	1-2. Reduction of Infant Mortality /Morbidity	●	●		●		●	●	●
	1-3. Reduction of Unwanted Pregnancy			●		●		●	
2. Improvement of Women-Specific Health Problems and Measures against Infertility	2-1. Measures against disorders and risks to Health by the life stage								
	2-2. Measures against infertility								
3. Gender Equality and Women's Empowerment	3-1. Elimination of Unequal opportunities between Men and Women								
	3-2. Reduction of Violence against Women and Sexual Violence			●					
	3-3. Promotion of Understanding and Participation by Men								
	3-4. Promotion of Social Participation of Women and Improvement of their Economic Power								
4. Establishment of System to Improve Reproductive Health	4-1. Establishment of political commitment								
	4-2. Reinforcement of Administration Systems for Health		●	●					
	JICA CENTER	OSIC	SIC	KIC	TIC(Human)	TIC(Human)	TIC(Human)	OIC	OSIC
	PAGE	191	195	196	201	202	204	207	212

Solution Creation Program												
Group							Region-focused					
0980093	0980110	0980255	0980707	0980757	0980820	0980868	0984051	0984107	0984122	0984130	0984238	0984263
MATERNAL HEALTH (Assistance for Improvement of Regional Level Maternity Care)	HUMAN RESOURCE DEVELOPMENT FOR THE RURAL COMMUNITY-HEALTH	Nursing Management	Workshop on Reproductive Health strategy for NGO Senior Officers-Capacity Development of NGO Towards Sustainability-	Maternal and Child Health	Prevention and Control Measures of AIDS	Workshop on Improving Adolescent Sexual and Reproductive Health (ASRH)	Maternal and Child Health for French-Speaking African Countries	Nursing Management of Maternal and Child Health for African Countries	Workshop on BCC Strategy for Improving Reproductive Health Status for African Countries	Support for the Establishment of Neonatal Screening System for Middle East Region	Workshop on Safer Motherhood Strategy for Asia (Improvement of Conducive Environment for Mothers at the Community Level)	New Born & Child Health Care for Africa
Medical officers in relevant field	nurse, midwife, officer, doctor	Nurse in charge of management Administrator	NGO	Nurses, Midwives, Lecturer in charge of nurse or midwife training	medical doctor, medical administrator	GO, NGO	Nurses, Midwives	Nurses, Midwives	GO, NGO	Governmental official, Pediatrician, clinical technician	Nurses, Midwives	Health Departments of local governments, Hospitals incharge of New Born & Child Care
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	New
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HIC	KIC	TIC (Human)	TIC (Human)	SIC	KIC	TIC (Human)	TIC (Human)	TIC (Human)	TIC (Human)	SIC	TIC (Human)	OSIC
215	217	218	219	220	223	226	237	241	242	243	246	250

(6) Water Resources/Disaster Management : Water Resource

	Standard Category	Leaders Training Program										
	Type	Group					Region-focused					
	Program No.	0980006	0980229	0980944	0980962	0980997	0984018	0984027	0984143	0984223	0984233	0980083
	Program Title	Domestic Waste Water Treatment Techniques	Non-Revenue Water Management	Engineering on Water Supply Systems	Water Environmental Monitoring	The Environmental Management of Enclosed Coastal Seas	Sewage treatment technique for Central and South America	Water Supply in Small and Medium Scale Cities in Central Asia	Waterworks Engineering for Caucasus and East Asia Regions	Integrated Arsenic Mitigation for Asian countries	Integrated Water Resources Management for Middle East	Urban Waterworks Engineering
	Target Group		Officer, technical officer, researcher	Engineer	Engineer	Officer, technical officer, researcher	Engineer	Senior Engineer	Engineer	Officer, technical officer	Administrative officer	Senior Engineer
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Promoting Integrated Water Resources Management	1-1 Institutional Strengthening to Promote IWRM										●	
	1-2 Promoting River Basin Management										●	
	1-3 Effective management of cross-national river											
2. Ensuring Efficient and Sustainable Supply of Safe Water	2-1 Controlling Water Demands		●					●	●			●
	2-2 Increasing Water Supplies with Water Resource Development			●				●	●			●
	2-3 Conserving Water Quality (both at Source and at the Tap)			●	●	●		●	●	●		●
	2-4 Ensuring Equitable Water Allocation		●	●				●	●			●
3. Improving Flood Control to Protect Lives and Properties	3-1 Institution Building for Disaster Preparedness											
	3-2 Strengthening Erosion and Sediment Control for Debris Hazards Mitigation											
	3-3 Promoting Flood Mitigation											
	3-4 Strengthening seaside preservation measure					●						
4. Conserving the Water Environment	4-1 Improving the Capacity for Water Environmental Management				●	●	●			●		
	4-2 Developing Wastewater Treatment Facilities	●				●	●			●		
	4-3 Promoting Water Environmental Conservation in Public Waters				●	●	●			●		
JICA CENTER	KIC	CBIC	TIC(Economic)	TIC(Economic)	HIC	CIC	YIC	SIC	KIC	TIC(Economic)	YIC	
PAGE	602	256	258	607	609	609	259	261	262	263	265	

Trainers Training Program				Solution Creation Program											International Dialogue Program
Group			Region-focused	Group							Region-focused				Region-focused
0980763	0980870	0980890	0984248	0980043	0980065	0980815	0980822	0980915	0980074	0980839	0984073	0984042	0984184	0984297	0984278
Waterworks Engineering	Operation and Maintenance of Urban Water Supply System	Appropriate Management of Land and Water Resources for Effective Utilization in Arid/Semi-arid Regions	Community Empowerment through Safe Water Management for Arid Regions in French Speaking Africa	Training Course for Expert on Flood-related Disaster Mitigation	Comprehensive Management of River and Dam	Industrial Wastewater Treatment Technique	Marine Environment Protection for Senior Officials in the Maritime Authorities and Law Enforcement Authorities	The Seminar on administration by Competent Authorities for Better Management of Water	Effective use of industrial water and re-use of waste water	Integrated Water Resources Management	Water Supply Management for Middle Eastern Countries ~Maintenance of distribution pipeline and Leakage prevention~	Water quality monitoring for effective usage of water resources in Central Asia	Management of Urban Water Systems for Southeast European Countries	Policymaking of Water Environmental Management in Middle East and African countries	Workshop for enhancement of the governmental capacity on water environment in Asian countries
Engineer		Engineer, Researcher	Administrative officer	Administrative Officer, Engineer, Researcher	Administrative Officer, Engineer	Engineer	Officer	Administrative Officer	Administrative Officer	Administrative Officer	Administrative Officer, Engineer	Engineering Official, administrative officer	Engineering Official, administrative officer	Administrative Officer	Administrative Officer & Analyst
Cont.	Revise	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	Cont.	Revise	Revise	New	New
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SIC	OSIC	CIC	SIC	TBIC(Training and Partnership)	TBIC(Training and Partnership)	KIC	OIC	TIC(Economic)	TIC(Ind'l)	TIC(Economic)	CIC	CBIC	SIC	SKIC	YIC
267	269	500	275	277	278	629	651	283	279	281	286	637	288	290	652

(7) Water Resources/Disaster Management : Disaster Management

Standard Category	Leaders Training Program													
	Type	Group				Region-focused					Long-term	Group		
	Program No.	0980035	0980875	0980876	0980887	0984047	0984118	0984133	0984139	0984219	0981113	0980221	0980342	0980814
Program Title	Operating Management of Earthquake-Tsunami-Volcano Eruption Observation System	Seismology, Earthquake Engineering and Disaster Management Policy	Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide	Global Seismological Observation	Disaster Prevention Management for Central Asia and Caucasus	Management of Medical Service in Disaster For Andean countries	Control de Desastres	Mental Health Services after Disaster for Asian Countries	Comprehensive Strategy for Recovery from Natural Disasters for Middle East and Asian countries -Lessons Learned From the Great Hanshin-Awaji Earthquake Case	Development and utilization of mitigation technologies for slope-induced disasters in developing countries (Master's or Doctor's Degree : Engineering)	Disaster Mitigation, Preparedness and Restoration for Infrastructure	Rescue Techniques	Fire Fighting Techniques	
Target Group	Government Official, Researcher	Administrative officer, Engineer, Researcher	Engineer, Researcher	Administrative Officer	Govt. officials	Govt. officials, Doctors, Medical Professionals	Govt. officials	Doctors, Medical Professionals	Govt. officials	Engineer, Researcher	Administrative officer, Civil Engineer	firefighter	firefighter	
Development Strategic Objectives	Cycle	New/Cont.	Cont.	Revise	Revise	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Building of disaster-tolerant community and society (prevention)	2. First-aid	Disaster Management	●			●		●						
		Earthquake		●		●				●				
		Tsunami		●										
		Flood / Sediment Disaster/ Storm Surge				●					●			
		Volcanic Eruption				●								
		Weather/ Climate												
		Fire Defense Search & Rescue												
2. First-aid that reaches victims rapidly and effectively (protect lives)	2. Response	Disaster Management				●					●			
		Earthquake								●				
		Tsunami												
		Disaster Medicine						●		●				
		Fire Defense Search & Rescue										●	●	
3. Accurate changeover toward recovery, reconstruction and implementation	3. Recovery/ Reconstruction	Disaster Management									●			
		Earthquake								●				
		Disaster Medicine								●				
JICA CENTER	OBIC	TBIC(Training and Partnership)	TIC(Economic)	TBIC(Training and Partnership)	HIC	HIC	HIC	HIC	HIC	TIC(Economic)	OSIC	OSIC	KIC	
PAGE	256	257	257	258	259	260	260	261	262	263	266	303	308	

Trainers Training Program						Solution Creation Program										International Dialogue Program
Region-focused						Group						Region-focused				Region-focused
0980933	0984005	0984151	0984152	0984220	0984309	0980043	0980065	0980796	0980807	0980999	0980892	0984064	0984165	0984264	0984065	
The Group Training Course in Fire Prevention Techniques	Dissemination and Establishment of Disaster Prevention Culture for Asian Countries	Safer School against Disasters (dissemination of anti-seismic building for communities) in South West Asian Countries	Development of Coordinators for Disaster Nursing for Middle East and Asian countries	Community-based Disaster Prevention – Introduction of Kobe's Efforts for Middle East and Asian Countries	Training on Firefighting command techniques	Training Course for Expert on Flood-related Disaster Mitigation	Comprehensive Management of River and Dam	Emergency / Disaster Medicine	Warning Search and Rescue and Disaster Prevention Course for Policy Planners	Comprehensive Disaster Risk Management	DRR (Disaster Risk Reduction) Strategy for Urban Earthquake	Local emergency operation plan with flood hazard map	Tsunami Disaster Mitigation	Volcanic Disaster Prevention and Management for Central and South America	JICA Disaster Network for Asia	
Government Official, firefighter	Govt. officials	Technical officials, Govt. officials	Nurses	Govt. officials	firefighter	Administrative Officer, Engineer, Researcher		Govt. officials, Medical Professionals	Govt. officials	Govt. officials	Govt. officials, Researcher, Medical Professionals	Administrative Officer	Administrative Officer, Engineer, Researcher	Administrative officer, researcher, NPO	Govt. officials, Medical Professionals	
Cont.	Cont.	Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	Revise	New	Cont.	
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TIC(Public)	HIC	HIC	HIC	HIC	TIC(Public)	TBIC(Training and Partnership)	TBIC(Training and Partnership)	OSIC	HIC	HIC	HIC	TBIC(Training and Partnership)	TBIC(Training and Partnership)	SIC	OSIC	
270	271	272	273	274	276	277	278	280	361	284	282	285	287	289	291	

(8) Governance : Administrative Institutions

	Standard Category	Leaders Training Program						
	Type	Group				Region-focused		
	Program No.	0980320	0980931	0980996	0980846	0984203	0984299	0981114
	Program Title	Seminar on National Government Administration for Senior Officials	Customs Administration	Immigration Control Administration (Asian Countries)	International Seminar on Taxation (Senior Course)	International Taxation for Asia	Enhancement of Governance for Building Peace in Francophone Africa	Governance Studies/Public Policy
Target Group	Officer	Officer			Officer	Officer	Officer	
Development Strategic Objectives	Objectives New/Cont.	Cont.	Cont.	Cont.	Revise	Cont.	New	Cont.
1. Improvement of the efficiency and effectiveness of administrative functions	1-1 Reinforcement of general coordination functions	●						
	1-2 Human resource development	●		●	●		●	●
	1-3 Public finance		●		●	●		
	1-4 Improvement of transparency of governance							
JICA CENTER	TIC(Public)	TIC(Ind'l)	OSIC	TIC(Ind'l)	TIC(Ind'l)	TIC(Public)	TIC(Public)	
PAGE	295	296	298	295	299	332	300	

				Trainers Training Program					
Long-term				Group				Region-focused	
0981121	0981135	0981143	0981203	0980569	0980709	0980845	0980867	0984162	0984234
Economic Policy Design and Management in Asia	International Development	Peace and Conflict Studies (Tokyo University of Foreign Studies)	Future Leader's Program for International and Regional Cooperation (Capacity Building for Effective Aid Administration: M. A. in International Relations)	Seminar on Government Human Resource Management for Senior Officials	Seminar on Government Audit	International Seminar on Taxation (General Course)	Seminar on Public Personnel Administration for Middle Level Officials	Seminar on Government Audit System for Central Asian and Caucasus Countries	Seminar on Contract Administration for Japanese ODA Loan Projects in Asia
Officer	Officer	Officer	Officer	Officer	Auditor			Auditor	
Cont.	Cont.	Cont.	New	Cont.	Cont.	Revise	Revise	Cont.	Cont.
			●						
	●	●	●	●		●	●		●
●						●			
					●			●	
TIC(Ind' l)	TIC(Ind' l)	TIC(Public)	TIC(Ind' l)	TIC(Public)	TIC(Public)	TIC(Ind' l)	TIC(Public)	TIC(Public)	TIC(Public)
419	600	332	302	305	306	309	310	314	315

Solution Creation Program				International Dialogue Program		
Group	Region-focused			Group		
0980040	0984103	0984108	0984298	0980124	0980777	0980804
Seminar on Economic Development Policies – Strategy for Sustainable Growth	Forum on Institutionalization of Evaluation System in Asia and Africa	Financial Policy for Central Asia and Caucasus Region	Customs Administration for Latin American countries	Seminar on Government Audit Practices for ASOSAI (Asian Organization of Supreme Audit Institutions) Member Countries	International Terrorism Investigation	The Criminal Justice Response to Corruption
Officer		Officer	Officer	Auditor	Government Officials, Police Officer	
Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.
●	●				●	
					●	
		●	●			
				●		●
TIC(Ind' l)	TIC(Public)	TIC(Ind' l)	OSIC	TIC(Public)	TIC(Public)	TIC(Public)
316	662	321	325	326	327	328

(9) Governance : Local Governance

	Standard Category	Leaders Training Program			Solution Creation Program				International Dialogue Program
	Type	Group	Region-focused	Long-term	Group		Region-focused		Group
	Program No.	0980932	0984199	0981116	0980994	0980841	0984250	0984257	0980029
	Program Title	Local Governance and Public Policies	Local development by the local government in the Andes region	Regional Development for Poverty Reduction	Enhancement of Local Government Administration and Public Services (Participatory Local Development)	Community Based Development with Local Residents as Main Actors	Local Government Reform Programme for Anglophone African Countries	Area-Focused training course Local Government Administration and Public Services (Participatory Local Development) in South West Asian Countries	Seminar for Local Government Officer on Private Sector Development
Target Group	Officer	administrator	administrator		Field worker	Officer		administrator	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.
Institutionalization of local governance system based on the conditions of each country	Institutionalization of appropriate framework of Inter-governmental Relation (between central and local government)	●	●	●			●		
	Institutionalization of local financing system	●		●			●		
	Institutionalization of capacity development system for administrators in the field of local administration	●		●			●		
	Institutionalization of collaborative and cooperative relation between central and local government	●		●					
Capacity Development for Local Governance	Planning based on the needs of communities		●		●	●	●	●	●
	Supply of administrative services responding to the needs of communities								
	Community management in collaboration with the local community		●		●	●	●	●	
JICA CENTER	TIC(Public)	TIC(Public)	OSIC	OSIC	TIC(Public)	OSIC	OSIC	YIC	
PAGE	297	299	301	319	317	323	324	326	

(10) Governance : Statistics

	Standard Category	Trainers Training Program				Solution Creation Program	
	Type	Group			Region-focused	Region-focused	
	Program No.	0980567	0980934	0980935	0984034	0984244	
	Program Title	Analysis, Interpretation and Dissemination of Official Statistics	Modules on Fundamental Official Statistics	Application of Information and Communications Technology to Production and Dissemination of Official Statistics	Collection and Analysis of Official Economic Statistics for Central Asian Countries	Population Census Practice/Analysis for South America	
	Target Group	Statistician	Statistician	Statistician		Statistician	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Revise	Cont.
1. Improvement of Foundation for Statistical Administrations	1-1 Establishment of Administrative organization for Statistics						
	1-2 Improvement of Statistical policy						
	1-3 Support toward Achieving International Development Goals	●	●	●	●	●	●
2. Capacity Development and Improvement of Statistical Technique	2-1 Capacity Development of Planning and Implementation of Statistical Research	●	●	●	●	●	●
	2-2 Capacity Development of Collection and Analysis of Statistical Data	●	●	●	●	●	●
3. Promotion of Use of Statistics	3-1 Improvement of Access to Statistics (Access Infrastructure Development of statistics and Capacity Development for Dissemination of the Results of Statistical Research)	●		●			●
	3-2 Improvement of Statistical literacy						
	JICA CENTER	TIC(Public)	TIC(Public)	TIC(Public)	TIC(Public)	TIC(Public)	TIC(Public)
	PAGE	304	311	312	313	322	

(11) Governance : Legal and Judicial Development

	Standard Category	Leaders Training Program			Solution Creation Program		International Dialogue Program				
	Type	Group	Long-term		Group	Region-focused	Group				Region-focused
	Program No.	0980896	0981146	0981209	0980803	0984066	0980804	0980971	0980972	0980973	0984048
	Program Title	Group Training Course on Competition Policy and Law	International Economic and Business Law for the Economical Globalization and Economic Partnership Agreement (Master's / Doctor's Degree program)	Human Resource Development in Legal Sector (Master's or Doctor's Degree Law)	Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment	Seminar on Comparative Study of Law for Central Asia	The Criminal Justice Response to Corruption	Crime Prevention (the Treatment of Offenders)	Crime Prevention (the Administration of Criminal Justice)	Crime Prevention (Senior Seminar)	Criminal Justice for Central Asia
Target Group	Government Official	Government Official, Researcher	Government Official, Researcher	Administrators		Government Official	Government Official	Government Official	Government Official	Government Official	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
Rule of law (Improvement of Social Foundation to establish Rule of Law)	Improvement of Legal Stipulation [Improvement of Rules]	●			●	●					
	Improvement of Legal Institutions [Improvement of Organization]				●	●	●	●	●	●	●
	Development of Legal Professions and Other Legal Actors [Improvement of Human resources]	●	●	●	●	●	●	●	●	●	●
	Legal Empowerment (Improvement of Access to Law and Judiciary system)										
	JICA CENTER	OSIC	KIC	CBIC	OSIC	OSIC	TIC(Public)	TIC(Public)	TIC(Public)	TIC(Public)	TIC(Public)
	PAGE	418	301	302	451	320	328	328	329	329	330

(12) Governance : Public Safety

	Standard Category	Leaders Training Program							
	Type	Group						Region-focused	
	Program No.	0980048	0980079	0980963	0980965	0980996	0980893	0984023	0984265
	Program Title	International Forensic Seminar on Image Processing	Traffic Police Administration Seminar	Seminar on Criminal Investigation	Drug Abuse Prevention Activities	Immigration Control Administration (Asian Countries)	Seminar for Foreign Senior Police Officers	Maritime Law Enforcement for East Asian Countries	Reinforcement of maritime safety capability for coast guard officers in ASEAN region
Target Group	Police Officer, Researcher		Police Officer	NGO, Gov. official		Senior Police Officer	Coast Guard, Marine Police	Officer candidates of maritime organizations	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	New
1. Public Safety	1-1 Establishment of Administration System		●			●			
	1-2 Enhancing Organizational Function		●		●	●	●		●
	1-3 Development of Human Resources	●			●				●
	1-4 Establishment of/Enhancing Security Means (Community Policing)						●	●	●
	1-5 Strengthening community police activity			●					
	1-6 Improvement of the Techniques for Criminal Investigation	●		●					
	JICA CENTER	TIC(Public)	TIC(Public)	TIC(Public)	TIC(Human)	OSIC	TIC(Public)	KIC	CIC
	PAGE	294	294	297	193	298	296	298	300

Trainers Training Program		Solution Creation Program	International Dialogue Program		
Group		Group	Group		
0980737	0980933	0980908	0980318	0980706	0980777
Seminar on Police Info-Communications	The Group Training Course in Fire Prevention Techniques	Study Programme on Drug Abuse and Narcotics Control	Seminar on Aviation Security	Seminar on Control of Drug Offences	International Terrorism Investigation
Police officer	Government Officials, firefighter			Government Officials, Police Officer	Government Officials, Police Officer
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
	●				
●	●		●	●	●
		●			
●				●	●
TIC(Public)	TIC(Public)	TIC(Human)	YIC	TIC(Public)	TIC(Public)
307	270	318	368	327	327

(13) Social Security : Support for Persons with Disabilities

	Standard Category	Leaders Training Program						Trainers Training Program					
	Type	Group						Region-focused	Group			Region-Focused	
	Program No.	0980005	0980321	0980742	0980958	0980998	0984050	0980030	0980222	0980769	0984251	0984285	
	Program Title	Occupational and Environmental Health Management for Sustainable Development	Prosthetic and Orthotic Technique	Seminar on Labour-Management Relations Policy Development	Promotion of Social Participation of Persons with Disabilities through Sports	Medical Staff Training Course	Mainstreaming and Empowerment of Persons with Disabilities in Africa	Leadership Training for Deaf Persons	Working Environment Control for Occupational Disease Prevention	Occupational Safety Management training in Construction Industry	Promotion of the CBR Program in the Middle East	Enhancement of Occupational Safety and Health Management	
	Target Group	doctor, nurse, scientist	Technician	administrator	NGO or Gov. Official		NGO		Chemical Engineer	NGO or Gov. Official	NGO, Gov. Official, CBR Centre officer		
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	
1. Direct support for Empowerment of Persons with disabilities	1-1. Direct support for persons with disabilities				●		●	●			●		
	1-2. Special target for direct support of Persons with disabilities						●	●			●		
2. Improvement of Condition and Environment for Empowerment of Persons with disabilities	2-1. Education				●	●		●				●	
	2-2. Training and Employment		●						●	●		●	
	2-3. Welfare		●		●	●		●					
	2-4. Health and Medical Care	●				●							
	2-5. Enlightenment				●	●	●	●	●	●			
	2-6. CBR				●	●					●		
	2-7. Management			●			●		●	●	●	●	
	JICA CENTER	KIC	TIC (Human)	YIC	TIC (Human)	HIC	TIC (Human)	OSIC	OSIC	TIC (Human)	HRIC	KIC	
	PAGE	334	334	334	334	334	334	334	334	334	334	334	

Solution Creation Program								
Group							Region-focused	
0980044	0980430	0980718	0980907	0980912	0980956	0980872	0984067	0984284
Development of Comprehensive Assistance System for Victims	Leadership Development of Persons with Disabilities	Seminar on Policy of Industrial Safety and Health	Study Programme for the Senior Social Welfare Administrators	Study Programme for the Senior Social Insurance Administrators	Intellectual Disability in Community Activity	Employment Promotion and Realization of Decent Work of Persons with Disabilities	Independent Living Activity of Persons with Disabilities in Central American and Caribbean Countries	Economic empowerment of persons with disabilities (PMDs) through a community-based employment support
NGO or Gov. Official	NGO	NGO or Gov. Official	Gov. Official	Gov. Official	NGO	NGO		NGO and Gov. Official
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	New
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TBIC(Training and Partnership)	TIC(Human)	TIC(Human)	TIC(Human)	TIC(Human)	TIC(Human)	TIC(Human)	OSIC	OIC
334	334	334	334	334	334	334	334	334

(14) Transportation

	Standard Category	Leaders Training Program										Trainers Training Program		
	Type	Group										Group		Region-focused
	Program No.	0980216	0980400	0980708	0980713	0980744	0980921	0980948	0980949	0980951	0980979	0980743	0980809	0984149
Program Title	Road Engineering and Administration	Seminar on Air Traffic Management	Construction Equipment and Mechanized Construction Management	Information Management for Maritime Activity and Disaster Prevention (International Accredited Category B Course for Hydrographic Survey)	Seminar on CNS Communication, Navigation, Surveillance and Technology (CN) Implementation in JFZ(2)	Subjective Technology for Environmental Protection	Comprehensive Bridge Engineering	Seminar on Road Administration	Railway Management	Seminar on Development and Application of Construction Engineering	Maritime Education of Advanced Information Technology (Navigation)	Maritime Safety Management for Engineering Instructors	Design and Maintenance of Mountain Road in South West Asia and Indochina Countries	Seminar on Public Works Administration in Regional Government
Target Group	Technical officers	Air traffic controllers	Engineer	Hydrographic surveyor	CNS engineers	Govt. officers	Mid level technical officers	Govt. officers, Mid level technical officers	Govt. officers, technical officers	Officer, Research Engineer	Teaching staff	Teaching staff		Civil Engineer, Technical Officials
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Capacity Development of the Transportation Sector	1-1 Development of transport sector management system		●		●					●				
	1-2 Legal system improvement		●			●	●	●	●					
	1-3 Transport financial source arrangement									●				●
	1-4 Strengthening of human resource development	●	●	●	●	●	●			●	●	●	●	●
2. Cross-Border Transportation	2-1 Smooth international transportation of cargo and people				●	●					●	●		
	2-2 Promptness for borders crossing in regions		●		●	●								
3. National Transportation	3-1 Improvement of road transportation	●		●				●	●		●			●
	3-2 Improvement of railway transportation									●				
	3-3 Improvement of maritime transportation										●	●		
	3-4 Improvement of air transportation		●			●								
	3-5 Strengthening of common policies in multimodal systems										●	●		
4. Urban Transportation	4-1 Improvement of urban transportation	●								●				
	4-2 Improvement of public transportation service			●						●	●			
	4-3 Transportation Demand Management (TDM) of private vehicles									●				
	4-4 Strengthening of traffic safety measures													
	4-5 Prevention of environmental deterioration from urban transportation							●	●					
5. Rural Transportation	5-1 Improvement of infrastructure	●		●				●			●			●
	5-2 Improvement of traffic transport measures							●						
	5-3 Enhancement of the sustainability of local traffic system							●						
JICA CENTER	SIC	TIC(Economic)	YIC	TIC(Economic)	TIC(Economic)	TBIC(Training and Partnership)	TIC(Economic)	TIC(Economic)	TIC(Economic)	YIC	HIC	HIC	OSIC	SIC
PAGE	352	352	574	353	353	606	354	354	355	575	356	357	358	587

Solution Creation Program											International Dialogue Program						
Group								Region-focused			Group				Region-focused		
0980782	0980783	0980791	0980798	0980807	0980844	0980878	0980883	0984134	0984031	0984068	0980318	0980977	0980978	0980981	0984123	0984208	0984144
Comprehensive Transportation Planning and Project	Colloquium on Urban Public Transport	Shipping Administration for ASEAN members	Sustainable development and public works considering environmental and social impact	Marine Search and Rescue and Disaster Prevention Course for Policy Planners	Environmentally Sustainable Transportation (EST)	Airport Development Planning for Considering Environment	The Improvement and Integration of Cargo Transport in Asia Region	Public Participation, Consensus Building and Resettlement in Public Works Projects for Asian Countries	Road management and maintenance for Central Asian Countries	Road Management and Maintenance Technology for Africa	Seminar on Aviation Security	International Maritime Conventions and Ship Safety Inspection	Sustainable Port Development and Planning	Seminar on Strategic Port Management	Seminar on Port Facility Security for ASEAN countries	Cross Border Transport Infrastructure for Mekong Region countries	SEMINAR ON PORT CARGO TRANSPORT & PORT ENVIRONMENT CONSERVATION FOR AFRICAN COUNTRIES (B)
Govt. officials	Govt. officials	Govt. officials	Govt. officials	officials	Eco-Airport Promotion officials	Govt. officials	Practitioner	Technical officers	Ministry of Public Works, Ministry of Transportation, Local Government	Aviation Security Officials	Ship Inspectors	Technical officials	Port Administrators	Port Security Officials	Technical official	Port Administrators	
Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
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TIC(Economic)	TIC(Economic)	YIC	OSIC	HIC	CBIC	YIC	CBIC	OBIC	SIC	OSIC	YIC	YIC	YIC	YIC	YIC	YIC	YIC
591	359	360	554	361	362	363	364	367	365	366	368	368	369	369	370	371	370

(15) Information and Communication Technology

	Standard Category	Leaders Training Program												
	Type	Group												Region-Focused
	Program No.	0980002	0980012	0980013	0980052	0980197	0980220	0980716	0980945	0980946	0980967	0980989	0984094	
	Program Title	IP Network Building and Monitoring Technology	Chief Information Officer (CIO) for E-Government Promotion (A)	Chief Information Officer (CIO) for E-Government Promotion (B)	IP Network Engineer for E-Government Promotion	Internet Applied Technology	IT System Techniques for Agriculture	Television Programme Production (General)	Satellite Communications Engineering	Optical Fiber Cable Technologies	Telecommunications Standardization	Leadership Development for Information Systems Promotion	IT HUMAN RESOURCE DEVELOPMENT PROGRAM FOR SOUTHWEST ASIAN AND THE PACIFIC COUNTRIES	
Target Group	Engineers	Govt. officers	Govt. officers	Engineer	Engineer	official engineer	Producer, Journalist	Engineers	Engineers	Govt. officers	Policy maker	IT lecturers		
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	
1. Strengthening Capacity for IT Policy Formulation	1-1 Establishment of Telecommunications Policy													
	1-2 Establishment of Policy to Foster IT Industry												●	
	1-3 Establishment of Policy to Eliminate Domestic Digital Divides													
	1-4 User Protection													
2. Human Resource Development in IT	2-1 Development of Engineers and Instructors	●	●	●	●	●	●	●	●	●	●	●	●	
	2-2 Development of Policy Makers						●			●	●	●	●	
3. Improvement of Communication Infrastructure	3-1 Provision of Communication Infrastructure	●			●				●					
	3-2 Fostering Internet Service Providers (ISPs)					●							●	
	3-3 Improvement of accessibility to internet use													
4. Improvement of Efficiency and Effectiveness of Every Sector through the Use of IT	4-1 Promotion of e-Government		●	●	●							●		
	4-2 Promotion of the Use of IT in Every Sector (such as health care, medicine, education)						●							
5. Improvement of Efficiency and Effectiveness of Development Assistance through the Use of IT	5-1 Dissemination and Transfer of Existing Knowledge						●							
	5-2 Sharing and Creation of Knowledge and Experience													
	5-3 IT utilization for transactions for project implementation													
6. Broadcasting, Postal Service							●							
JICA CENTER	HIC	OIC	OIC	KIC	KIC	OBIC	TIC(Economic)	TIC(Economic)	TIC(Economic)	TIC(Economic)	OSIC	SIC		
PAGE	374	374	375	375	376	479	376	377	377	378	378	379		

Trainers Training Program								Solution Creation Program							
Group								Group							
0980016	0980069	0980075	0980098	0980319	0980817	0980855	0980856	0980020	0980023	0980071	0980072	0980073	0980775	0980953	
Database Specialist for E-Government Promotion	ICT Coordinator training for utilizing "Information Community (Tele-Center)" towards the dissolution of Digital Divide	Information, Education and Communication (IEC) in Health Sector	Telecommunications Network Development Planning for Reconstruction Assistance	Web-based Contents Management Systems (CMS) Technology	Telecommunication Network Planning and Designing	Digital Video Production for Dissemination and Enlightenment	Media strategy for community enlightenment	PROJECT MANAGEMENT FOR E-GOVERNMENT PROMOTION	WEB APPLICATION DEVELOPMENT (OPEN SOURCE) FOR E-GOVERNMENT PROMOTION	Database Management for E-Government Promotion	Information Security for E-Government Promotion	Web Application Development (Vendor) for E-Government Promotion	Digital TV Broadcast Engineering and Equipment Maintenance Management	Networking of Rural Community Information Infrastructure	
Govt. officers, Engineers	Govt. officers, ICT Coordinator	Govt. officers	Engineer	Govt. officers	Engineer	Govt. officers, Engineers	Govt. officers, Engineers	Govt. officers, Engineers	Govt. officers, Engineers	Govt. officers, Engineers	Govt. officers, Engineers	Govt. officers, Engineers	Engineer	Govt. officers, Engineers	
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	
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OIC	OSIC	OIC	KIC	TBIC(Training and Partnership)	KIC	OIC	OIC	OIC	OIC	OIC	OIC	OIC	TIC(Economic)	TIC(Economic)	
380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	

International Dialogue Program		
Group		
0980952	0980954	0980955
ICT Executives' Seminar (Broadcasting)	Telecommunications Policy and Regulations	Seminar on Postal Service Management
Govt. officers	Govt. officers	Gov't Officer
Cont.	Cont.	Cont.
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TIC(Economic)	TIC(Economic)	TIC(Economic)
395	395	396

(16) Natural Resources and Energy : Energy Supply

	Standard Category	Leaders Training Program							
	Type	Group					Region-focused		
	Program No.	0980032	0980034	0980049	0980939	0980983	0984008	0984069	0984075
	Program Title	Tropical Biomass Utilization	Research on Biomass Technology	Energy Policy	Hydro-Electric Power Engineering for Stable and Sustainable Supply (for Electric / Mechanical Engineers)	Plant Engineering and Technical Standard for Refineries, Chemical and Thermal Power Plants (Pressure Vessels, Storage Tanks, and Others)	Power Sector Development for Central Asia and Caucasus Region	Solar Power Generation Technology for Middle East Area	Enhancement of Capabilities for Geothermal Energy Development for Plan Puebla Panama Countries
Target Group	Officer	Researcher	officer	engineer	officer, engineer	officer	engineer	officer	
Development Strategic Objectives	Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Stable Supply of Electric Power for Ensuring the Sustainable Economic Development	1-1 Formulation of a Comprehensive Energy Policy			●					
	1-2 Formulation of an Electric Power Development Plan					●			
	1-3 Establishment of Electric Power Technical Standards								
	1-4 Planning, Construction, Operation & Maintenance Management of Electric Power Generation, Transmission, and Distribution Facilities					●			
	1-5 Training of Engineers in the Electric Power Sector				●			●	
2. Rural Electrification is Attained and Community Development is Promoted.	2-1 Rural Electrification Plan for community development is drawn up.								
	2-2 Participated Type Community Development Which Involved in the Local Resident with the Electric Power Supply Enterprise is Performed.								
	2-3 Control of maintenance of the power equipment introduced for the purpose of community development is carried out appropriately.								
3. Effective Utilization of Renewable Energy for Strengthening Energy Security and Promoting Environmental Conservation	3-1 The Electric Power Development Plan by Renewable Energy is Drawn Up from a Viewpoint of Energy Security and Global Warming Mitigation								●
	3-2 The Electric Power Development by Renewable Energy is Carried Out and is Spread Out Appropriately from a Viewpoint of Energy Security and Global Warming Mitigation	●	●					●	
	JICA CENTER	OIC	TBIC(Training and Partnership)	TIC(Ind' l)	TIC(Ind' l)	CBIC	TIC(Ind' l)	OSIC	KIC
	PAGE	477	398	398	399	399	400	400	401

Trainers Training Program							Solution Creation Program			International Dialogue Program
Group			Region-focused				Group	Region-focused		Region-focused
0980578	0980797	0980827	0980882	0984267	0984268	0984289	0980730	0984058	0984314	0984198
Thermal Power Engineering Course for Gas Turbine and Coal Fired Steam Turbine	The Improvement for Electric Power Distribution Grid	Electric system engineering (except distribution)	Efficient and Environment-Friendly Mining and Recycling for Metal Resources	Power System Engineering for Planning, Operation and Maintenance in Africa	Installation method of small-scale hydro-power generation and wind power generation in rural area	Basic techniques of remote sensing in mineral exploration	Nuclear Power Generation Infrastructure Course	Electric Power Development Planning in Mekong Region Countries	Strengthening Capacity of Electric Pool in Eastern and Southern Africa	Electric Power Forum for Asia
Engineers	Govt. officers, Engineers			Officers, engineers of power company			engineer, officer	officer	officer	officer
Cont.	Cont.	Cont.	Revise	New	New	New	Cont.	Cont.	New	Cont.
			●			●				
							●	●	●	●
										●
										●
●	●	●		●	●		●			●
					●					
CIC	OIC	THIC	THIC	CBIC	OIC	THIC	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)
403	404	405	406	407	408	410	412	413	414	415

(17) Natural Resources and Energy : Energy Conservation

	Standard Category	Leaders Training Program			Trainers Training Program	Solution Creation Program	
	Type	Region-focused			Region-focused	Group	
	Program No.	0984137	0984240	0984269	0984270	0980315	
	Program Title	KOICA-JICA JOINT TRAINING PROGRAM 「Policy and Technology for Energy Conservation and Environmental Protection in East Asia」	Energy Conservation Technology and Machine Condition Diagnostics Techniques for Asian Countries	Energy Conservation Technique for MERCOSUR region	Fuel-reduced operation by economical load distribution of multiple diesel generators	Energy Efficiency and Conservation	
Target Group	officer, researcher	engineer	officer, engineer		officer		
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	New	New	Cont.
1. Establishing Energy Conservation System	1-1 Understanding of Energy Conservation Policy, Strengthening of Design of Policy and Policy Proposal Function	●		●		●	
2. Energy Conservation Services by Government	2-1 Transfer of Technologies for Energy Audit		●	●	●		
	2-2 Establishing a System of Qualification for Energy Conservation						
	2-3 Establishing Training Courses on Energy Conservation						
	2-4 Publicity of Energy Conservation	●					
3. Promoting Energy Conservation Market	3-1 Survey for the precedent and market of energy conservation business						
	3-2 Assistance for introduction of model projects and for research and study						
	3-3 Establishment of ESCO association						
JICA CENTER		KIC	KIC	KIC	OIC	TIC(Ind'l)	
PAGE		610	401	402	409	411	

(18) Financial System

	Standard Category		Leaders Training Program	Solution Creation Program				
	Type		Group	Group	Region-focused			
	Program No.		0980896	0980853	0984109	0984242	0984243	
	Program Title		Group Training Course on Competition Policy and Law	Seminar on Policy Measures for Financial System Stability and development in Eastern Asian Countries	Stock Exchange Seminar for Asian Countries	Bond Market Development in ASEAN Countries	Necessary Policy Measures and Reform Strategies for Financial System Stability in MS Countries	
Target group		Officer	Officer	Officer	Officer	Officer		
Development strategic Objectives	New/Cont.		Cont.	Revise	Cont.	Cont.	Cont.	
1. Establishment, stabilization, and strengthening of financial system	Comprehensive financial system design			●		●	●	
	Establishment, stabilization, and strengthening of financial institutions	Financial intermediaries	Establishment of primitive financial system			●	●	
			Establishment of system of main financial institutions	Establishment of regulation on financial institutions (Strengthening of prudence policy)	●			
		Establishment of payment and settlement system						
		Establishment of financial discipline and soundness for financial system stability			●	●		
		Restructuring of financial sector						
		Establishment of government financial institutions						●
		Strengthening of organizational capacity of financial intermediaries			●		●	
	Other financial institutions (Securities company, life/nonlife insurance company, leasing company, pension fund, venture capital etc.)							
	Development of financial market				●	●		
Establishment of finance-related infrastructure		●		●	●	●		
2. Implementation of appropriate macro financial policy	Capacity building of central bank for formulating financial policy			●				
JICA CENTER			OSIC	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)	TIC(Ind' l)	
PAGE			418	420	422	423	424	

(19) Private Sector Development : Small and Medium Enterprises Promotion

	Standard Category	Leaders Training Program				Trainers Training Program						
	Type	Group	Region-focused		Long-term	Group			Region-focused			
	Program No.	0980842	0984142	0984226	0981140	0980051	0980904	0980905	0984041	0984145	0984272	0984301
Program Title	Practical Corporate Management for Productivity Improvement	Business Management for Caucasian Countries	Small and Medium Enterprises / Local Industry Activation for South America	Regional Economic Development (Ph.D. either in Sociology, Engineering, Agriculture, Social System, Engineering, Biological Sciences or Biological Engineering AND Master Degree: Business Administration (MBA))	Coordinator Training for Tertiary Education-Industry-Government Linkage to Develop Automobile Supporting Industries	Technical Support for SME Promotion toward the Construction of Sustainable Society (Biotechnology/Plastic Technology)	TECHNICAL SUPPORT FOR SME PROMOTION (ORGANIC MATERIALS/INORGANIC MATERIALS & METALS)	Production Management for Southeast European countries	Strengthening export competition in SMARC region	Productivity enhancement for management improvement of SMEs in African countries	Dissemination of Productivity Improvement Activity in the Latin-American Countries (in cooperation with Volunteer Activities)	
Target Group	SME Promotion Organization	Enterprises, SME promotion organization	Officer, SME Promotion Organization	Researcher and/or engineer	Research Institute, Institution of Higher Education	Technical Support Organization for SME	Technical Support Organization for SME	Enterprises, SME promotion organization	SME Promotion Organization	Enterprises, SME Promotion Organization	SME Promotion Organization	
Development Strategic Objectives	New/Cont.	Revise	Cont.	Cont.	Cont.	Cont.	Revise	Revise	Cont.	Cont.	New	New
1. Development and Operation of a Conducive Business Environment for the Growth of SMEs	1-1 Elimination of System Constraints and Regulations				●							
	1-2 Planning and Implementation of SME Promotion Policies			●	●							
	1-3 Facilitation of Fund Supply and Enhancement of Equity Capital				●							
	1-4 Development of Intellectual Infrastructure for Industrial Activities					●	●	●				
	1-5 Improvement of Trade and Investment Systems											
2. Development of SMEs which Increase Industrial Competitiveness	2-1 Strengthening of SME Management Capacity	●	●	●					●	●	●	●
	2-2 Promotion of Business Innovation and Business Start-ups	●	●	●					●	●	●	●
	2-3 Development of Supporting Industries	●	●	●			●	●	●		●	●
	2-4 Development of Specific Sub-sectors											
	2-5 Promotion of Wholesale Business and Retail Sales											
3. Development of SMEs Contributing to Revitalizing Local Communities and Creating Employment	3-1 Development of Local Manufacturing Industries (including processing of agricultural products)			●			●	●				
	3-2 Promotion of Micro and Domestic Industries											
JICA CENTER	TIC(Ind'l)	SIC	KIC	TBIC(Training and Partnership)	CBIC	OSIC	OSIC	SIC	YIC	OSIC	KIC	
PAGE	428	430	432	432	433	434	435	437	439	443	444	

Solution Creation Program													
Group				Region-focused									
0980050	0980070	0980995	0980901	0984039	0984079	0984128	0984154	0984213	0984216	0984218	0984271	0984273	0984300
Training of Trainers for Supporting SME	Small and Medium Enterprise Development Policies	Seminar on Small & Medium Enterprise Development Policies	Industrialization Promotion Policy – lessons from Asian experience for Africa–	The policy of regional industry promotion for South East European Countries	Reinforcement of Micro, Small and Medium Enterprises Supporting Organization for African Countries	Improvement of Policy Making and Administration System of Small & Medium Enterprises Development for Middle East Region	Small & Medium Enterprise Development Policies for Central and South America	Promotion and Support of New Venture for Central and South America	Regional Industrial Development by PPP for Central America	Seminar on Development and Promotion of SMEs in South-Eastern Europe	Improvement of management and productive efficiency of SMEs in Mercosur	Promotion of coordination for SMEs support	Small and Medium Enterprise Promotion Policy and Measures for the Islamic Republic of Iran
SME Promotion Organization	Officer	Officer	Officer	Officer	Officer		Officer	Officer	Officer Private sector	Officer	Officer Private sector	Officer	Officer Private sector
Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	New	New
			●								●	●	●
	●	●		●	●	●	●		●	●	●	●	●
●													
●								●					
			●	●			●						
				●	●		●		●				
TIC (Ind' l)	OSIC	OSIC	TIC (Ind' l)	CIC	CIC	CBIC	CIC	CBIC	OSIC	OSIC	CBIC	TIC (Ind' l)	CBIC
446	447	421	455	457	460	461	462	467	468	469	470	471	472

(20) Private Sector Development : Trade and Investment Promotion

	Standard Category	Leaders Training Program						Trainers Training Program			
	Type	Group		Region-focused				Group	Region-focused		
	Program No.	0980196	0980225	0984035	0984070	0984204	0984177	0980942	0984217	0984229	0984311
	Program Title	Operation of Understanding on Rules and Procedures Governing the DSU, WTO Agreement	Sustainable Tourism Development through Community Based Approach	Practical Seminar on Investment Promotion for South-Eastern Europe	Customs policy and administration in Central Asia and Caucasia	Implementation of WTO Agreements in Central and South America	Facilitating Trade and Investment in Indian Ocean-rim Economic Region	Tourism Promotion and Marketing: Targeting the Japanese Market	Museum Training for Middle Eastern Region	Sustainable Tourism Development in CARICOM countries	Strengthening the export competitiveness of small and medium-sized coffee producers
Target Group	WTO Officer	Officer	Officer	govt. officials	WTO officer		Officer	Museum Officer	Officer	Producers association Officer	
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	New
1. Strengthening Responsive Capacity for Promoting Trade and Investment within the International Framework	1-1 Establishing Basic Conditions for Promoting Trade and Investment				●		●				
	1-2 Strengthening Capacity to Respond to International Trade and Investment Rules of the WTO and Others	●				●					
2. Capacity Building for Trade Promotion	2-1 Establishing System for Formulating Trade-related Policies and Institutions and their Proper Implementation						●				●
	2-2 Strengthening Information Services to the Private Sector		●					●	●	●	
	2-3 Fostering Viable Private Sector		●				●	●	●	●	●
3. Capacity Building for Foreign Direct Investment Promotion	3-1 Developing System for Formulating Investment-related Policies and Institutions and their Appropriate Implementation						●				
	3-2 Strengthening Information Services to the Private Sector		●	●				●	●	●	
JICA CENTER	TIC(Ind'l)	CIC	TIC(Ind'l)	OSIC	TIC(Ind'l)	HIC	TIC(Ind'l)	OSIC	OIC	TIC(Ind'l)	
PAGE	426	427	429	418	431	430	436	441	442	445	

Solution Creation Program								International Dialogue Program
Group		Region-focused						Region-focused
0980803	0980849	0984071	0984205	0984206	0984055	0984169	0984171	0984150
Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment	Foreign Trade Development	Tourism Development for the Middle East region	Practical Approach for International Trade in APEC Economies	Strengthening of Market Competitiveness of Agricultural Products in the African Countries	Tourism Planning/Promotion considering Natural Environment Conservation for South East European Countries	Sustainable Tourism Development in Oceania	Capacity Development for the trade promotion between Central America and Japan	TOURISM PROMOTION IN MEKONG AREA
Administrator	Trade Officer	govt. officials	Trade Officer	Official, Managing staff in Economic federation	Government Officials	Officer	Officer, Trading Promotion Staff	govt. officials
Cont.	Revise	Cont.	Cont.	Cont.	Revise	Revise	Revise	Cont.
●	●	●			●			
●				●				
●	●		●					
	●	●			●	●	●	●
		●			●	●	●	●
●								
●		●			●	●	●	●
OSIC	HIC	OSIC	TIC(Ind'l)	TBIC (Training)	SIC	OIC	OSIC	OSIC
451	452	459	465	466	458	463	464	473

(21) Private Sector Development : Industrial Technology

	Standard Category	Leaders Training Program		Trainers Training Program	Solution Creation Program
	Type	Group	Region-focused	Region-focused	Group
	Program No.	0980034	0984221	0984104	0980792
	Program Title	Research on Biomass Technology	Practical Production Management (Theory and Practice on Productivity Improvement) for South America	Manufacturing Technology and Production Management System for Southeast Asian Countries	Advanced Bioindustry
	Target Group	Researcher	officer, administrator	officer, administrator	officer
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.
1. Improvement of Production Technology	1-1 Improvement of Production Technology	●			●
2. Improvement of Production Management Technology	2-1 Introduction and Dissemination of Production Management and Planning	●	●	●	
	2-2 Introduction and Dissemination of Quality Control		●	●	●
	2-3 Introduction and Dissemination of Product Management		●	●	
JICA CENTER	TBIC(Training and Partnership)	KIC	CBIC	CBIC	
PAGE	398	431	438	450	

(22) Private Sector Development : Industrial Development Institution

	Standard Category	Leaders Training Program				Trainers Training Program	Solution Creation Program			
	Type	Group				Region-focused	Group			
	Program No.	0980045	0980736	0980941	0980993	0984173	0980767	0980778	0980877	0980879
	Program Title	Research on Standards, Measurements, Evaluation and Geosciences for Industry	Intellectual Property for APEC Economies	Industrial and Commercial Statistics for East Asia and ASEAN Countries	Intellectual Property Rights	Industry Development and Technology Transfer Promotion through Protection and Utilization of Intellectual Property Rights such as Copyright, Trademark and Patent	Social and Industrial Infrastructure in Legal Metrology	Copyright Systems Development	ASEAN International Standards Development Course	Training course on Product Certification (IECEE/CB Scheme) for ASEAN Countries
Target Group	Researcher	Government Official		Officer	Government Official	Government Official	Officer	Executive Official	Executive Official	
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Revise	Revise
1. Promotion and Development of Intellectual Property	1-1 Establishing System of Intellectual Property		●		●	●		●		
	1-2 Protection of Intellectual Property		●		●	●		●		
2. Improvement and Promotion of Standardization System	2-1 Establishing Metrology System						●			
	2-2 Promotion of Industrial Standardization	●							●	●
3. Establishing Economic Statistics	3-1 Establishing Economic Statistics System			●						
	3-2 Conduct and improvement of economic statistics survey									
	JICA CENTER	TBIC (Training and Partnership)	TIC(Ind'l)	TIC(Ind'l)	OSIC	OSIC	TBIC (Training and Partnership)	TIC(Ind'l)	TIC(Ind'l)	TIC(Ind'l)
	PAGE	426	427	428	429	440	448	449	453	454

(23) Agricultural/Rural Development : Policy Advice

	Standard Category		Leaders Training Program			
	Type		Group			Long-term
	Program No.		0980220	0980924	0980987	0981127
	Program Title		IT System Techniques for Agriculture	Plant Variety Protection	GIS(Open Source Geographic Information Systems) Technology for Sustainable Management of Natural Resources and Agricultural Production	Food safety
Target Group		official engineer	official engineer	official engineer researcher	official, engineer, Researcher	
Development Strategic Objectives	New/Cont.		Cont.	Cont.	Cont.	Cont.
	Objectives					
1. Sustainable agricultural production	1-1. Improvement of the ability for planning and operation of agricultural policy in macro-level	Making and implementation of agricultural policy. Development of law and institutional system		●		
2. Stable food supply	2-1. Establishment of the demand and supply policy of food	Grasp of agricultural capacity and strategy for food security	●		●	●
JICA CENTER			OBIC	TBIC (Training)	CBIC	OBIC
PAGE			479	481	481	485

Trainers Training Program					Solution Creation Program					
Group			Region-focused		Group				Region-focused	
0980046	0980926	0980969	0984002	0984081	0980047	0980067	0980076	0980758	0984135	0984046
Planning and Designing of Agricultural Statistics for Agricultural Policy Making	Agricultural Extension Planning and Management	The Role of Agricultural Cooperatives to be Played in Activation of Rural Economy	Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives Activity in Asia	Rural development through promoting small poultry farming in Southwest Asia	Infrastructure for Agricultural and Rural Development	Planning of Agricultural Policy	Administration of Livestock Industry	Zero Emission-type Agriculture and Rural Development	Strengthening of agricultural market economies through enhanced collaboration sectors in South East European Countries	Strengthening Role and Function of Farmers' Organization in Central Asia Countries
official	official	Cooperatives staff, official	official private sector	official engineer	technical official engineer	official	official	Official, Researcher, Lecturer	official private sector	Officials, Managers of Farmers Organization
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Revise
●	●	●	●	●	●	●	●	●		●
									●	
TBIC (Training)	TBIC (Training)	TBIC (Training)	OIC	THIC	TBIC (Training)	TBIC (Training)	THIC	OBIC	OBIC	SIC
487	504	505	507	514	522	523	524	526	534	531

(24) Agricultural/Rural Development : Agricultural Infrastructure

	Standard Category		Leaders Training Program		Trainers Training Program			Solution Creation Program			
	Type	Region-focused	Long-term	Group		Region-focused	Group		Region-focused		
	Program No.	0984274	0981145	0980923	0980903	0984049	0984197	0980047	0980200	0984116	
	Program Title	Facility maintenance and water management on irrigation and drainage by joint program for counterpart personnel	Agricultural Development and Environmental Preservation in Nile River Area	Irrigation and Drainage for Rural Development	Agricultural Infrastructure Improvement in the Fields for Rural Development	Enhancement of Water Users' Associations for Central Asia and Caucasus	Arid Land Agriculture by Efficient Water Use for Middle East	Infrastructure for Agricultural and Rural Development	Sustainable Management of Irrigation and Drainage Project	Participatory Irrigation Management System for Paddies for Asian Countries	
Target Group		technical official, engineer, researcher	technical official engineer	technical official engineer	technical official private sector	technical official engineer	technical official engineer	technical official engineer	technical official		
Development Strategic Objectives	New/Cont. Objectives		New	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	
1. Sustainable agricultural production	1-2-1. Development and maintenance of agriculture infrastructure 1-2-4. Improvement of farming management	Capacity Development for Comprehensive Approach to Agricultural Infrastructure	●						●	●	
		Practice of Project Plan Capacity Development of Problem-solving in the Field	●	●	●						
		Capacity Development of Administration and Technical Support for Project Implementation	●				●			●	
		Policy & Institutional Approach									
		Technical Approach			●	●		●		●	
		Establishment of Water Management Organization Enhancement of Water Users' Associations (WUA)	●				●	●		●	
JICA CENTER		TBIC (Training)	CIC	TBIC (Training)	OBIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	TBIC (Training)	SIC	
PAGE		483	486	503	501	510	518	522	525	532	

(25) Agricultural/Rural Development : Livestock

	Standard Category		Leaders Training Program					
	Type		Group				Long-term	
	Program No.		0980025	0980213	0980218	0980920	0981127	
	Program Title		Pasture Based Livestock Farming Development	Veterinary Technology for Farm Animals	Utilization and Preservation Techniques for Animal Products	Advanced Research Course on Control of Zoonosis for Food Safety	Food safety	
Target Group		Technical Officer, Extension Officer	Veterinarian	Technician Researcher	Researcher, veterinarian	Official, Technician, Researcher		
Development Strategic Objectives	New/Cont.		Cont.	Cont.	Cont.	Cont.	Cont.	
1. Sustainable agricultural production	1-2-2 Reinforcement of examination, research and technical development	Livestock Production	Poultry					
			Dairy & Beef Cattle	●		●		
		Veterinary Medicine			●		●	●
	1-2-1 Establishment and maintenance of production infrastructure	Livestock Production	Poultry					
			Dairy & Beef Cattle	●		●		
		Veterinary Medicine			●		●	●
	1-2-5 Acquirement and improvement of resources for agricultural production	Livestock Production	Poultry					
			Dairy & Beef Cattle	●		●		
		Veterinary Medicine			●		●	●
	JICA CENTER		THIC	SIC	OBIC	OBIC	OBIC	
	PAGE		477	478	478	480	485	

Trainers Training Program							Solution Creation Program	
Group				Region-focused			Group	
0980714	0980826	0980918	0980866	0984081	0984140	0984249	0980042	0980076
Cattle Artificial Insemination Extension System	Poultry Production, Management and Disease prevention Technology	Hazard Analysis Management for Animal Food	Research on Veterinary Technology	Rural development through promoting small poultry farming in Southwest Asia	Principle and practice of the dairy cow management for milk production with better quality in Middle East Region	Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa	Sustainable Livestock Production System	Administration of Livestock Industry
Veterinarian, Extension Officer, Vet. Officer	Technical Officer, Extension Officer	inspectors, examiners	Veterinarian	technical official engineer	Technical leader, extension worker		Technical Officer, Technician, Researcher	Planning Officer for Livestock Development
Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Cont.	Cont.	Cont.
	●							
●					●	●	●	
		●	●					
	●			●				●
●					●	●	●	●
			●					
	●			●				●
●					●	●	●	●
THIC	THIC	SIC	TBIC (Training)	THIC	OBIC	TBIC (Training)	OBIC	THIC
490	496	502	499	514	516	519	521	524

(26) Agricultural/Rural Development : Agricultural Technology/Environment/Natural Resources

	Standard Category		Leaders Training Program								
	Type		Group					Region-focused			
	Program No.		0980001	0980003	0980227	0980724	0980924	0984033	0984193	0984194	0981139
	Program Title		Mycotoxin Inspection in Food	Agrobiotechnology	Food Processing and Preservation Technology	Organic Agriculture Technology for Environment Conservation	Plant Variety Protection	Organic Agriculture Technology(Sustainable Agriculture) for Central Asia	Upland Cereal Crops Management for Extension Officers in Asia and Africa	Improvement and Modification of Agricultural Machinery for Africa	Sustainable Rice Cultivation
Target Group		Technician, Researcher	Technician, Researcher	Engineer, Researcher	Engineer	official, engineer	official	Extension worker	Technician, Researcher		
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	
1. Sustainable agricultural production	1-2-2 Reinforcement of examination, research and technical development	Production System Improvement	●	●	●		●	●	●	●	
	1-2-5 Acquirement and improvement of resources for agricultural production		●	●			●	●	●	●	
2. Stable food supply	2-3 Establishment of import system		●								
1. Sustainable agricultural production	1-4 Improvement of environmental consideration	Environmental Consideration				●		●		●	
3. Promotion of lively rural areas	3-5 Preservation of the environment of rural areas					●		●		●	
JICA CENTER			HIC	HIC	CIC	OBIC	TBIC (Training)	SIC	OBIC	OBIC	THIC
PAGE			476	476	479	480	481	482	482	483	485

Long-term			Trainers Training Program								Region-focused	
Long-term			Group								Region-focused	
0981145	0981101	0981107	0980199	0980770	0980771	0980808	0980810	0980824	0980850	0980858	0984052	0984054
Agricultural Development and Environmental Preservation in Nile River Area	Rice Production Research in Africa (Master's Degree: International Agricultural Development)	Measurement and Treatment Technology for Persistent Organic Pollutants for Insurance of Safety and Reliable Foodstuff (Master's Degree)	Development Farm Machinery for Small-Scale Farmers	Conservation and Sustainable Use of Plant Genetic Resources	Rice Cultivation Techniques Development	Foodborne Infection Prevention	Integrated Pest Management for Plant Protection	Thermal treatment for the disinfestation of Fruit Flies	Soil Diagnosis Technology for Sustainable Agricultural Production and Environmental Conservation	Vegetable Cultivation Technology for small scale farmers	Rice Cultivation Techniques for Small Scale and Extension for Africa	Horticulture crop Cultivation and Extension for Africa
technical official, engineer, researcher	Engineer, Official	Engineer, Official	Technician, Extension worker	Researcher	Researcher	Lab researcher, engineer		engineer, official			Extension worker, Technician	official, extension worker
Cont.	New	New	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	Cont.	Cont.
	●	●	●	●	●	●			●	●	●	●
			●							●		
						●		●				
●		●					●			●		
●							●		●			
CIC	TBIC (Training)	SKIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	HIC	HIC	OIC	OBIC	TBIC (Training)	TBIC (Training)	TBIC (Training)
486	484	484	488	491	492	493	494	495	497	498	511	512

Trainers Training Program				Solution Creation Program		
Region-focused				Group	Region-focused	Long-term
0984057	0984082	0984011	0984019	0980900	0984206	0981141
Agricultural mechanization for Central Asia and Caucasus	Post-harvest Rice Processing (African Countries (French))	Extension Methodologies of Organic Agricultural Techniques for Small Scaled Farmers for Central America and Caribbean countries	Upland Rice Variety Selection for Africa	Environment-oriented agriculture for increase of food production	Strengthening of Market Competitiveness of Agricultural Products in the African Countries	Environmental symbiosis agriculture
		Extension Worker, engineer	Researcher, official		Official, Managing staff in Economic federation	Researcher
Cont.	Cont.	Revise	Revise	Revise	Cont.	Cont.
	●		●			●
●	●	●				
					●	
		●				●
				●		●
TBIC (Training)	THIC	TBIC (Training)	TBIC (Training)	OBIC	TBIC (Training)	TBIC (Training)
513	515	508	509	530	466	536

(27) Agricultural/Rural Development : Farmer Organizations/Extension Service/Rural Development

	Standard Category	Leaders Training Program	Trainers Training Program									
	Type	Region-focused	Group				Region-focused					
	Program No.	0984193	0980211	0980926	0980969	0980990	0984002	0984049	0984196	0984197	0984222	0984249
	Program Title	Upland Cereal Crops Management for Extension Officers in Asia and Africa	Integrated Agriculture and Rural Development Through the Participation of Local Farmers	Agricultural Extension Planning and Management	The Role of Agricultural Cooperatives to be Played in Activation of Rural Economy	Distribution of Fisheries Products (focused on wholesale markets)	Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives Activity in Asia	Enhancement of Water Users' Associations for Central Asia and Caucasus	Capacity Development for the supports of Farmers' Organizations and Management for Francophone Africa	Arid Land Agriculture by Efficient Water Use for Middle East	Regional Development Promotion for ASEAN countries -One Village One Product-	Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa
	Target Group	Extension worker	official	official	Cooperatives staff, official	official	Cooperatives staff in charge of management, official		official	official		technical official engineer
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Sustainable agricultural production	1-2-1 Establishment and maintenance of production infrastructure [Water Users Association (Land Improvement District)]								●		●	
	1-2-3 Enhancement of agricultural extension [Extension System]	●		●								●
	1-2-4 Improvement of farm management [Farmers Association (Farmers Cooperative)]	●			●	●	●	●				
3. Promotion of lively farm villages	3-1 Promotion of rural prosperity related policy [Common issues for Rural Development, Farmers Association, Extension System]		●			●						
	3-6 Promotion of livelihood improvement [Livelihood Improvement]								●			
	3-2 Growth of non-agricultural income [Rural/Regional Development (One Village, One Product Movement)]										●	
	3-7 Promotion of villages cooperative activity	●										
JICA CENTER	OBIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	OSIC	OIC	TBIC (Training)	TBIC (Training)	TBIC (Training)	KIC	TBIC (Training)	
PAGE	482	489	504	505	506	507	510	517	518	583	519	

Solution Creation Program										International Dialogue Program
Group						Region-focused				Region-focused
0980036	0980805	0980758	0980840	0980847	0980889	0984125	0984135	0984046	0984180	0984245
Sustainable Rural Development	Participatory Community Development for Practitioners through JICA-NGO Partnership	Zero Emission-type Agriculture and Rural Development	Rural Development by Agricultural Promotion	Assurance of Food Safety and Quality Control	Empowerment of Rural Women	Participatory Rural Development Network in Central America and Caribbean Region	Strengthening of Agricultural Market Economies Through Enhanced Collaboration Sectors in South East European Countries	Strengthening Role and Function of Farmers' Organization in Central Asia Countries	Rural Community Development by Livelihood Improvement Approach for Africa	Leadership Training for Women Through Rural Life Improvement (by Kaizen) for Central and South America
official	NGO	Official, Researcher, Lecturer		Technical official, Researcher	Extension worker, official	Official, Extension worker, NGO	official, NGO	Officials, Managers of Farmers Organization		Government Official, NGO
Cont.	Cont.	Revise	Revise	Revise	Revise	Cont.	Cont.	Revise	Revise	Cont.
			●				●	●		
●		●	●							●
	●			●	●	●			●	●
	●									
	●					●	●			
TBIC (Training)	OSIC	OBIC	SIC	HIC	TBIC (Training)	TBIC (Training)	OBIC	SIC	TBIC (Training)	TBIC (Training)
520	527	526	528	225	529	533	534	531	535	572

(28) Nature Conservation

	Standard Category	Leaders Training Program												
	Type	Group				Region-focused				Long-term				
	Program No.	0980749	0980756	0980919	0980968	0984063	0984191	0984202	0984210	0981204	0981205	0980011	0980015	0980031
	Program Title	Research on Forest Environment and Resources	Management for Eco-Tourism and Sustainable Use of Natural Park	Forest Management Through Coexistence	Practical Case Studies on Sustainable Forest Management	Forest Management Policy in Asia - Sustainable Forest Management with Collaboration between Local Government and Community	Criteria & Indicators (C&I) and Forest Certification for Pan-Pacific Countries	Capacity Building for Officers dealing with AR-QJM Project for Asia-Pacific Region and South & Central America	Rehabilitation of degraded lands in Asia and Africa	Leadership Program for Development of Sustainable Society (Master's Degree: Sustainability Science)	Improvement of Capacity for Tropical Forest Management to resist Climate Change (Master's Degree: Forestry)	Management and Conservation of Coral Reef Ecosystem in Asia Pacific Region	Conservation and Sustainable Management of Mangrove Ecosystems	Environmental Education for Sustainable Development/Conservation of Coastal Ecosystems for Lives of Local Communities
Target Group	Researcher	Administrative officer, Senior technical staff	Administrative officer, Senior technical staff	Administrative officers, technical officers	Officer	Administrative officer, Researcher	Administrative officers, technical officers	Senior technical staff, researchers		Researcher, Engineer	Officer	Officer	Officer	
Development Strategic Objectives	Objectives	New/Cont.												
1-1. Sustainable Use of Natural Resources	To establish and improve policies and institutional system (framework) for the sustainable use of natural resources					●	●		●					●
	To establish and strengthen organizations for the sustainable use of natural resources			●			●							●
	To establish and improve an extension system for the sustainable use of natural resources												●	
	To support sustainable livelihood improvement due consideration of the sustainable use of natural resources						●							
	To raise awareness of the stakeholders for the sustainable use of natural resources		●							●				●
1-2. Sustainable Forest Management	To establish and improve policies and institutional system (framework) for the sustainable forest management					●	●	●				●		
	To establish and strengthen organizations (organizational set-up) for the sustainable forest management					●						●		
	To establish and improve training system for the sustainable forest management													
	To develop capacities for basic research and survey required for the sustainable forest management	●		●	●		●			●	●			
	To develop and apply technologies for the sustainable forest management					●				●	●			
	To raise awareness of the stakeholders for the sustainable forest management													
2. Biodiversity Conservation	To establish and improve policies and institutions for ecosystem conservation											●		
	To establish and strengthen organizations (organizational set-up) for ecosystem conservation											●		
	To improve management plan and establishment of an implementing system for protected areas					●								
	To develop capacities for basic research and survey for ecosystem conservation	●									●		●	●
	To develop and apply technologies for ecosystem restoration and prevention of further degradation		●								●		●	
	To support sustainable livelihood improvement due consideration of the sustainable use of natural resources		●									●		
3. Restoration of Degraded Area / Rehabilitation of Degraded Land	To establish and improve policies and institutions for the restoration of degraded land								●					
	To establish and strengthen organizations for the restoration of degraded land								●					
	To improve management plan and establishment of an implementing system for land use and the rehabilitation of vegetative condition								●				●	
	To establish and improve an extension system for the restoration of degraded land													
	To develop capacities for basic research and survey for the restoration of degraded land	●									●			
	To develop and apply technologies for the restoration of degraded land in the light of (due consideration of) the land use pattern and local environmental condition										●			
	To support sustainable improvement of livelihood													
	To raise awareness of the stakeholders for the restoration of degraded land									●				
JICA CENTER	TBIC (Training and Partnership)	OBIC	OBIC	TIC (Economic)	CBIC	SIC	TIC (Economic)	YIC	TBIC (Training)	SKIC	OIC	OIC	OIC	
PAGE	538	538	539	539	540	540	611	541	542	543	544	545	546	

Trainers Training Program							Solution Creation Program											
Group				Region-focused			Group											Region-focused
0980068	0980087	0980759	0980991	0984030	0984062	0984304	0980036	0980789	0980970	0980988	0980843	0980865	0980126	0984074				
Satellite Remote Sensing Data Analysis Technology for Disaster/Environmental Monitoring	Education Through Nature Experience Focused on Waterside	Environmental Education through Nature Experience	Environmental Education Focused on Fresh Water Environment-For Tertiary Level Teaching Staff-	Wildlife Observation and Management for Africa	Environmental Education for Sustainable Development in Central and South America	Protection of Forest Resources for countries around Congo Basin	Sustainable Rural Development	Biodiversity Information System	Forest Watershed Environment, Soil and Water Conservation Technology	Integrated Basin Management for Lake Environment	Planning and Management of Eco-tourism in Tropical and Subtropical Area	Conservation and Wise Use of Wetland in the context of implementing Ramsar Convention and CBD	Wildlife Issue Solutions for Biodiversity Conservation	Dissemination of Education for Sustainable Development through environmental education in Pacific Region				
Gov. officers, Engineers	Environment Education officer	Environment Education officer	university teacher	Administrative officers, technical officers	Environment Education officer		Administrative officers, NGO	Administrative officers, technical officers	Technical Officer, NGO's Project Manager	Quality control officer	Officer			Administrative Officer (environmental education field)				
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	Cont.	Revise	Revise	New	Cont.				
TIC(Economic)	OSIC	OBIC	OSIC	TIC(Economic)	OBIC	TIC(Economic)	TBIC (Training)	TIC(Economic)	TIC(Economic)	OSIC	OIC	OBIC	OBIC	HIC				
264	547	548	618	549	550	551	520	553	557	632	555	556	552	638				

(29) Fisheries

	Standard Category	Leaders Training Program					Solution Creation Program				
	Type	Group				Region-focused	Group			Region-focused	
	Program No.	0980336	0980351	0980975	0980976	0984215	0980752	0980852	0980863	0984038	0984292
	Program Title	Stock management and Enhancement in the Sea	Fish Disease Prevention and Hygienic Handling of cultured fish	Coastal Fishing Technique for Sustainable Resource Use	Gender Mainstreaming in Fishing Community Development	Maintenance of Refrigeration System for Oceania	Capacity Building of Local Government for Sustainable Fishery Development	Planning for Fisheries Community Development	Coastal Fisheries Management	Secure sustainability of coastal fisheries resources through diversification	Sustainable Rural Fisheries Development for French Speaking Central and West African Countries
Target Group	Researcher	Administrative officer	Extension officer	Administrative officer	Administrator	Administrative officer	Mid-career official	Mid-career official	Officer	Executive officer	
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Revise	Revise	New
1. Fishing village development	1-1 Increase of income from fisheries			●		●		●		●	●
	1-2 Diversification of income sources				●		●	●		●	●
	1-3 Life improvement of fishing village dwellers				●		●	●	●	●	●
2. Stable food supply	2-1 Enhancement of fisheries production			●							
	2-2 Development of aquaculture	●	●								
	2-3 Safety measures and quality control of fisheries products		●								
	2-4 Improvement of fisheries product processing and distribution/Development of fisheries infrastructure		●			●		●		●	●
3. Fisheries resource management	3-1 Stock assessment			●			●				
	3-2 Fisheries management			●			●	●			
	3-3 Fishing ground conservation	●					●	●	●	●	●
	3-4 Stock Enhancement	●	●								
	JICA CENTER	SKIC	CIC	KIC	YIC	OSIC	CIC	YIC	YIC	OIC	YIC
	PAGE	560	560	561	569	561	562	563	564	565	566

(30) Gender and Development

	Standard Category		Leaders Training Program			Trainers Training Program			Solution Creation Program				International Dialogue Program
	Type		Group			Group		Region-focused	Group				Region-focused
	Program No.		0980209	0980723	0980976	0980748	0980930	0984248	0980707	0980757	0980805	0980889	0984245
Program Title		Seminar on the Promotion of Education for Girls and Women	Seminar on Gender Mainstreaming Policies for Government Officers	Gender Mainstreaming in Fishing Community Development	Seminar for Promotion of Gender Equality III	Women's Entrepreneurship Development Training for Leaders	Community Empowerment through Safe Water Management for Arid Regions in French Speaking Africa	Workshop on Reproductive Health Strategy for NGO Senior Officers-Capacity Development of NGO Towards Sustainability	Maternal and Child Health	Participatory Community Development for Practitioners through JICA-NGO Partnership	Empowerment of Rural Women	Leadership Training for Women Through Rural Life Improvement (by Kaizen) for Central and South America	
Target Group		Government Official	Government Official	Officer, Extension worker	Government Official	Government Official, NGO		Government Official, NGO		International NGO or development agency	Extension worker, official	Government Official, NGO	
Objectives		New/Cont.											
Development Strategic Objectives		Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	
Achievement of gender equality and promotion of the empowerment of women	1. Policy and institutional support to promote gender equality	1-1 Reexamine discriminative system, law and policy toward women											
		1-2 Compile gender disaggregated data (gender statistics) and promote effective utilization of gender statistics		●		●							
		1-3 Strengthen mechanism and functions of National Machineries					●						
		1-4 Raise gender awareness of policy makers and decision makers											
		1-5 Strengthen the capability of officials related to promoting gender equality		●									
		1-6 Develop managerial capacity of departments/agencies for promoting gender mainstreaming		●			●						
		1-7 Establish effective network among national machineries, line Ministries, NGOs and academic institutions					●						
		1-8 Promote women's participation in the decision making process											
		1-9 Apply Gender Responsive Budget		●			●						
		2. Promote women's participation	2-1 Promote to change social, cultural and institutional systems which hinder women's participation										
		2-2 Create an enabling environment where men and women can participate equally					●						
		2-3 Sensitize and foster gender-equal civil society											
	3. Promote women's economic empowerment	3-1 Promote equal employment opportunity for women and develop women entrepreneurs			●		●				●		
		3-2 Formulate gender sensitive policies and systems in labor administration											
	4. Promote advancement of women's status in rural area	4-1 Promote women's empowerment in rural area			●		●			●	●	●	
		4-2 Promote livelihood improvement in rural area									●	●	
		4-3 Establish gender sensitive policies and institutional systems in rural development			●		●			●		●	
	5. Promote gender equality through education	5-1 Formulate gender-equal system for school education	●										
		5-2 Expansion of female students in higher education											
		5-3 Formulate gender sensitive policies and system in educational administration	●										
	6. Reduce gender disparity in health	6-1 Reduce gender disparity in health by improving diet and nutrition											
		6-2 Enhance reproductive health and rights						●	●				
		6-3 Solve vulnerability of women toward HIV/AIDS						●					
	7. Eliminate any forms of violence against women	7-1 Eliminate domestic violence (DV)											
		7-2 Promote a comprehensive provision against trafficking											
		7-3 Abolish female genital mutilation (FGM)											
		7-4 Support and protect victimized women											
	8. Reduce information disparity caused in gender inequality	8-1 Promote gender mainstreaming in Media											
		8-2 Arrange information from the standpoint of gender											
		8-3 Strengthen information extension and secure gender-equal access to information											
		8-4 Make gender issue mainstream in the media											
	9. Promote gender-sensitive environmental preservation and measure for sustainable development	9-1 Promote gender-sensitive environmental preservation and measures for sustainable development						●					
		9-2 Promote gender mainstreaming in environmental administration											
	10. Consider gender issues in the all aspects of various sectors	10-1 Consider gender issues in the all aspects of various sectors											
JICA CENTER		TIC(Human)	KIC	YIC	TIC(Public)	TIC(Public)	SIC	TIC(Human)	SIC	OSIC	TBIC (Training)	TBIC (Training)	
PAGE		568	568	569	570	571	275	219	220	527	529	572	

(31) Urban Development

	Standard Category	Leaders Training Program					
	Type	Group				Long-term	
	Program No.	0980230	0980708	0980979	0980980	0981131	0981132
	Program Title	Project Management and Evaluation for Civil Engineers in Public Works	Construction Equipment and Mechanized Construction Management	Seminar on Development and Application of Construction Engineering	National and Regional Development Policy	Urban Engineering	Infrastructure Planning and Design (Master's or Doctor's degree: Engineering)
Target Group	Officer, Researcher, Engineer	Engineer	Officer, Researcher, Engineer	Officer	Govt. Officer, Researcher	Researcher, Engineer	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
2. Urban Development	2-1 Planning of Urban Development Policies				●		
	2-2 Planning of land use						
	2-3 Improvement of general urban infrastructure	●	●	●			●
	2-4 Improvement of Living Environment						
	2-5 Urban Environment Conservation and Enhancement of Urban Disaster Prevention Capability						
	2-6 Enhancement of Urban Management Capability	●				●	
	JICA CENTER	YIC	YIC	YIC	YIC	TIC(Economic)	TIC(Economic)
	PAGE	574	574	575	576	577	577

Solution Creation Program										
Group									Region-focused	
0980212	0980325	0980711	0980782	0980798	0980922	0980947	0980950	0980859	0984134	0984288
Seminar on Public Works Administration in Regional Government	Urban Development (focused on Land Readjustment Measure)	Building Codes and Control Systems (Building Safety and Social/Environmental Consideration)	Comprehensive Transportation Planning and Project	Sustainable development and public works considering environmental and social impact	Planning Management of National Mapping and Surveying	Comprehensive City Planning	Improvement of Housing and Living Environments	Conservation and Risk Management of Historic Towns for Cultural Tourism	Public Participation, Consensus Building and Resettlement in Public Works Projects for Asian Countries	Environmental-Friendly Technologies Development for Building & Housing
Civil Engineer, Technical Official	Govt. Officer	Officer, Researcher, Engineer	Govt. officer	Officer, Civil Engineer	Government officials	Govt. Officer	Officer, Researcher, Engineer	Government Official	Officer	Administrative Officer, Engineer
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise	Cont.	New
●	●					●				
●										
●					●					
	●	●					●		●	●
●		●		●	●			●		
			●						●	
SIC	TIC(Economic)	TIC(Economic)	TIC(Economic)	OSIC	TBIC(Training and Partnership)	TIC(Economic)	TIC(Economic)	OSIC	OBIC	TBIC(Training and Partnership)
587	588	589	591	554	593	594	595	592	367	598

(32) Regional Development

	Standard Category	Leaders Training Program					
	Type	Group		Long-term		Group	
	Program No.	0980768	0980984	0981136	0981147	0980727	0984110
	Program Title	Infrastructure development and management	Participatory Local Social Development: Project Planning and Management	Graduate School of Regional development Studies, Toyo university	Capacity and Regional Development (Master's Degree Program)	Participatory Local Social Development: Theories and Practices	Project Formulation for Regional Development Focused on Human Security for Southeast Asian Countries
Target Group	Administrative Senior Officer	Local Govt. NGO, NPO		Government Official	Local Govt. NGO, NPO	Government Officials NGO, NPO	
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Regional Development	1-1 Planning of Regional Development Policies (Regional Development Policies)			●			●
	1-2 Promotion of Regional Economic Development (Economic Development)						
	1-3 Improvement of Basic Human Needs (Social Development)						
	1-4 Regional Promotion of Environmental Protection and Disaster-Prevention Measures (Environmental Protection and Disaster Prevention)	●		●			
	1-5 Capacity Development Regarding Regional Development		●	●	●	●	●
JICA CENTER	TBIC(Training and Partnership)	CBIC	TIC(Economic)	KIC	CBIC	CBIC	
PAGE	575	576	600	578	579	580	

Trainers Training Program						Solution Creation Program			
Region-focused						Group	Region-focused		
0984163	0984212	0984222	0984232	0984276	0984277	0980764	0984032	0984045	0984252
NEPAD Programme on Technical Assistance for Infrastructure (Concrete Structure Maintenance)	Endogenous Regional Economic Development Utilizing Local Resources for Central Asia	Regional Development Promotion for ASEAN countries –One Village One Product–	Eco-Tourism and Strategic Regional Development for Eastern Europe	Endogenous Regional Economic Development Utilizing Local Resources in Central and South America	Supporting Regional Development by Utilizing Local Resources in Africa	GENERAL MANAGEMENT FOR REGIONAL DEVELOPMENT AND PLANNING	Sustainable Regional Tourism Development in Central and South America	Regional Development for Central Asian Countries	Community Capacity and Rural Development – Focusing on One Village One Product – for African Countries
Administrative Officer	Government Officials	Government Officials	National & Local Govt. NGO	Government Officials	Government Officials, Civic Groups	Administrative Officer	Administrative Officer	Administrative Officer	Government Official
Cont.	Cont.	Cont.	Cont.	New	New	Cont.	Cont.	Cont.	Cont.
	●			●	●	●	●	●	
●	●		●	●	●	●	●	●	
							●		
	●	●	●	●	●	●		●	●
OSIC	CBIC	KIC	TIC(Ind'l)	CBIC	CBIC	SIC	SIC	SIC	KIC
581	582	601	584	585	586	590	456	596	597

(33) Environmental Management : Water Pollution

	Standard Category	Leaders Training Program								
	Type	Group								Region-focused
	Program No.	0980006	0980007	0980053	0980224	0980917	0980962	0980982	0980997	0984018
Program Title	Domestic Waste Water Treatment Techniques	Environmental Administration with Community Participation	Formulation of Environmental Standards and Regulations	Pollution Control for Hazardous Substances in the Environment	Regional Measures and Methods for Pollution Control for Environmental Engineers	Water Environmental Monitoring	Environmental Management Technology in Chemical Industries	The Environmental Management of Enclosed Coastal Seas	Sewage treatment technique for Central and South America	
Target Group	Officer, engineer		Government official	administrative engineer	Government official, Resercher				Engineer	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Improve ability to conserve water quality /to control water contamination noting each role of governments, business, citizens & research institutions (incl. universities)	1-1 Improve legal system		●		●	●	●	●	●	●
	1-2 Improve organizations/human resources			●	●	●	●		●	
	1-3 Improve finances									
	1-4 Enhance scientific expertise concerning water environment		●		●	●	●		●	
	1-5 Enhance businesses' environmental management ability							●		
	1-6 Improve citizens' ability to address water contamination			●			●		●	●
	1-7 Improve ability of research institutions incl. universities to address water contamination				●					
2. Improve water conservation/ water contamination control measures appropriate to relevant body of water	2-1 Improve water conservation/water contamination control measures in rivers		●	●		●		●		●
	2-2 Improve ground water conservation/ground water contamination measures					●				
	2-3 Improve water conservation/ water contamination measures in lakes and marshes		●					●		
	2-4 Improve water conservation/ water contamination measures in closed sea areas			●					●	
	JICA CENTER	KIC	KIC	KIC	OSIC	SIC	TIC (Economic)	CBIC	HIC	CIC
	PAGE	602	602	603	604	606	607	608	609	609

Trainers Training Program				Solution Creation Program							
Group				Group						Region-focused	
0980103	0980105	0980762	0980991	0980215	0980779	0980815	0980822	0980988	0980992	0984021	0984246
Operation and Maintenance of Sewerage System and Waste Water Treatment Technique	Sewerage Technology for Wastewater Control and Urban Drainage	Operation and Maintenance of Sewerage Systems	Environmental Education Focused on Fresh Water Environment -For tertiary Level Teaching Staff-	Measures Against Urban Environmental Problems	Sewage Works Engineering and Stormwater Drainage Technology	Industrial Wastewater Treatment Technique	Marine Environment Protection for Senior Officials in the Maritime Authorities and Law Enforcement Authorities	Integrated Basin Management for Lake Environment	Environmental Policy and Environmental Management-System	Industrial Pollution Control Management for Middle Eastern Countries	Waste Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America
officer, engineer		Engineer	university teacher	Government official		Engineer	Officer	Government official, Resercher, Engineer	Government official	Technical Official	Government official, Resercher
Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
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				•							
					•			•			
KIC	OSIC	SIC	OSIC	SIC	TIC(Economic)	KIC	OIC	OSIC	OSIC	KIC	OSIC
614	615	616	618	624	626	629	630	632	633	635	646

(34) Environmental Management : Air Pollution

	Standard Category	Leaders Training Program					Trainers Training Program		
	Type	Group				Region-focused	Group	Group	
	Program No.	0980053	0980917	0980921	0980982	0984138	0980991	0980992	0980885
Program Title	Formulation of Environmental Standards and Regulations	Regional Measures and Methods for Pollution Control for Environmental Engineers	Automotive Technology for Environmental Protection	Environmental Management Technology in Chemical Industries	VOICA-JICA JOINT TRAINING PROGRAM (Environmental Protection Technology & Management for Air Pollution Control)	Environmental Education Focused on Fresh Water Environment -For Tertiary Level Teaching Staff-	Environmental Policy and Environmental Management System	Cleaner Production for productivity improvement and energy conservation on Maintenance management	
Target Group	Government Officials	Government Officials, Researchers	Government Official		Government Officials, Researchers	university officer	Government official	officer, technical officer	
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Revise
1.Enhance ability to control environmental pollution (air pollution) through cooperation among industry, academia (research institutions), citizens & government	1-1 Improve policy planning ability of governments	●				●		●	
	1-2 Improve governments' ability to implement pollution control measures	●	●	●	●	●		●	
	1-3 Promote environmental education & learning by governments						●		
	1-4 Enhance science & technology to support governments in forming & implementing more effective policies		●			●		●	●
	1-5 Enhance businesses' ability to address environmental problems				●	●		●	●
	1-6 Improve citizens' capability to address environmental problems (air pollution)			●				●	
	1-7 Enhance ability of research institutions incl. universities to address environmental problems (air pollution)	●	●	●					●
2.Facilitate to implement air pollution control measures	2-1 Promote local air pollution control measures		●			●			
	2-2 Promote measures to address transboundary air pollution in the region								
	2-3 Promote global air pollution control								
JICA CENTER	KIC	SIC	TBIC(Training and Partnership)	OBIC	KIC	OSIC	OSIC	KIC	
PAGE	603	606	606	608	610	618	633	631	

Solution Creation Program					
Region-focused					
0984021	0984076	0984078	0984155	0984286	0984287
Industrial Pollution Control Management for Middle Eastern Countries	Promotion of Cleaner Production for Southern and Eastern European Countries	The Acid Deposition Monitoring Network in East Asia	CLEANER PRODUCTION IN PROCESS INDUSTRIES FOR LATIN AMERICAN COUNTRIES (FOR MANAGERS AND ENGINEERS OF PROCESS INDUSTRIES)	Air pollution source management	Countermeasure against Automobile Pollution in Urban Area
	Governmental Official	Technical Officers, researcher	manager, engineer	officer, technical officer	Governmental Official
Cont.	Cont.	Cont.	Cont.	New	New
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KIC	KIC	HIC	KIC	KIC	OSIC
635	639	640	644	648	649

(35) Environmental Management : Solid Waste Management

	Standard Category	Leaders Training Program						
	Type	Group					Region-focused	
	Program No.	0980007	0980100	0980224	0980226	0980974	0984209	0984224
	Program Title	Environmental Administration with Community Participation	Waste management Technique and Environmental Education	Pollution Control for Hazardous Substances in the Environment	Comprehensive Waste Management Technique	Seminar on Comprehensive Solid Waste Management	Hazardous Waste Management and Appropriate Disposal for Asia	Solid Waste Management for Southwest Asia - Discussion for Realizing the Improvement Measures -
Target Group	central, local government officer	Officials, engineers	Administrative Engineers	Engineers	Mid Career Officials	Mid Career Officials	Governmental Officer	
Development Strategic Objectives	Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
1. Improve SWM capability	1-1 Improvement of systems		●	●	●	●	●	●
	1-2 Improvement of organizations							
	1-3 Improvement of finances							
	1-4 Improve cooperation with the private sector				●			●
	1-5 Improvement of technology		●	●	●	●	●	●
2. Establish SWM system appropriate to target society	2-1 Due consideration to culture & society	●			●			
	2-2 Promote involvement by SW generator to SWM system	●	●		●	●		●
	2-3 Improve environmental management ability of SW generators (corporations)						●	
	JICA CENTER	KIC	KIC	OSIC	CIC	YIC	YIC	KIC
	PAGE	602	603	604	605	608	611	612

Solution Creation Program								
Group					Region-focused			
0980091	0980215	0980802	0980992	0980121	0984026	0984146	0984006	0984305
Solid Waste Management by Local Government	Measures Against Urban Environmental Problems	Urban Solid Waste Management by Local government	Environmental Policy and Environmental Management System	WASTE MANAGEMENT and 3R (Reduce, Reuse and Recycle) POLICIES	Waste Management Technologies and 3Rs for Central and South American Countries	Waste Management for Promoting Recycling-oriented Societies in Central and South America	Establishment of Sound Material Cycle Society For ASEAN Countries – Formulation of Practical Measures –	Sustainable solid waste management in Caribbean islands
Administrative officers, technical officers	Government Official		Government Official	Administrative officers, technical officers	Government Official	Government Official	Government Official	Officer
Cont.	Cont.	Cont.	Cont.	Revise	Cont.	Cont.	Revise	New
●	●	●	●	●	●	●	●	●
				●				●
								●
●	●			●				
●	●	●			●	●		
					●	●		
●	●	●			●	●	●	●
	●				●	●	●	●
HIC	SIC	OSIC	OSIC	TIC (Economic)	SIC	CBIC	KIC	OIC
621	624	627	633	622	636	642	634	651

(36) Environmental Management : Cross-sectoral

	Standard Category		Leaders Training Program					Trainers Training Program		
	Type	Group			Region-focused	Long-term		Group		Region-focused
	Program No.	0980106	0980729	0980936	0984202	0981206	0981210	0980780	0980765	0984200
	Program Title	Workshop on Administration of Environmental and Social Consideration Process for Implementation of a Japanese ODA Loan Project	Research on Environment Technology	Environmental Impact Assessment for ODA Project	Capacity Building for Officers dealing with AR-COM Project for Asia-Pacific Region and South & Central America	Human resource development program in environmental management and material cycle society (Master's Degree: Engineering or Environmental management)	Global Environmental Leaders Development for Climate Change Mitigation (Master's Degree: Environmental Studies or Engineering)	Reinforcement of Meteorological Services	Adaptive Watershed Management for Flood Countermeasures by Climate Change and Conservation of Ecosystem	Sustainable community development by citizens' participation for West Balkan countries
	Target Group	Technical Officer	Researcher	Technical Officer		Gov. Official, Researcher	Gov. Official, Researcher	Administrative officers, technical officers		Administrative officers, technical officers, NGOs
Development Strategic Objectives	New/Cont.	Cont.	Cont.	Cont.	Cont.	New	New	Cont.	Revise	Cont.
1. Enhance ability to control environmental pollution through cooperation among industry, academia (research institutions), citizens & government	1-1 Enhance governments' policy making ability				●		●	●		
	1-2 Enhance governments' ability of implementing measures	●		●				●		
	1-3 Promote information arrangement and enlightenment activity by government	●		●				●	●	●
	1-4 Promote science & technology to support governments' ability to formulate/implement measures more effectively		●				●	●	●	
	1-5(a) Improve enterprises' ability to mitigate global warming									
	1-5(b) Enhance business' ability of environmental management (by introduction of CP etc.)									●
	1-6 Improve citizen's ability to prevent and mitigate global warming									●
	1-7 Enhance research institutions' (incl. universities) capability of preventing global warming		●		●	●				
2. Promote implementation of measures against global warming	2-1 Promote local measures against global warming				●		●		●	
	JICA CENTER	TIC (Economic)	TBIC (Training and Partnership)	TIC (Economic)	TIC (Economic)	KIC	CBIC	TIC (Economic)	OBIC	TIC (Economic)
	PAGE	604	605	607	611	612	613	268	617	619

Solution Creation Program									
Group					Region-focused				
0980066	0980572	0980793	0980811	0980133	0984141	0984148	0984195	0984280	0984290
Adaptation for climate change	Development of Strategies on Climate Change	Capacity Building for Policy staff regarding Kyoto Mechanism	Risk Management and Residue Analysis of Chemicals For Environmental Safety	Pollution Control and Local Environmental Management	Capacity Development for Adaptation to Climate Change—Climate Moderating and Analysis	Capacity Development in Environmental Management (Air and Water Pollution Control) for Middle Eastern countries	Capacity Development of Host Countries of CDM/JI for Southeast European and CIS countries	Promotion of Project Formulation of Clean Development Mechanism in Central Asia and Caucasus Region	Enhancement of administrative capacity for promoting environmental education
Administrative officer	Administrative officer	Administrative officer	Adm. And Technical officer	Adm. And Technical officer	Administrative officer	Government Official, Engineer	Administrative officer	Administrative officer	
Cont.	Cont.	Cont.	Cont.	New	Cont.	Cont.	Cont.	New	New
●	●	●	●	●		●	●	●	●
●	●	●	●	●		●	●	●	●
●	●			●			●		●
			●		●				
					●				
●	●	●					●	●	
TBIC(Training and Partnership)	TBIC(Training and Partnership)	CBIC	HIC	CBIC	TIC(Economic)	OSIC	TBIC(Training and Partnership)	CBIC	HIC
620	625	666	628	623	641	643	645	647	650

(37) Enhancing Development Effectiveness

	Standard Category	Leaders Training Program			Trainers Training Program	
	Type	Region-focused		Long-term	Group	Region-focused
	Program No.	0984086	0984098	0981137	0980833	0984234
	Program Title	Improvement in the Capability for using Aid for Central Asia and Caucasus Region	Knowledge-based Management for Asia	International Development and Cooperation	Seminar on Evaluation of Japan's ODA Loan Projects	Seminar on Contract Administration for Japanese ODA Loan Projects in Asia
	Target Group	Administrator				
Development Strategic Objectives	New/Cont. Objectives	Cont.	Cont.	Cont.	Cont.	Cont.
1. Capacity Development	1-1 Organizational Management / Development		●			
	1-2 Capacity Development of Institution and Society					
2. Effective and Efficient Utilization of Development Resources	2-1 Improvement of Capacity to Formulate Development Strategy			●		
	2-2 Improvement of Capacity to Formulate Development Cooperation Policies	●				
	2-3 Improvement of Capacity to Manage Bilateral Cooperation Programs				●	●
	2-4 Promotion of South-South Cooperation					
JICA CENTER		TIC(Public)	TIC(Public)	CBIC	TIC(Public)	TIC(Public)
PAGE		654	654	655	656	315

Solution Creation Program			International Dialogue Program	
Group			Region-focused	
0980027	0980835	0980994	0984170	0984308
Management of Human Capacity Development Programs	Japanese ODA Loan Seminar	Enhancement of Local Government Administration and Public Services (Participatory Local Development)	International Cooperation Seminar for the Central and South American Countries	Strengthening for Implementation Capability of Development Training under South-South Cooperation
Cont.	Cont.	Cont.	Cont.	New
●				
		●		
	●		●	
				●
TIC(Public)	TIC(Public)	OSIC	TIC(Public)	TIC(Public)
657	658	319	659	664

How to read the Program Outline

Practice of Science Education for Secondary School ※ 1 中等科学教育実技		※ 2 GROUP 0980004
Target Countries: Anglophone Countries in Africa ※ 8		※ 5 Education—Lower Secondary Education ※ 6 Education—Upper Secondary Education 8 participants ※ 7 English
OBJECTIVE ※ 9 <Outcome> This program aims to enhance the capacity of the participants in developing teaching materials effectively through learning the system of science education in Japan and acquiring the techniques for experiments and observation on physics, chemistry, biology and earth science. <Outputs> (1) Learn the system and practical teaching/ learning methodology of Science Education in Japan. (2) Acquire the techniques for experiments and observation as well as the ways of developing and introducing effective teaching materials. (3) Learn the science education conducted at secondary schools and the current situation of informal science education in Japan (4) Learn how to design a science education program effectively and practically by making use of the knowledge and techniques acquired through this program.	TARGET ORGANIZATION / GROUP ※ 11 (1) Those engaged in teaching science at a secondary school or in-service teacher training (INSET) of secondary science education (2) Have over 3 years of experience in the above field *Administrators, researchers, and math teachers are discouraged to join.	
CONTENTS ※ 10 One of the main issues of science education in developing countries is that most of the classes are done in the chalk & talk style, which puts children off science. Hiroshima University has noteworthy results for teacher education in Japan as well as for international educational cooperation. This program mainly consists of the following programs. In program (2), each participant will experience four major fields of science education in Japan (physics, chemistry, biology and earth science) in order to acquire comprehensive viewpoints. In program (3), according to the preferences of participants, each participant will choose two of five fields from: physics, chemistry, biology, earth science and science education. The content of the program will be decided after discussion with the instructors in charge. (1) Outline of science education in Japan (2) Science experiments and observation (3) Training in specialized field (4) School visits (class observation) (5) Study tours	PROGRAM PERIOD Aug.4.2009 ~ Sep.27.2009 ※ 12 IMPLEMENTING PARTNER Graduate School of Education, Hiroshima University ※ 13 JICA CENTER JICA Chugoku ※ 14 COOPERATION PERIOD 2005~2009 ※ 15 REMARKS ※ 16 This program has the experience for over 15 years.	

***1 PROGRAM TITLE (English/Japanese)**

***2 Types of Training**

There are three types of Training and Dialogue Programs, Group, Region-Focused, and Long Term.

***3 Standard Category**

JICA has classified Group and Region-Focused Training Programs into four standard categories as shown below, in order to clarify the objectives of the Group and Region-Focused Training Programs.

***4 PROGRAM NUMBER**

***5 GLOBAL ISSUES (SECTOR / SUB-SECTOR)**

When a program covers multiple sectors, the program title appears in each category in the table of contents at the front page, so as to encourage participation from wider range of organizations.

***5 CAPACITY**

Number of participants for each program.

***6 LANGUAGE**

Generally English to promote accessibility to all countries.

***7 TARGET COUNTRIES**

In the case of programs which require the participating countries to fulfill certain conditions such as geographical conditions, social circumstances, or representation in international conventions or bodies, the condition is shown here.

***8 OBJECTIVE**

The objective which should be achieved by participants and/or participating organizations following completion of the program.

***10 CONTENTS**

Description of the program in terms of issues and forms (i.e., lecture, practice, discussion etc).

In some cases, <Preparatory Phase> or <Post- program Activities> may be included as a part of the overall program.

<Preparatory Phase>

Activities which should be performed by participants / participating organizations prior to the visit to Japan (e.g. preparation seminar, research, report writing etc).

<Post-program Activities>

Activities which should be performed in the home country following completion of the Program in Japan, so as to diffuse outputs of the program from individual participants to the participating organization or society of recipient country (e.g. implementation of Action Plan, submission of Final Report etc).

***11 TARGET ORGANIZATIONS / TARGET GROUP**

[Target Organizations] indicates the type of organization targeted by the program.

[Target Group] shows specific qualifications / requirements of participants.

***12 PROGRAM PERIOD**

Total period spent in Japan from arrival to departure. (NB: Subject to change)

***13 IMPLEMENTING PARTNER**

Organizations primarily responsible for implementation of the program.

***14 JICA CENTER**

JICA domestic center responsible for management of the program.

***15 COOPERATION PERIOD**

Fiscal years in which the program will be provided (normally 5 years).

***16 REMARKS**

Other information relevant to the program, such as the background, details of partner organization and bodies, qualifications / academic degrees available to participants etc. are provided here.

***17** ★ mark is shown to indicate the availability for the training programs which can be implemented several times