




6.Social Security


Occupational and Environmental Health Management for Sustainable Development 持続可能な発展のための職業環境保健マネジメント		GROUP  0880005
		Social Security—Labour and Employment
		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program is designed to provide participants with the basic concepts and fundamental knowledge of occupational health, to enable them to organize and conduct research planning, management and administration in order to prevent occupational diseases and promote the health conditions of workers in their respective countries.</p> <p>To reach this objective, participants are expected to achieve the following:</p> <p>(1) To obtain knowledge of the principles and core techniques of occupational and environmental health related to medical sciences, public health and other related disciplines</p> <p>(2) To recognize the environment, from the occupational to global level in the same vector and to obtain the skill and knowledge required to create a comfortable environment on each level</p> <p>(3) To develop the ability to evaluate and propose interaction between corporations' general activities and occupational health from the viewpoint of management, labor and services</p> <p>(4) To obtain knowledge on issues regarding corporations' social responsibilities and improve the abilities to cooperate with other actors of each social stratum in dealing with such issues</p>	<p>The program targets those engaged in occupational and environmental health as members of the following groups:</p> <p>(1) Occupational health physicians, occupational health nurses, industrial hygienists/environment management experts, industrial counsellors, academicians/researchers in related fields</p> <p>(2) Administrative officials at national or regional levels (including inspectors)</p> <p>(3) Personnel in charge of occupational health, staff engaged in occupational health at labor unions (their representative bodies), employers associations (their representative bodies), and NGOs</p>	
CONTENTS	PROGRAM PERIOD	Aug.4.2008~Dec.6.2008
<p>The training program consists of the following five main components:</p> <p>(1) Lectures and exercises on occupational health (2) Field trips (3) Elective programs (4) Program on data management and computer skills (5) Presentation of country reports and formulation of an Action Plan (AP). Further, depending on the situation each year, real-time video-conferencing with overseas colleagues will be scheduled.</p> <p>Lecturers and exercises will cover the following major subjects:</p> <p>(1) General principles of occupational and environmental health (2) Epidemiology (3) Occupational safety and health administration (4) Occupational cancer (5) Occupational disorders and their prevention (6) Mental health (7) Occupational physiological sciences (8) Occupational health services (9) Management of workers' health (10) Occupational toxicology (11) Work conditions and ergonomics (12) Evaluation and control of hazardous materials in work environments (13) Industrial ecology and global environment (14) Data management/analysis with computers</p>	IMPLEMENTING PARTNER	University of Occupational and Environmental Health (UOEH)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2005~2009
	REMARKS	

Prosthetic and Orthotic Technique 補装具製作技術		GROUP  0880321
		Social Security—Support for Persons with Disabilities Health—Health System
		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the program is to provide opportunities for healthcare professionals, including prosthetic and orthotic technicians, to acquire knowledge and techniques in manufacturing prostheses and/or orthoses through lectures, practicum, and field tours.</p> <p>The applicants will learn about the high level manufacturing of prosthetics and orthotics and will become leaders in their home country, contributing to the expansion of technologies and knowledge related to prosthetics and orthotics.</p>	<p>(1) Individuals with 10 to 20 years experience in the field of lower extremity prostheses,</p> <p>(2) Individuals going to be involved in the manufacture and education of prostheses and orthoses in applicant's respective countries upon completion of the course,</p> <p>(3) Individuals with a command of spoken and written English to understand the medical and biomechanical aspects of prosthetics and orthotics,</p> <p>(4) Individuals under forty-five (45) years of age,</p>	
CONTENTS	PROGRAM PERIOD	Sep. 2. 2008~Dec. 5. 2008
<p><Preparatory phase:></p> <p>Participants in this program are required to read certain assigned books or materials related to prostheses and orthoses before coming to Japan. The assignment will be informed in July 2007.</p> <p><Program in Japan></p> <p>(1) Lectures on (a) Anatomy, amputation and rehabilitation of lower extremities, (b) Outline of lower extremity prosthesis, (c) The clinical use of lower extremity prosthesis, and</p> <p>(2) Practicum on lower extremity prosthesis such as (a) Below knee prosthesis (BK): From casting to temporary fitting of PTB and TSB and fabricate one of them to finishing, (b)Above knee prosthesis (AK): Fabrication of IRC Ischial-Ramal-Containment Socket).</p> <p><Post-program activities:></p> <p>To disseminate the knowledge and techniques to the people concerned, for whom support is requested, and then send a report to JICA after 6months and 1 year.</p>	IMPLEMENTING PARTNER	National Rehabilitation Center for Persons with Disabilities
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	Including Japanese Language Course (50 hours)

Study Programme for the Senior Social Welfare Administrators 高級事務レベル社会福祉行政研修		GROUP	0880907
		Social Security—Social Insurance/Social Welfare Health—Health System 5 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Through introduction to the current situation and the experiences of Japan's social welfare administration, this program seeks to enhance the capabilities of senior administrative officers in charge of social welfare administration in ASEAN and other countries and thereby improve the social welfare standard, and deepen the mutual understanding and friendly relations between Japan, ASEAN and other countries.</p> <p>The overall goal of this program is to encourage human resources development in the field of social welfare administration and improvement of social welfare services in their respective countries.</p> <p>To reach this objective, participants will:</p> <p>(1) Specify issues and challenges by acquiring knowledge and information from Japan's experiences of social welfare policies and experiences of participating countries in the country reports presentation</p> <p>(2) Make a draft to improve the social welfare system and also to enhance the social welfare services in their respective countries</p>	<p>Senior administrative officers (Directors or Deputy Directors) who are engaged in the planning or administration of social welfare services and with adequate knowledge on the overall aspects in the social welfare services.</p> <p>Targeted persons are:</p> <p>(1) Governmental administrators in charge of the planning and management of social welfare services,</p> <p>(2) Individuals not less than 30 and no more than 50 years of age</p>		
CONTENTS	PROGRAM PERIOD	Jul.6.2008～Aug.2.2008	
<p>(1) Introduction of the Japanese social welfare system</p> <p>(2) Overview of the laws or related services of social welfare in Japan</p> <p>(3) Observation of the related organizations</p> <p>(4) Measures taken by local governments</p> <p>(5) Presentation and discussion of the Country Report</p> <p>(6) Formulation of an Improvement Plan</p>	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

Study Programme for the Senior Social Insurance Administrators 高級事務レベル社会保険行政研修		GROUP	0880912
		Social Security—Social Insurance/Social Welfare 8 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This programme will introduce the information and experiences attained in Japanese social insurance services, and encourage the active exchange of information, based on the experiences of each of the participants as well.</p> <p>To reach this objective, participants will:</p> <p>(1) Specify issues and challenges by acquiring knowledge and information from Japan's experiences of social security policies and experiences of the participating countries in the country reports presentation;</p> <p>(2) Make a draft to improve or enhance social security in their respective countries</p>	<p>Senior administrative officers (Directors or Deputy Directors) who are engaged in the planning or administration of social insurance services and who have adequate knowledge of the overall aspects in the social insurance services. The targeted persons are:</p> <p>(1) Governmental administrators in charge of the planning and management of social security systems,</p> <p>(2) Individuals not less than 30 and no more than 50 years of age</p>		
CONTENTS	PROGRAM PERIOD	Oct.13.2008～Nov.1.2008	
<p>The programme consists of two different courses; a Medical Insurance Course and Pension Course.</p> <p>(1) Introduction of a social security system, aging society, the structural reform of social security and the long-term care insurance system (common curriculum)</p> <p>(2) <For the Medical Insurance course></p> <ul style="list-style-type: none"> - Outline of the Medical Care Delivery and the Medical Insurance System - Reimbursement System of Medical Fees - Study Visit to Social Insurance Medical Fee Payment Fund - Trends in Medical Care Expenditure <p>(3) <For the Pension course></p> <ul style="list-style-type: none"> - Structure and management of the Pension System in Japan - Actuarial Affairs of the Pension System - Clerical Operation of the Pension Schemes - Corporate Pension / National Pension Fund <p>(4) Formulation of an Improvement Plan</p>	IMPLEMENTING PARTNER	Japan International Corporation of Welfare Services (JICWELS)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

Promotion of Social Participation of Persons with Disabilities through Sports 障害者スポーツを通じた社会参加		GROUP  0880958
		Social Security—Support for Persons with Disabilities
		11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The social participation of persons with disabilities (PWDs) is promoted in respective participating countries by stimulating sports activities in own organization. To reach the objective, participants are expected to achieve the following results:</p> <p>(1) To understand roles of sports to increase the opportunities for social participation of PWDs</p> <p>(2) Through comparing the present situation of the participant's own country and Japan, clarify problems, issues and objectives in promotion of sports of PWDs in respective countries</p> <p>(3) Make a realistic action plan for expanding opportunities for social participation of PWDs through sports.</p>	<p>Organizations in the sector of sports of persons with disabilities (PWDs) or organizations in the sector of sports which is working to contribute to promoting the social participation of PWDs (1) Managers or officers in the management sector with a past career of more than five years of a spot organization for PWDs, or (2) Managers or officers in the management sector with a past career of more than five years of an organization to promote sport activities in the community, (3) To add to meeting either one of the above mentioned requirements, and should be expected to contribute to the promotion of social participation of PWDs. (4) The applicants should be aged under 50 and have a good command of spoken and written English.</p>	
CONTENTS	PROGRAM PERIOD	Sep.15.2008~Nov.01.2008
<p><Preparatory Phase> Development of an Inception Report, describing the general situation of sports of persons with disabilities (PWDs) in the country, presenting jobs in own organization, analysis of the problems in the field of sports of PWDs and expected outputs through the program in Japan.</p> <p><Program in Japan></p> <p>Development of an action plan, describing the realistic way of applying the acquired knowledge and experience through training in Japan to promote the social participation of PWDs through sports in own country.</p> <ul style="list-style-type: none"> •Lecture and Discussion: Current surroundings of Persons with Disabilities (PWDs) in Japan and participating countries, Social Participation of PWDs, Sports of PWDs etc. •Practice: Teaching methodology and Instructing Points of Sports Designed for PWDs •Observation: Organization and Management of Sports Meetings (International, National and local levels) 	IMPLEMENTING PARTNER	Tokyo Sports Association for the Disabled
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>Applicants with disabilities should be able to participate in all the practice session of sports activities.</p> <p>*Applicants should be capable of self-care of their physical and mental condition. *Trainers and instructors will be prioritized lower than other applicants.</p>

Mainstreaming and Empowerment of Persons with Disabilities in Africa アフリカ地域障害者の地位向上		R/F  0884050
		Social Security—Support for Persons with Disabilities
Target Countries: Africa		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>1. To build the capacity of the DPOs in the Southern Africa Federation of the Disabled (SAFOD) countries and other parts of Africa in order to promote the African Decade of Disabled Persons, and</p> <p>2. To increase and strengthen the disability movement network in the overall African Region.</p>	<p>【Target Organizations】 Disabled Persons' Organizations</p> <p>【Target Group】 Leaders of national DPOs actively involved in the mainstreaming and empowerment of people with disabilities. Non-Disabled Persons and Government Officers are considered ineligible. Individuals under the age of fifty (50).</p>	
CONTENTS	PROGRAM PERIOD	Aug.17.2008~Sep.12.2008
<p>1. Global situation of PWDs</p> <p>2. Disability policies and movement in Japan</p> <p>3. UN mechanism and conventions</p> <p>4. Community living and IL movement</p> <p>5. Peer counseling</p> <p>6. Cross-disability concept</p> <p>7. Inception report presentation</p> <p>8. Leadership workshop</p> <p>9. Preparation of an action plan</p> <p>10. Field study (including accessibility check in town)</p> <p>11. Submission of the final Action Plan to JICA</p> <p>12. Others</p>	IMPLEMENTING PARTNER	Japan National Assembly of Disabled Peoples' International (DPI-Japan)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	<p>The course consists of a 3-week program in Japan and a 1-week program in Thailand.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The participants are expected to achieve the following outputs to contribute to the empowerment activities of deaf persons, such as increase in self-support and promotion of the social participation of the deaf persons as leaders of deaf organizations/community.</p> <p>Outcome: Action plan to improve issues of deaf persons or deaf organizations will be approved in participating organization.</p> <p>Output 1: Participants will acquire communication skill by International Sign Language.</p> <p>Output 2: Participants will be able to explain about sign language interpretation system in Japan</p> <p>Output 3: Participants will be able to analyze present situation and issues of deaf people and deaf organizations in their own countries</p> <p>Output 4: Draft of action plan to improve issues of deaf persons or deaf organizations will be formulated</p> <p>Output 5: Action plan to improve issues of deaf persons or deaf organizations will be considered by participating organization</p>	<p>(1) Deaf persons who use sign language to communicate, (2) Individuals with past experience or future prospects of leadership in the deaf community, (3) Individuals proficient in the sign language of their country and with a reasonable reading knowledge of English, (4) Individuals between twenty-five (25) and forty-five (45) years of age</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.8.2008~Nov.23.2008</p>
<p>(1) Communication basics: Confirming communication (International sign), Japanese sign language (2) Organizations for deaf persons: Organization of the Japanese, Federation of the Deaf, National Congress of Deaf Youth, Standardization of sign language, U.N. Convention on the Promotion and Protection of the Rights and Dignity of Persons with Disabilities, Editing and activities by official publications, Activities of the World Federation of the Deaf Regional Secretariat in Asia/Pacific (WFD RSA/P), Working to establish standardized sign language, Board meeting of the city's Association for the Deaf, Issues in participants' countries and efforts to resolve them (3) Status of education, employment and welfare of deaf persons: A. Welfare facilities, Current status of welfare for the hearing-impaired in Japan, B. Welfare services for persons with multiple handicaps, C. Daily living by deaf persons (independent living), D. Deaf persons and employment, E. Deaf persons and education (4) Other: Observations, Sign language circle activities, How to Use PowerPoint</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPANESE FEDERATION OF THE DEAF</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	<p>If two or more candidates from the same country who satisfy the above prerequisites, giving priority to those belonging to WFD (World Federation of the Deaf) member organizations.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Outcome: Capacity of working environment control of the participants' organizations will be improved through dissemination program which will be implemented by participants after their going back.</p> <p>Output After the completion of the training in Japan participants will be able to (1)explain measures for chemical and physical hazard control in working place used in Japan (2)clarify Issues in participants' organizations (3)make a plan of dissemination program to improve capacity of chemical and physical hazard control in their organization International Office, Industrial Safety and Health Department, Ministry of Health, Labour and Welfare</p>	<p>1) University graduates of a science or engineering faculty or with an equivalent qualification (preferably in chemistry or a related subject.) 2) Officials or technicians employed at health and safety and government related institutions involved in: 1. Occupational disease prevention 2. Toxic substance measurement 3. Promotion and guidance for an improved work environment</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.26.2008~Aug.2.2008</p>
<p>The following major subjects will be covered in the program: (1) Japan's Occupational Health & Safety System/Laws and Regulations, Labour Standards Inspection System, Worker's Compensation (2) Occupational Health Overview: History of Occupational Disease & Countermeasures Therefore in Japan (3) Working Environment Measurement/Control of Toxic Substance Exposure/Biological Monitoring (4) On-site Improvement of Work Environments (including Stepped participatory approach to low-cost improvement) (5) Practice On-site at Plants (6) Comprehensive Risk Management (7) Training Evaluation & Measurement of Effects Participants should be kindly required to bring country reports contained on CD-ROM, and are also required to bring photographs and statistics of workplaces supposed to have serious problems in your country (to facilitate brainstorming among the participants to further improvement the environment in the workplace.)</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPAN INDUSTRIAL SAFETY AND HEALTH ASSOCIATION</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	<p>As you will be aware in the section [Essential Facts] in the General Information section, we are trying to introduce a follow-up system for ex-participants to be able to monitor their achievements. In detail, we have a session to discuss during the first week of the technical training (programme).</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The government staff in developing countries will be able to draft technical standards on occupational safety and health in construction industry, and enforce these standards.</p> <p>【Outputs】 I. By the end of the course in Japan: (1) ① To be able to explain current situation and issues on occupational safety and health of construction industry in participant's own country. (2) ② To be able to explain a summary of laws, regulations, technical standards and guidelines on occupational safety and health applicable to construction industry. (3) ③ To be able to explain voluntary activity on occupational safety and health at construction site (4) ④ To be able to advise employers and workers on safe work and emergency preparedness. (5) Interim report(Action Plan), which is aimed at disseminating the process and approach of occupational safety and health, is supposed to be presented by participants. Additionally, each Action Plan is evaluated by the checksheet which would confirm the quality of Action Plan</p> <p>II. After returning to their home country: After the Core Phase in Japan, Participants are expected to hold a seminar which aims to disseminate the process and approach of occupational safety and health based on the Action Plan .</p>	<p>【Target Organizations】 The government authority in charge of occupational safety and health in developing countries 【Target Group】</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.12.2008～Sep.20.2008</p>
<p>(In Japan) (1) •Preparation and presentation of country report •Lecture on occupational safety and health administration •Lecture on workers' accident compensation scheme •Lecture on zero accident strategy of construction industry in Japan (2) •Lecture on overall management for intermingled workers •Lecture on safety of scaffolding, machinery and equipment •Lecture on training and license system •Lecture on asbestos safety at demolition work •Lecture on system of plans notification to the authority (3) •Lecture and practice on Hazard Prediction Training(KYT) •Lecture on Safety Construction Cycle •Lecture and exercise on risk assessment •Lecture on occupational safety and health management system(OSHMS) (4) •Lecture and practice on personal protective equipment(PPE) •Practice on first aid •Practice on emergency preparedness at tunnel construction •Construction site visit •Case study of occupational accident (5) •Preparation and presentation of action plan</p> <p><Post-program activities (After participants' return)> Within 6 months of the end of the course in Japan, participants are expected to implement the plan proposed in the Action Plan and report the progress as a final report.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan Construction Safety and Health Association</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	

Target Countries: Middle Eastern Countries

5 participants / Arabic

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【PURPOSE】 Based on the philosophy of CBR, the participants would conduct pilot activities and disseminate the lessons learned to the other organizations so that the children and adults with disability would receive necessary care, equal opportunities and be fully included in the society.</p> <p>【OUTPUT】 (1) Basic ideas on CBR and roles of persons involved in CBR are shared with the participants. (2) The participants would recognize and know how to utilize the social resources surrounding the persons with disability. (3) The participants make a plan of actions through which CBR activities are properly realized. (4) The participants conduct the plan of actions in their home towns.</p>	<p>Basically, two persons as below participate from one country.</p> <p>(1) Person from an organization which (is willing to) exercises CBR. (2) Administrator in charge of CBR</p> <p>*A participant should understand deeply about the life and problems of persons with disability. *Persons with disability are acceptable.</p>	
CONTENTS	PROGRAM PERIOD	Jun.11.2008~Jul.20.2008
<p>【PREPARATORY PHASE】 (before coming to Japan) The participants are required to have discussions with colleagues, JICA volunteers or experts to summarize a report on the practice of CBR and critical issues concerning the care for persons with disability.</p> <p>【CORE PHASE】 (conducted in Japan) <ul style="list-style-type: none"> - Workshop for better understanding about the issue and course purpose - Idea on CBR and community welfare in Japan - Through-life support to the persons with disability - Inclusive education in the community - Social resources available and utilization - Sports and recreation for the persons with disability - Individual support plan - Early child care and daily support by family members - Visit to houses of persons with disability - Drafting a plan of actions </p> <p>【FINAL PHASE】 (after returning to home countries) <ul style="list-style-type: none"> - Holding report meetings - Revision, authorization and implementation of the plan - Writing a progress report - The monitoring study(questionnaire execution from JICA Hokuriku) for a certain period </p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p>	<p>International Community of the Rehabilitation Sector (NPO)</p> <p>JICA Hokuriku</p>
	<p>COOPERATION PERIOD</p>	2007~2009
	<p>REMARKS</p>	<ul style="list-style-type: none"> - Training language would be Arabic. - The participants should preferably have some relationship with other JICA activities or people.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>An action plan, which is made during the training course, will be developed and systematized to comprehensively assist victims in the respective participating countries.</p>	<p>【Target Organizations】 Central or local government to plan and implement policies for assisting victims</p> <p>【Target Group】 Central or local government officials, aged between 25 and 45 years old, in charge of planning and implementing policies to assist victims</p>	
CONTENTS	PROGRAM PERIOD	Oct.16.2008～Nov.29.2008
<p>(Before arrival in Japan) Job report making</p> <p>(In Japan) Job report presentation Lectures & discussions on: Introduction & basics of assistance for victims Present situation regarding various victims & countermeasures for the same in Japan & abroad, etc. PCM training for making an action plan Presentation of an action plan for participating countries. Field trips</p> <p>(After returning to respective countries) Develop and systematize the action plans, based on what is acquired during training in Japan, to assist victims in participating countries.</p>	<p>IMPLEMENTING PARTNER</p>	International Victimology Institute, Tokiwa University
	<p>JICA CENTER</p>	JICA Tsukuba
	<p>COOPERATION PERIOD</p>	2007～2009
	<p>REMARKS</p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Overall Goal: Towards the "Society for All", the equal participation of persons with disabilities is promoted and welfare services and systems for individuals with disabilities in each country are developed.</p> <p>In order to empower individuals with disabilities as leaders and consequently their organizations, participants are expected to achieve the following objectives: (1) To acquire and enhance wide-ranging knowledge and skills, encompassing both national and international disability related issues. (2) To be able to analyze disability related issues in their home countries and find practical solutions to the same. (3) To build leadership capacity and be able to empower others with disabilities in their organizations, society and country. (4) To know how to write a project proposal and how to make an effective presentation. (5) To exchange ideas and experience with other participants in the program and promote mutual understanding. (6) To implement the project proposal written during the program.</p>	<p>(1) Leaders of governmental and non-governmental organizations / groups of persons with disabilities who have disabilities. (2) More than 3 years of working experience in relevant fields is preferable. (3) Age: 25-40 years old</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.21.2008~Dec.12.2008</p>
<p><Preliminary phase> Inception Report Presentation (Personal data and/or general country and organizational information)</p> <p><Program in Japan> (1) Lectures and discussions: governmental policies/welfare system, support systems, education and employment issues, disability movements, transportation and accessibility, human rights and advocacy. (2) Visits: national rehabilitation centers, (sheltered) workshops, independent living centers, organizations specific for each type of disabilities and centers run by persons with disabilities. (3) Regional visits: regional welfare services for persons with disabilities (4) Individual training: according to participants' individual interests and expertise. (5) Workshops: facilitator skills, proposal writing, organization management and peer-counseling. (6) Project Plan Presentation (7) Evaluation</p> <p><Program in home country> (1) Submission of a Progress Report (result of the project implementation) (2) Finalization</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPAN. SOC. FOR REHAB. OF PERSONS WITH DISABILITIES</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	<p>* Information about previous training programs can be obtained on the "Training" pages at the "jicafriends" web site, which was created to promote exchanges among ex-participants of two training programs, "Leaders of Persons with Disabilities" and "Vocational Rehabilitation and Employment Promotion of Persons with Disabilities." URL: http://www.jicafriends.jp/</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Course Objectives】 Participants will acquire necessary knowledge and skills to improve their countries' policy for industrial safety and health by learning Japanese cases.</p> <p>【Outputs】 1)to understand the outline of Industrial Safety and Health policy in Japan and its measures (KYT, etc), 2)to understand how industrial safety and health policy is being carried out in the workplaces, i.e. factories and construction sites, and 3)to examine improvement of industrial safety and health measures in their own countries, comparing each relevant country's case and Japan's based on 1) and 2), and formulate action plan.</p> <p>Participants are expected to actually implement their action plans after their return home and requested to report the progress to JICA</p> <p>After the Core Phase in Japan, Participants are expected to submit implementaion/progress report to JICA.At the same time, JICA may monitor how the progress of their Action Plan is.</p>	<p>【Target Organizations】 Governmental organizations mandated to formulate and promote measures and administrate industrial safety and health.</p> <p>【Target Group】 Individuals under 45 years of age, with more than 3 years of occupational experience in this field.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.8.2008～Nov.8.2008</p>
<p>This course consists of lectures, workshops and observation tours. The main subjects are as follows:</p> <p>Program in Japan (1) Japan's administrative system and legal framework of occupational safety and health, (2) History of Japan's occupational safety and health, (3) Role of industrial accident prevention organizations, (4) Occupational safety and health support programs for SMEs (Small and medium-sized enterprises), (5) Method of occupational safety and health education, (6) OSHMS (occupational safety and health management system) in Japan, (7) Zero-accident Campaign and KYT (hazard prediction training), (8) Health promotion with THP (Total Health Promotion Plan) in Japan, (9) Mental health in the workplace, (10) Private sector's occupational safety and health activities, and (11) Formulation of an action plan.</p> <p>Program in home countries (12)After the Core Phase in Japan, Participants are expected to submit implementaion/progress report to JICA. (At the same time, JICA may monitor how the progress of their Action Plan is.)</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPAN INDUSTRIAL SAFETY AND HEALTH ASSOCIATION</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2007～2009</p>
	<p>REMARKS</p>	<p>Possible target countries: Countries striving to improve the industrial safety and health situation.</p>


Target Countries: Countries wishing to develop Labour-Management Relation Policy

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this seminar is to introduce the socio-economic and historical background of the IR, especially the cases of SME (Small and Medium sized Enterprises). Also, we are going to introduce the historical process of the Labour administration focused on post-war IR administration.</p> <p>By making the participants understand the present condition as well as the function of our country's IR, and at the same time, conducting comparative research of the IR among the participants' countries, we aim to encourage trainees to comprehend their own countries' present conditions objectively and gain the ability to improve the situation.</p>	<p>(1) Mid-ranking officers in charge of labour-management relations administration in government organizations and trade union leaders, etc. (2) Individuals with more than three years of occupational experience.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jun.3.2008~July.9.2008</p>
<p>This Seminar consists of the following lectures from specialists:</p> <ol style="list-style-type: none"> (1) Japanese Post-war Labour Law (2) Labour Economic Condition of Today (3) Industrial Relations Administration and Labour Policy (4) Industrial Relations Law (5) System to solve group and individual disputes <p>Also through a visiting tour to the Local Labour Office and the Offices of Workers and Employers, participants are expected to comprehend the IR, especially the situation of the workers of SME (Small and Medium sized Enterprises) and government and municipal officers.</p> <p>Participants are to submit the report as a follow-up within 3 to 6 months after the seminar.</p>	<p>IMPLEMENTING PARTNER</p>	<p>THE ILO ASSOCIATION OF JAPAN, INC.</p>
	<p>JICA CENTER</p>	<p>JICA Yokohama</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	<p>Countries where labour issues are important are encouraged to participate in this program.</p>

Vocational Rehabilitation and Employment Promotion of Persons with Disabilities -Workshop Management 職業リハビリテーションと障害者の就労		GROUP 	0880872
Target Countries: Asia and Pacific Region		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The overall goal of this program is to improve and expand the employment status of persons with disabilities.</p> <p>To improve the employment status of persons with disabilities in participants' organization: Participants are expected to take the following actions in order to achieve the above written goal:</p> <p>(1) Analyze the employment status of persons with disabilities, vocational rehabilitation and vocational support systems of home countries and understand the major issues and problems regarding the management of vocational rehabilitation centers, workshops/work centers.</p> <p>(2) Improve the knowledge and skills of problem-solving, management of workshop/work centers, facilitation and proposal writing.</p> <p>(3) Formulate a Project Plan which intends to promote the employment of persons with disabilities and to improve disability-related activities of their organizations.</p> <p>(4) Implement their project plans in their home countries and submit a Progress Report after 6 months of completion of the program in Japan.</p>	<p>Directors, managers and instructors at workshops/workcenters or vocational rehabilitation centers who resume duties at grassroots levels (such as NGOs), concerning employment and vocational rehabilitation for persons with disabilities on their return. Those who work at grassroots levels are prioritized above governmental officers. The participation of people with disabilities is also appreciated.</p>		
CONTENTS	PROGRAM PERIOD	Jun.17.2008~Aug.02.2008	
<p><Preliminary Program in home country>Job Report: report on the overall situation of PWDs in respective countries</p> <p><Program in Japan></p> <p>(1) A series of lectures, dialogues, case studies and field studies</p> <p>(2) Presentation of a Job Report</p> <p>(3) Management skills</p> <p>(4) Facilitation skills</p> <p>(5) Individual Training</p> <p>(6) Regional visits</p> <p>(7) Submission of Project Plan</p> <p>(8) Evaluation</p> <p><Post-program Activities in the home country> Pursue their own project plans. reporting the progress report to JICA.</p>	IMPLEMENTING PARTNER	JAPAN. SOC. FOR REHAB. OF PERSONS WITH DISABILITIES	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004~2008	
	REMARKS	<p>Applicants should not be medical doctors or nurses. The program consists of visits, practices and discussions using participatory methods. The fruits of this program are the ability for participants to learn about PWDs' employment promotion in Japanese organizations at all different levels, from policy level to grassroots activities. Information about previous training programs can be obtained on the "Training" pages at the "jicafriends" web site, which was created to promote exchanges among ex-participants of two training programs, "Leaders of Persons with Disabilities" and "Vocational Rehabilitation and Employment Promotion of Persons with Disabilities." URL: http://www.jicafriends.jp/</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program aims at institutional capacity building through participants of this program to gradually improve the Quality of Life of Persons with Intellectual Disabilities (PWID) in a community.</p> <p>【Objective】 To improve the Quality of Life (QOL) of Persons with Intellectual Disabilities (PWID) through the realization of each participants' action plan, using a community approach. The human rights of PWID are to be recognized. To reach the objective, Participants are expected to achieve the following: (1) To understand the Support system for PWID in Japan (2) To analyze the Situation of PWID in the respective countries (areas) (3) To formulate an Action Plan to improve the situation of PWID in the countries (4) To complete and submit a progress report of their action plan within 5 months of completion of the program in Japan.</p>	<p>Executive managers/officials/coordinators responsible for the administration, planning and implementation of field programs from either local/national NGOs for community development, social welfare, community health, or a Community Based Rehabilitation (CBR) center for persons with disabilities. Participation from countries where there are active NGOs in the communities is highly recommended.</p>	
CONTENTS	PROGRAM PERIOD	May. 20. 2008～July. 21. 2008
<p><Preliminary Program in the home country> (1) Submission of the Inception Report</p> <p><Program in Japan> (1) A series of lectures, dialogues, case studies and field studies (2) Presentation of the Inception Report (3) Management skills (4) Individual Training</p> <p><Program in Bangladesh> (1) Discussion and field studies (2) Submission of the Interim Report (Action Plan) (3) Evaluation</p> <p><Program in the home country> (1) Submission of the Final Report (2) Certification and Finalization</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p>	<p>Japan League on Developmental Disabilities</p> <p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	2005～2009
	<p>REMARKS</p>	<p>This program incorporates a field study trip to Bangladesh (until August 2). Because the objective of this program is to build Institutional Capacity, it requires the materialization of each participant's action plan upon completion of the program. Organizations which are interested in those activities are highly recommended to participate.</p> <p>More program information is provided on the Website.: http://www.gtid.net/ All the participants can join to become members of the group Web site to create a network among participants, JICA and JLDD.</p>


Independent Living Activity of Persons with Disabilities in Central American and Caribbean Countries 中米・カリブ地域 障害者自立生活		R/F 	0884067
Target Countries: Central American and Caribbean Countries (Hispanic Countries)		7 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Rational and Realistic action plan about Independent Living Activity or Self-help Movement of Persons with Disabilities in participants respective countries will be formulated and shared among related personnels. 【Outputs】 (1) Participants will be able to explain the present situation and issues of persons with disabilities in their countries (2) Participants will be able to explain the value and management method of Self organizations (3) Participants will be able to explain concept and practical method of Independent Living (4) Participants will be able to formuoaate action plans for issues of persons with disabilities in their countires	【Target Organizations】 Self-organization of Persons with Disabilities 【Target Group】 Member of Self-organization of persons with disabilities To have more than three years experience of activities in self-organization To be persons with disabilities		
CONTENTS	PROGRAM PERIOD	Nov.16.2008～Dec.05.2008	
(1) Presentation: Country Report Discussion: Issue analysis (2) Lecture: Histry and the present situation of self-help movement Observation: Self organizations in urban area and rural area (3) Lecture: Independent Living Activity, Peer counseling, Relationship with government Observation: Independent Living in urban area and rural area Practice: Experience of Independent Living (4) Discussion: Issues and idea of improvement Presentation: Action Plan (Tentative)	IMPLEMENTING PARTNER	Independent Living Center Mainstream Association	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008～2010	
	REMARKS		


Target Countries: Oceanian Countries

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Outcome: The action plan to improve or solve issues regarding social welfare and education for Persons with Disabilities will be approved in participating organizations.</p> <p>Output1: Participants will be able to explain following matters regarding social welfare and education for Persons with Disabilities (PWDs) in Japan. (1) Social Welfare Administration for PWDs (2) Educational Administration for PWDs (3) Activities to improve quality of education (4) Promotion of employment for PWDs (5) Life in community of PWDs</p> <p>Output 2: Participants will be able to analyse issues of their own organizations.</p> <p>Output 3: The action plan to improve or solve issues in participating organizations will be formulated.</p>	<p>【Target Organizations/Target Group】 Government officials, teachers of filed workers, in the field of welfare, education, employment and community life of PWDs.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jan.19.2009～Feb.26.2009</p>
<p>[Self-study/Lecture]: Japan's history, efforts and challenges of education, welfare and employment for PWD.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Osaka Kyoiku University</p>
<p>[Presentation] Current circumstances, efforts and challenges of participants' countries.</p>	<p>JICA CENTER</p>	<p>JICA Osaka</p>
<p>[Observation] Practical Examples of Japan's support to PWD</p>	<p>COOPERATION PERIOD</p>	<p>2006～2008</p>
<p>[Discussion/Presentation] Action plan applicable to participants' countries.</p>	<p>REMARKS</p>	

7. Transportation

Road Engineering and Administration 道路技術		GROUP 	0880216
Target Countries: Countries with less than 50% sealed roads (national average)		Transportation—National Transportation	
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The capabilities for road engineering and administration will be improved through acquiring comprehensive knowledge and know-how necessary for appropriate road administration and management. To reach the objective, the following are expected: 1) To recognize the importance of the road survey and planning, and acquire the above methods, 2) To understand the procedure of road designing and construction, and acquire the key points for the field work management, 3) To understand the road maintenance, repair and management system in Sapporo city through practical exercises, and to be able to consider the applicability in the respective countries, 4) To understand the system of legislation, finance, and administration concerning roads in Japan, and to be able to consider the applicability in the respective countries, 5) To propose an action plan to solve the problems in the respective countries applying the lessons learned throughout this course.	【Target Group】 (1) Individuals nominated by each government in accordance with the proper procedures (2) University graduates or with equivalent technical qualifications in road engineering and administration, and with at least 5, preferably about 10, years of practical experience (3) senior technical officers in charge of road administration or road construction management in central or provincial government bodies (4) Individuals proficient in spoken and written English (5) Individuals over 30 and under 40 years of age (6) Individuals in good health and able to undergo the course of training		
CONTENTS	PROGRAM PERIOD	July.8.2008～Sept.13.2008	
<Preparatory Phase> Prepare a Country Report which describes the present situation, the direction and the problems related to road engineering in respective countries. <Curriculum in Japan> Lectures: Administrative Outline, Road Sector Outline, Survey, Road Planning, Road Design, Road Construction Techniques & Management, Road Maintenance, Road Management, Construction Contracts, Rainwater Drainage, Human Resource Development Practical Exercises: Construction design, Road maintenance, Rainwater Drainage (Maintenance of the drain pipe for rainwater drainage) Site visits & observation: Major facilities in Sapporo concerning road management, Road planning and construction sites, Asphalt and concrete plants, Road maintenance, Road conditions in cities outside Sapporo Discussions: Presentation: Country Report presentation, Action Plan presentation	IMPLEMENTING PARTNER	Construction Bureau, City of Sapporo	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2006～2010	
	REMARKS		

Seminar on Air Traffic Management 航空交通管理セミナー(20年度休止)			0880400
		Transportation—International / Inter-regional Transportation	
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants are expected to: (1) To understand the administrative system of civil aviation in Japan, (2) To understand the development and present situation of Air Traffic Services in Japan, (3) To understand the development and present situation of Air Traffic Control Services in Japan, and (4) To review the problems of Air Traffic Control Services and Air Traffic Services in the countries of the participants	(1) Individuals with no less than 3 years of experience in the field of Air Traffic Management (2) Air Traffic Controller who is expected to be engaged in the management of Air Traffic Control (ATC) or Air Traffic Services (ATS) in Air Traffic Control organizations in future is preferable. (3) Age: under 40 years old		
CONTENTS	PROGRAM PERIOD		
In this program, the following will be covered through lectures, discussions and observation trips. (1) Civil Aviation and Transportation in Japan (2) Air Traffic Services at present and in future (3) Air Traffic Management in Japan (4) Country Report Presentation (5) Observation at Airports, Area Control Centers (6) Study Report Presentation	IMPLEMENTING PARTNER	CIVIL AVIATION BUREAU, MLIT	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	1981～2009	
	REMARKS	This program is conducted biannually. The next seminar will be held in fiscal year 2009.	

**Information Management for Maritime Activity and Disaster Prevention
(Internationally Accredited Category B Course for Hydrographic Survey)**
海洋利用・防災のための情報整備

GROUP  0880713

Transportation—International / Inter-regional Transportation

Target Countries: Maritime countries

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Through the course, participants are expected:</p> <p>(1) to acquire knowledge and technique of hydrographic survey for preparing Nautical Charts (2) to acquire the knowledge of concepts of GIS and use the hydrographic survey data for maritime activities (3) to acquire the knowledge of maritime disaster prevention such as Earthquake and Tsunami</p> <p>Since the course is qualified for the International Accredited Category B for Hydrographic Survey, participants are given certificate of the Category B at the completion of the course.</p>	<p>[Target Organizations] National hydrographical offices or other relevant organizations responsible for carrying out hydrographical surveys of the sea</p> <p>[Target Group] Individuals with at least 2 years of occupational experience. A 2 year program of mathematics and physics, at least at technical college level, Individuals under 40 years old.</p>	
CONTENTS	PROGRAM PERIOD	
<p>The program will be conducted in the form of lectures, practice, field training, and study tour. Details are as follows:</p> <p>(1) Hydrographic Survey (INTERNATIONALLY ACCREDITED CATEGORY B) (2) Computer (Programming, Database, etc.) (3) GIS (Hazard Map against Tsunami) (4) Tsunami, Earthquake (5) Marine Environment (6) On board training</p>	<p>IMPLEMENTING PARTNER</p>	<p>May.11.2008~Dec.4.2008 Hydrographic and Oceanographic Department</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	<p>Participants are given certificate of the Category B at the completion of the course.</p>


Seminar on CNS(Communication,Navigation,Surveillance)Technology
航空通信・航法・監視(CNS)技術セミナー


GROUP  0880744


Transportation—International / Inter-regional Transportation


5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The program objective is to acquire fundamental knowledge of Future Air Navigation System.</p> <p>Participants are expected to achieve the following:</p> <p>(1) Understand the problems of current air navigation / air traffic control system, (2) Understand fundamental knowledge on new navigation systems and transition planning toward the new system (3) Obtain techniques for the development of an original master plan for each country's new CNS (Communication, Navigation, and Surveillance) system</p>	<p>[Target Organizations] National Air Traffic Offices or relevant organizations responsible for carrying out air navigation or air control</p> <p>[Target Groups] (1) Individuals with more than 5 years' occupational experience in the field of current air navigation and air traffic control system (2) Individuals experienced in designing air navigation and air traffic control system (3) Individuals under 40 years old</p>	
CONTENTS	PROGRAM PERIOD	
<p>The program will be conducted in the form of lectures, sites observation. Details are follows;</p> <p>(1) Problems of the current system (2) New Navigation System (New CNS System Based on FANS Concept, New Communication System, New Navigation System, New Surveillance System) (3) Implementation plan for CNS in Japan (Outline, Communication System, Navigation System, Surveillance system, Application for New System, User Facilities) (4) Facility Observation (5) Summary and Discussion</p>	<p>IMPLEMENTING PARTNER</p>	<p>Oct.2.2008~Nov.1.2008 Civil Aviation Bureau, MLIT</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2002~2010</p>
	<p>REMARKS</p>	

Shipping Administration for ASEAN members 海事行政(ASEAN諸国対象)		GROUP 	0880791
Target Countries: ASEAN member countries that faced on the sea		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>After this training finished, the high class officer responsible for shipping administration of the ASEAN member country become making their policy in line with global standards of the international shipping.</p> <p>(1) Understand current stream of world shipping and Japanese shipping (2) Understand government policy on shipping and shipping related sectors (3) Understand the roles and functions of agencies related to shipping administration and its cooperation (4) Understand the private activities of shipping business, shipping management, insurance (5) Understand the developing shipping policy</p>	<p><Target Organizations> Central or local government in charge of the field of Shipping administration in ASEAN member countries. <Target Group> (1) College graduates, or have the equivalent academic background (2) Currently employed in the national shipping office or other pertaining organizations which are responsible for carrying out shipping administration, with at least ten (10) years of the occupational experience, (3) Have a sufficient command of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Dec.2008~Dec.2008	
<p>The following subjects will be covered in this program through lectures, observations and discussions</p> <p>(1) Maritime transportation (2) Shipping administration (3) Private sector of shipping and shipping related sector (4) Development of shipping policy for shipping sector on participant's country</p>	IMPLEMENTING PARTNER		
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Seminar on Airport Engineering Policy 空港技術・政策セミナー		GROUP 	0880878
Target Countries: Countries with airports		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Participants are expected to identify existing problems in their airports and suggest alternative policies for airport engineering by:</p> <p>(1) Understanding the airport system and policies in Japan (2) Understanding airport construction, planning, maintenance, administration and management in Japan (3) Examining the administration system in the privatized airports (4) Examining measures to improve airport safety</p>	<p><Target Organizations> Central or local government in charge of Civil Engineering, Architecture, Maintenance, Airport Safety, or Administration <Target Group> (1) University graduates in Civil Engineering, Architecture, Electrical or Mechanical Engineering or with equivalent knowledge (2) Airport engineers currently employed by their governments or public authorities for civil aviation (3) Individuals with more than 5 years of occupational experience (4) Have a good command of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Oct.21.2008~Dec.13.2008	
<p>The following subjects will be covered in this program through lectures, observations and discussions on;</p> <p>(1) Overview of Airport Engineering Policy Civil Aviation, Airport Projects, Civil Aviation Policy (2) Airport Technology Airport Planning, Designing, Construction and Maintenance of Airports (3) Airport Operations Airport Operation Strategy, Modernization, Environmental Considerations, Privatization (4) Global Trend on Airports Airport Security</p>	IMPLEMENTING PARTNER	THE OVERSEAS COASTAL AREA DEVEL, INSTITUTE OF JAPAN	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2004~2008	
	REMARKS		

Comprehensive Bridge Engineering 橋梁総合コース		GROUP  0880948
		Transportation—Other Transportation Issues Urban/Regional Development—Urban/Regional Development 14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of the program is to provide opportunities to learn the general techniques of bridge engineering used in Japan (including the planning, design and construction of bridges) so that the participants will be able to improve bridge engineering technology and contribute to the development of their countries.</p> <p>Participants are expected to be able to explain the points to be considered on:</p> <ol style="list-style-type: none"> 1. The design of bridges 2. The construction and construction supervision of various types of bridges (RC, PC and steel bridges) 3. The maintenance and repair of various types of bridges 	<ol style="list-style-type: none"> (1) University graduates (civil engineering) or equivalent (2) Individuals with occupational experience of more than three years (3) Individuals presently engaged in bridge construction and expected to have a leading position in bridge construction (4) Age: under 40 years old <p>The level and contents are suitable for mid-level engineering.</p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Dec.5.2008
<p>In this program, the following major subjects will be covered through lectures, practices, discussions and observation trips:</p> <ol style="list-style-type: none"> (1) Plan and Design of bridges (2) Construction of various kinds of bridges (3) Maintenance of various kinds of bridges (4) Formulation and Presentation of an Action Plan by the participants <p>The course topics mainly concern Steel Bridges, PC Bridges and RC Bridges, but masonry (stone) bridges are not included.</p>	IMPLEMENTING PARTNER	ROAD BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>Since the program of bridge engineering is very comprehensive, it is suitable for engineers who are expected to learn all round bridge engineering.</p>

Seminar on Road Administration 道路行政セミナー		GROUP  0880949
		Transportation—Capacity Development for Transport Sector Urban/Regional Development—Urban Development 14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The program objective involves enhancing the capacity of road planning of mid-level officers who are in charge of road planning for the target organizations. To achieve the objective, the participants' outputs are as follows:</p> <ol style="list-style-type: none"> (1) Understand the process of road planning and points to consider thereof (2) Understand the effects of road development, the way to grasp them and the evaluation method of the project (3) Understand the process of road structure planning (including bridges and tunnels) and points to consider thereof (4) Understand road design standards and their applications 	<p>[Target Organizations] Government or Government-related organizations responsible for the formulation of road planning</p> <p>[Target Group] <ol style="list-style-type: none"> (1) Mid-level officers in charge of road planning and expected to be assigned to leading positions in future (2) University graduates specialized in civil engineering or equivalent (3) 35 years old or younger (desirably) </p>	
CONTENTS	PROGRAM PERIOD	Sep.30.2008~Oct.31.2008
<p><Preparatory Phase in home country> Learning "Road in Japan" through the Web site</p> <p><Program in Japan:> •Modules <ol style="list-style-type: none"> (1) Road Planning (2) Road Network Planning (3) Road Traffic Economy (4) Planning of Road Structures (bridges and tunnels) (5) Road Structure Ordinance • The program is composed of report writing/presentation, road network practice, site visits to general roads and highways, and observation of research institutions as well as lectures. • Details are subject to change.</p>	IMPLEMENTING PARTNER	ROAD BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>The level and contents of the program are suitable for mid-level officers.</p>

Target Countries: Countries with urban rail networks(urban railways,metro,LRT,MRT)

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of the course is to formulate an improvement plan for the management of urban railway companies or railway companies with urban railway lines in developing countries.</p> <p>Participants are expected to:</p> <p>(1) Understand the overview of railway management (including railway-related business),</p> <p>(2) Understand the approach of reform and privatization of railways in Japan, and</p> <p>(3) Propose an improvement plan by analyzing issues of the railway country in participating countries.</p>	<p>[Target Organizations] Urban railways or Railways with urban railway lines</p> <p>[Target Groups] (1) Managers/senior officers of the planning dept. of railway companies (2) University graduates with more than 5 years experience (3) Individuals under 45 years old</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2009~Feb.6.2009
<p>The program consists of lectures, observations, discussions, and report presentation.</p> <p>(1) Overview of railway management in Japan. Characteristics of Japan's railway sector / Japan's railway administration, personnel strategy and human resources development / Multilateral business activities / Local railway management</p> <p>(2) The approach to the reform and privatization of railways in Japan Management after privatization/case study</p> <p>(3) Report presentation</p>	IMPLEMENTING PARTNER	RAILWAY BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>This program is designed for countries which have urban railway(s) such as commuter rail, underground railway, LRT (Light Rail Transit) and MRT (Mass Rapid Transit)</p> <p>In 2007 the program will be focused on "Urban Railway Transportation".</p>

Target Countries : Maritime countries

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Through this training course, participants will acquire knowledge and skills in education and training for maritime affairs, maritime service control and safety systems which are obliged or recommended worldwide by international treaties for protection of the marine environment and prevention of marine accidents. And they will improve the capacity of leaders who can exercise their abilities fully to plan, implement, evaluate and improve maritime education and training in areas of maritime education, maritime administration, industries related to maritime affairs.</p> <p>【Outputs】 To achieve the above mentioned objective, participants will learn the following: 1) international background on marine transportation safety 2) role of seafarers education for marine transportation safety 3) implementation and evaluation of seafarers education and training 4) application of information technology for seafarers education 5) application of information technology for marine transportation safety</p>	<p>【Target Organizations】 Organization engaged in maritime education concerning operation control of vessels in developing countries.</p> <p>【Target Group】 (1) be engaged in maritime education concerning operation control of vessels in developing countries, Teaching staff of educational institution is most appropriate. (2) (a) have experience of service on the sea for one year or longer, or (b) have experience of maritime education for one year or longer, and have equivalent knowledge and skill to (a), or (c) have experience of operating control of vessel for one year or longer; and have equivalent knowledge and skill to (a), (3) have knowledge and skill equivalent to those required for Second or Third Grade Maritime Officer (Navigation), based on the '95 STCW treaty, having basic knowledge on RADAR-ARPA simulators and computers, (4) be able to disseminate knowledge and skills acquired from this training course after returning to their home countries, and (5) be able to submit the report about post-training activities in 6 months after returning to their home countries.</p>	
CONTENTS	PROGRAM PERIOD	May.26.2008~Dec.6.2008
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Job Report</p> <p>【Core Phase in Japan】 (1) International Maritime Convention and Disasters (2) Present Education for Seafarers (3) Simulator Training (4) Practice on Board (5) Marine Disaster Prevention Training (6) Deck Work Management (7) Navigation Information Processing (8) Marine Meteorology (9) International Regulations and Conventions (10) The Safety Transportation of Ocean Cargo (11) Maritime Information Network (12) Nautical Information System (13) Terrestrial and Electronic Navigation (14) Marine Environmental Prevention (15) Cross Cultural Communication (16) ISM Code and Port State Control (17) ISPS Code and Port State Control (18) Visiting Factories (19) SEMINAR at Laboratory</p> <p>【Finalization Phase in a participant's home country】 Implementation of the activity based on the action plan made by a participant in the participant's country and submission of its final report regarding achievement and situation of above activity.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>MARINE TECHNICAL COLLEGE</p> <p>JICA Hyogo</p> <p>2007~2009</p>

Target Countries: maritime countries which emphasize maritime education/industry

7 participants /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 This program aims to improve the teaching ability of educators of marine engineering (including planning of education scheme), to deepen knowledge and skills required for seafarers, to transfer technology and share knowledge and skills by diffusion of knowledge and skills for the peoples engaged in marine engineering.</p> <p>【Outputs】 I To achieve this program objective, participants are expected in Japan; (1) To understand marine engine system, latest marine related machinery and equipment, international treaties related with seafarers, and to develop practical abilities (2) To understand education and training method and seafarers' ability evaluation method based on knowledge of international safety management system and its operation, and to develop practical abilities (3) To understand vessel management, preventive maintenance and corrective maintenance of engine and maintenance plan, and practice on engine maintenance. (4) To acquire knowledge and skills on effective education and training method using simulator (5) To understand present situation of marine transportation, to make a work plan and action plan and to promote self-development</p> <p>II In participants' home country, it is also expected that the action plan is approved by the organization concerned.</p>	<p>【Target Organizations】 Educational institutes for seafarers.</p> <p>【Target Group】 1) Current Duties: be engaged in maritime education concerning marine engineering in developing countries 2) Experience: (a) have experience of service on the sea for one (1) year or longer as a marine engineer or have equivalent knowledge and skills to (a), and (b) have experience of operation and management of vessel and maritime education for one (1) year or longer 3) Educational Background: be a graduate of university or equivalent, have knowledge and skills equivalent to those required for Japanese Second or Third Grade Maritime Officer (Engineering), based on the '95 STCW treaty. 4) Language: have a competent command of spoken and written English (This program includes active participation in discussions, action plan development, thus requires high competence of English ability.)</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>July.28.2008~Feb.7.2009</p>
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Country Report</p> <p>【Core Phase in Japan】 1-1) various system, latest machinery and equipment related with marine engine 1-2) lecture on international maritime treaty adopted by IMO 1-3) practice on board by training ship 1-4) Fire fighting drill against fire accidents at engine room by Maritime disaster prevention center 2-1) lecture on ISM, ISPS code, PSC, etc. 2-2) training using engine room simulator, remote operation simulator, etc. 2-3) observation of port facilities and maritime industries 3-1) lecture on vessel management 3-2) observation of maritime industries and operation facilities 3-3) practice on maintenance of marine equipments 4-1) education and training using engine room simulator and remote control simulator 4-2) lecture on maritime education method, maritime education system, etc. 5-1) formulation of action plan for dissemination of education method in participant's country (workshop for colleagues, etc), promotion of effective self-development by periodical correction 5-2) formulation of work plan and promotion of effective self-development by periodical correction 5-3) seminar (individual research) on the theme of education and training method, marine engine and system</p> <p>【Finalization Phase in a participant's home country】 Application and implementation of the action plan back in the participant's country and submission of its final report by Aug. 2009.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Maritime Technical Education Agency, Maritime Technical College</p>
	<p>JICA CENTER</p>	<p>JICA Hyogo</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program aims to provide the participants with a better understanding of the concept of environmentally sustainable transportation (EST) system and a venue for sharing their ideas and experiences to incorporate the concept. The course also offers an opportunity to learn from Japanese experiences while enabling participants to exchange their ideas, experiences, and technical expertise.</p> <p>COURSE OBJECTIVES: The idea of EST shall be disseminate to persons concerned in own country by understanding points of making policies/programs/projects to introduce EST to own country.</p> <p>Each modules focus to achieve the following outputs: (1) To identify urban environmental problems and issues relating transportation in own country. (2) To consider policies to introduce the EST to own country in the context to its conditions by deepening understandings comprehensive concepts of the EST, important items and their issues, strategies, its promotion policies, successful cases, and respective means. (3) To set the direction of policies, programs, projects for EST promotion and their knowledge disseminating methods.</p>	<p>TARGET ORGANIZATIONS: This program is designed for the environmental division of the Ministry of Transport or the transport division of the Ministry of Environment, or the related organization.</p> <p>TARGET GROUP: Mid-level officials engaging in making policies (or programs/projects) on transportation relating to environmental conservation issues. At least 3 to 5 years of experience in transportation field and a university degree or equivalent.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Sep.29.2008~Nov.8.2008</p>
<p>(1) PRELIMINARY PHASE: Participants will create an inception report, describing the specific urban environment problems caused by transportation, their countermeasures, and constraints tackled by the participant's organization.</p> <p>(2) CORE PHASE IN JAPAN: 1) To identify transportation-related environmental problems (Presentation of the inception report) 2) To understand the overall concept of EST, its policy, key aspects of EST, best practices, tools to achieve EST, etc. (vehicle emission control, transport demand management, roadside air quality monitoring and assessment, cleaner fuels, road maintenance/safety, land-use planning in transport planning, traffic noise management) 3) To set the direction and strategies for promoting EST and to disseminate what they have learned from the training program and contents of their interim report (group discussion, interim report-making)</p> <p>(3) FINALIZATION PHASE: After the participants' return 1) The direction of policies/programs/projects to introduce EST to their own countries, including how to cooperate with relevant organizations and pilot project planning, is examined and activities to disseminate what they have learned from the training program and the contents of their interim report are executed. 2) The result of the actions taken by the organization and the participant are reported in the final report.</p>	<p>IMPLEMENTING PARTNER</p>	<p>United Nations Centre for Regional Development</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2004~2008</p>
	<p>REMARKS</p>	

Design and Maintenance of Mountain Road in South West Asia and Indochina Countries 南西アジア・インドシナ地域 山岳道路設計維持管理		R/F  0884149
Target Countries: South Asian and Indochina Countries		Transportation—Rural Transportation 5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Skills and knowledge which is required for maintenance and improvement of mountain road will be shared among engineers in participating organizations or related organizations.</p> <p>【Outputs】 (1)Issues about planning, designing and maintenance of mountain road in participants' respective countries will be clarified (2)Participants will understand history and outline of roads in Japan. (3)Participants will be able to explain about techniques which are required for maintenance and improvement of mountain road in their countries. (4)Plan to apply and disseminate gained techniques will be formulated. (5) Activities to share skills and knowledge which is required for maintenance and improvement of mountain road will be implemented by participating organizations.</p>	<p>【Target Organizations】 Organizations in charge of maintenance of mountain road 【Target Group】 Civil Engineers who is incharge of maintenance of mountain road</p>	
CONTENTS	PROGRAM PERIOD	Oct.27.2008～Dec.13.2008
<p>(1)Presentation: Job Report Discussion: Issues in participants organization Observation: Mountain road near JICA Osaka Discussion: Issue analysis (2)Lecture: Overall condition of Japan's mountain road Lecture: Japan's policy and system on road construction and maintenance Lecture: History of construction of mountain road in Japan (3)Observation/Practice: Route 309 Discussion/Lecture: Technique of maintenance of mountain road and its t Practice/Discussion: Analysis of techniques which can be applied in their organization (4)Observation/Practice: Route 168 Discussion/Lecture: Improvement technique for Route 168 Practice/Discussion: Analysis of techniques which can be applied in their organization (5)Practice: Dissemination Plan formulation Presentation: Trial Dissemination Activity</p>	IMPLEMENTING PARTNER	Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008～2010
	REMARKS	


Target Countries: Countries with one of more cities of population more than 1 million

14 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The participants will propose policies for enhancing the public transport service function and improvement plan for the system in a big city with a population of one million or more, focusing on various aspects of public transportation such as private sector services, regulatory measures on environment impact, transportation measures for the weak and cooperation among different means of transportation in their countries.</p> <p>In order to strengthen the institutional capacity of public urban transportation system, participants are expected;</p> <p>(1) To identify problems related to the current urban public transport system in respective countries, and</p> <p>(2) To propose responsive measures and their application to the above-mentioned problems.</p>	<p>Eligible / Target Organization: This program designed for central/local governments responsible for the formulation of urban public transport policies.</p> <p>Nominees should;</p> <p>(1) be administrative officers with a position of section chief and the like, who is in charge of planning and implementing urban transport polices</p> <p>(2) be expected to find a position of responsibility in an above-mentioned organization after returning home and ultimately become one of the top executives, who decides policy in the field of urban public transport</p> <p>(3) have a university degree or equivalent academic background, with at least 10 years of professional experiences in urban public transport, and be at age forty five (45) years or younger</p>	
CONTENTS	PROGRAM PERIOD	Jan. 13. 2009~Feb. 28. 2009
<p>Preliminary Phase Choose the issue for which the organization to which the participant is attached has responsibility and is expected to find the solution for that problem. In addition, elaborate an Inception Report to secure the situation concerning the problems. (The organization needs to recognize the contents of the report.)</p> <p>Core Phase in Japan The program consists of lecture, site study tour and discussion. The main subject are as follows: 1) Urban transport policy, and planning 2) Traffic Demand Management 3) Social/environmental considerations 4) Various transportation systems and modes 5) Case study of urban transport and development 6) Colloquium sessions (report presentation and discussion) 7) Drawing up and Presentation of Interim Report</p> <p>Finalization Phase The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write final improvement plans in the Final Report.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>JICA Tokyo</p> <p>2008~2010</p>

Marine Search and Rescue and Disaster Prevention Course for Policy Planners 海難救助・海上防災		GROUP  0880807
Target Countries : maritime country		Transportation—Other Transportation Issues 14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 This program aims to realize the implementation of actions for improvement and/or solution of issues and problems about maritime search and rescue and disaster prevention in participants' organizations which have a duty of SAR (search and rescue) and maritime disaster prevention based on the action plan prepared by participants.</p> <p>【Outputs】 I To achieve this program objective, participants are expected in Japan; (1) To be able to explain about the present situation, issues and problems of SAR and maritime disaster prevention of participants' countries. (2) To be able to explain about international framework, knowledge and skills on maritime SAR. (3) To be able to explain about international framework, knowledge and skills regarding disaster prevention and method of combating oil, harmful and hazardous substances. (4) To be able to explain about services and system of JCG (Japan Coast Guard). (5) To be able to formulate the action plan for solution of issues and problems regarding SAR and disaster prevention in participants' countries.</p> <p>II In participants' organization, it is also expected that participant will take the action based on the action plan.</p>	<p>【Target Organizations】 Organizations which have a duty of SAR and maritime disaster prevention</p> <p>【Target Group】 1) Current Duties: be administrative officials presently engaged in the field of maritime search and rescue and/or maritime disaster prevention. 2) Experience in the relevant field: have more than five (5) years' experience in the field of maritime search and rescue and/or maritime disaster prevention. 3) Educational Background: be a graduate of university or equivalent 4) Health: must be in good health, both physically and mentally, to participate in the Program in Japan 5) Must not be serving any form of military service.</p>	
CONTENTS	PROGRAM PERIOD	July.28.2008~Nov.8.2008
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Country Report</p> <p>【Core Phase in Japan】 (1) Present situations of SAR and disaster prevention system of home country 1) To understand and analyze the present situations of SAR and disaster prevention system of home country and identify its issues and problems. 2) To make and present a country report on the above mentioned topics. (2) SAR 1) Lecture on knowledge about maritime SAR 2) Lecture, exercise and observation of related facilities on actual SAR methods 3) SAR Table-Top Drill (3) Disaster prevention 1) Lecture on basic knowledge about disaster prevention. 2) Lecture, exercise and observation of related facilities on properties of oil, harmful and hazardous substances, combating method, etc.. 3) Observation of disaster prevention drill by local government, etc. (4) Services and system of JCG (Japan Coast Guard) 1) Lecture on maritime transportation safety countermeasures, international cooperation and education system of JCG. (5) Action plan 1) Lecture and exercise on formulation of action plan for solution of issues and problems on SAR and disaster prevention system. 2) Formulation and presentation of action plan for solution of issues and problems identified by each participant.</p> <p>【Finalization Phase in a participant's home country】 Implementation of the activity based on the action plan made by a participant in the participant's country and submission of its final report regarding achievement and situation of above activity by May, 2009.</p>	IMPLEMENTING PARTNER	Japan Coast Guard, The 5th Regional Coast Guard Headquarters.
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2008~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Systems or organizations related to cargo transport will be improved by means of the facilitation ability and knowledge on cargo transport acquired through the training and dialogue program.</p> <ol style="list-style-type: none"> To study how to find and analyze problems and how to find solutions of Cargo Transportation in participant's country To understand the efficient administrative (governing) system of Cargo Transport implemented in Japan. To learn the Japanese model of planning, management, system view points of Cargo Transport and foster the ability to think over them To make a proposal or action plan to facilitate and implement Cargo Transport project, applying the knowledge and techniques acquired through training program. 	<ol style="list-style-type: none"> Individuals currently engaged in the field of cargo transport at governmental or public organizations, with at least 3 years of experience in this field Individuals not engaged in the fields of road construction and management, traffic survey and control, and passenger transport University graduates or equivalent Individuals proficient in speaking and writing English Age: 28-45 years old 	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.12.2008~Jun.28.2008</p>
<p><Preparatory phase> Three kinds of reports will be created: (1) A Country Report describing the current situation of cargo transport in one's own country (2) A Job Report describing one's own responsibility in the respective organization (3) An Inception Report describing the vision related to the modernization of cargo transport over the next decade</p> <p><Program in Japan> Propose systems or organizations for improving cargo transport and create an action plan showing how to improve them. The following subjects will be addressed: (1) Cargo transport administration (2) Freight management (3) Cargo transport facilities management (4) Informatization (5) Cargo transport technology (6) Facilitation for the modernization of cargo transport</p> <p><Post-program activities> After the participants' return (1) To submit a proposal to the respective supervisor and implement the Action Plan (2) To submit a Progress Report describing the progress in realizing the Action Plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>AICHI INDUSTRIAL RESEARCH ASSOCIATION</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2004~2008</p>
	<p>REMARKS</p>	

Road management and maintenance for Central Asian Countries 中央アジア地域 道路維持管理		R/F  0884031
Target Countries: Central Asia		Transportation—Transportation 12 participants / Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Action Plans for effective road management with budgetary constraints shall be proposed by each participant based on analysing problems/issues related to the condition of respective countries, and further the concrete solutions shall be discussed among the respective organizations after completion of the training in Japan.</p> <p>【Outputs】 (1) To understand present situation and administrative structure for the road management and maintenance in Japan (2) To understand road management and maintenance for reduction of the total cost (life cycle cost) from construction phase to maintenance and destruction, and management method of appropriate repair etc. (3) To understand road management and maintenance and disaster prevention activities in a time of disaster such as avalanche and collapse (4) To understand road design for the specific issues and the reduction of life cycle cost related to road management and maintenance in the cold region (5) To draft Action Plans based on understand of the issues on road management and maintenance in respective countries</p>	<p>【Target Organizations】 Central or Regional Governmental organization or public cooperation responsible for road management, operation, and maintenance</p> <p>【Target Group】 - Graduate of University or equivalent in the field of civil engineering or equivalent - Technical officer in charge of road planing and maintenance - More than five (5) years experience in this field - Ideally the age between 30 and 55</p>	
CONTENTS	PROGRAM PERIOD	Nov.12.2008~Dec.20.2008
<p><Preliminary Phase> (1) Preparation of Inception Report <Phase in Japan> (1) •Present status of road, bridge, and tunnel, etc. in Japan •Administrative mechanism, laws, measures and budget allocation regarding road management and maintenance •Know-how of repair/reconstruction plan and coordination method •Subcontracting and project coordination regarding road management and maintenance •Training method for road management engineer (2) •Construction and quality management of road for long operating life (including site visit) •Daily check and maintenance of road, bridge, and tunnel, etc. (including site visit) •Road management method with the concept of life cycle cost and asset management (optimally-positioned O&M, including site visit) (3) •Observation of disaster occurred in Hokkaido and the repairment (tunnel collapse and landslide) •Traffic control and information transmission in time of disaster •Forecast of disaster hazard areas (make the hazard map) (4) •Activity for snow removal, snow melting, and snow protection etc. road management and maintenance in cold region •Impact on road management and maintenance (in the cold region) by underground infrastructure such as water pipe and sewerage etc. and solution skills to deal with the problems •Road design and construction technologies against the cold climate (5) •Clarifying country situation and road situation in respective countries •Clarifying the issues regarding road management and maintenance in respective countries •Propose Action Plan to solve the issues in respective countries <Finalization Phase> (1) Report the progress of implementing Action Plan as Final Report within three(3) months after completion of phase in Japan</p>	IMPLEMENTING PARTNER	Hokkaido Intellect Tank
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008~2010
	REMARKS	

Target Countries: Countries with most of main highways paved

30 participants ★ /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 This course aims for participatory countries and organizations to be proposed by participants the proper strategies for the road management and maintenance, based on the comprehension of problems in each country.</p> <p>【Outputs】 I. To achieve this program objective, participants are expected; (1) To understand effectiveness and benefits of preventative maintenance (2) To acquire proper inspection measures and be able to arrange obtained information (3) To understand pavement repairing measures and point out the proper measures in accordance with analysis of acquired information (4) To be able to develop the proper measures of repairing methods and its costs, and propose plans for road management, through the analysis of inspection</p> <p>II. In participants' home country, it is also expected that the interim report is approved by the organization concerned</p>	<p>【Target Organizations】 Ministry of Public Works, Ministry of Transportations, Local Government</p> <p>【Target Group】</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jul.9.2008～Aug.9.2008</p>
<p>(1)*Necessities of preventative maintenance *Sight Visits (Case study of deterioration of roads, case study of reformation of existing facilities, and so on) (2)*Basic theories on inspection measures *Road inspection techniques (including information analysis) (3)*Measures to analyse of acquired information *Various ways for repairing roads (4)*Road transportation policies of Osaka Prefecture and the process for it *Notion of "Lifecycle Cost" *Project evaluation system *Collaboration with local people and private sectors</p>	<p>IMPLEMENTING PARTNER</p>	<p>Construction Services in Kinki Region</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Aug.20.2008 to Sep.20.2008 in the same content.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To formulate the guideline on promote citizen participation and resettlement and land appropriation caused by public works including road construction in a planning stage, through environmental and social considerations.</p> <p>【Outputs】 (1) Understanding and executing public involvement (PI) methods for the planning phase of public works projects, centering on the road sector (2) Understanding ideal ways to conduct involuntary resident relocation and loss compensation based on environmental and social considerations; analyzing problems with systems in their home countries (3) Proposing involuntary resident relocation and loss compensation systems based on environmental and social considerations when executing public works projects</p>	<p>【Target Organizations】 National, Regional organizations which are relating city planning or traffic and transportation</p> <p>【Target Group】 1) Practitioners engaged in execution of road construction and other public works projects 2) Have more than five years of experience</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Aug. 3. 2008 ~ Aug. 30. 2008</p>
<p>Preparatory phase: Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics.</p> <p>(1) • Background of public involvement methods • Practical public involvement methods • Examples of public involvement in public words projects</p> <p>(2) • Basic policy: 1) Resident relocation policy public compensation system in Japan 2) Responses to involuntary resident relocation caused by public works projects Realities of involuntary resident relocation based on environmental and social • Considerations: 1) Responses in environmental and social considerations 2) Projects execution method (using Cambodian or Napalese examples and understanding problems and challenges facing each aspect of execution as well as how to cope with them)</p> <p>(3) • Discussion on the state of progress and challenges in developing systems in course participants' countries • Model study • Role playing for resident discussions</p> <p>(4) Formulation and presentation of the interim report</p> <p>Post-Program Activities: Submit the final report on activities after returning home country.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>Ministry of Land Infrastructure and Transport, Hokkaido University</p> <p>JICA Obihiro</p> <p>2008~2010</p>

Target Countries: Countries with airports

11 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this seminar is to provide alternative methods to improve aviation security by providing fundamental knowledge of aviation security practiced in Japan. Participants are expected to identify aviation security problems, and seek effective measures for respective countries by:</p> <p>(1) Understanding the importance of aviation security through the Japanese system and experiences, (2) Acquiring basic knowledge of practices on aviation security and security control systems as well as the equipment used in Japan</p>	<p><Target Organizations> Central or local government in charge of the aviation security and management of airport</p> <p><Target Group> (1) University graduates or with equivalent academic backgrounds (2) Currently responsible for aviation security with more than five years of occupational experience (3) Have a sufficient command of spoken and written English,</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2009~Feb.14.2009
<p>The following subjects will be covered in this program through lectures, observations and discussions;</p> <p>(1) Civil Aviation in Japan (2) Airport Management System (3) Preventive Measures for Acts of Unlawful Interference Against Airplanes (4) Concrete Preventive Measures for Acts of Unlawful Interference Against Airplanes in Japan (5) Countermeasures for Hijacking</p>	IMPLEMENTING PARTNER	CIVIL AVIATION BUREAU, MLIT
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2006~2010
	REMARKS	

Target Countries: IMO member countries having international ports

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the program is to provide fundamental and practical knowledge of international maritime conventions and applicable technology and procedures of ship inspection in accordance with the requirements of international standards. Through the program, participants are expected to:</p> <p>(1) Have appropriate technical knowledge and understand the related requirements of IMO conventions to promote ship safety inspection (2) Understand the Japanese ship safety inspection system</p>	<p><Target Organizations> Central or local government in charge of the field of ship safety (ship inspectors, PSC officers etc.)</p> <p><Target Group> (1) Administrative officials in the field of ship safety (ship inspectors, PSC officers etc.) (2) Individuals with graduate degree in engineering or equivalent and with at least one year of experience (3) Have a sufficient command of speaking and writing English</p>	
CONTENTS	PROGRAM PERIOD	Jul.15.2008~Nov.1.2008
<p>This program consists of:</p> <p>(1) Japanese language lesson (2) Presentation of a Country Report and Action Plan (3) Technical lectures SOLAS I, II, III, IV, V, VI, VII, IX, XI, XII; MARPOL I, II, III, IV, V, VI; ILLC; Tonnage; COLREG; Ship Survey; PSC (4) Practice Training The practice training will be implemented on the ship inspection for coastal service ships and also on port State control at the local administration offices. (5) Observation and Study trip</p>	IMPLEMENTING PARTNER	Shipbuilding Research Centre of Japan
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005~2009
	REMARKS	A compulsory intensive Japanese language program will be conducted prior to the technical training.

Target Countries: Maritime countries

14 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
The program is designed to nurture qualified port and harbor related engineers who will contribute to the country's economic development through port development by controlling the effect, cost and environmental impact in port development and planning.	<Target Organizations> Port and harbor related organizations <Target Group> (1) University graduates or individuals with an equivalent academic background (2) Individuals presently engaged in port and harbour-related civil engineering with more than 3 years of occupational experience (3) Have a sufficient command of spoken and written English	
CONTENTS	PROGRAM PERIOD	Jun.1.2008~Aug.9.2008
This program consists of lectures, exercises, observations, intensive field study at the Onahama Port and discussions. It covers: (1) Basic Technology (Coastal engineering and marine hydraulics, geotechnical and structural mechanics, construction and control system) (2) Development, Strategy, Planning (Port and harbor policy, port and harbor planning, designing, and standards, information technology, disaster management) (3) Maintenance and Environment (Good maintenance and effective use of existing port facilities, protection and assessment of environment, knowledge of coastal environment) (4) Global Trend on Ports and Harbours (Management and Operations)	IMPLEMENTING PARTNER	PORTS & HARBOURS BUREAU, MLIT
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005~2009
	REMARKS	

Target Countries: Maritime countries

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
(1) To enhance long-term policy-making capacity through the acquisition of knowledge on port development strategy (2) To attain applicable knowledge on strategic operation on ports and harbours to modernize port management (3) To acquire knowledge on strategic operation on ports and harbours to modernize port management (4) To understand current issues and trends concerning world ports and harbours	<Target Organizations> The organization in charge of the field of Port operation strategy, administration and management. <Target Group> (1) University graduates or equivalent (2) Individuals currently engaged in port technical administration and/or management works with more than 8 years of occupational experience in the field of ports and harbours (3) Have a good command of spoken and written English	
CONTENTS	PROGRAM PERIOD	Oct.19.2008~Nov.22.2008
This program consists of lectures, discussions, exercises, observations, etc. It covers: (1) Port Development, Strategy, Planning Grand Design, Long-Term Development Strategy, Industry and Regional Development (2) Port Administration and Management Administration and Management System, Equipment Management (3) Port Operation Port Operation Strategy, Modernization of Port Operations (4) Global Situation and Trends on Ports and Harbours Globalization, International Conventions	IMPLEMENTING PARTNER	PORTS & HARBOURS BUREAU, MLIT
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005~2009
	REMARKS	

Target Countries: ASEAN countries

13 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To facilitate strong port facility security measures in ASEAN countries and to learn standard and globalized security measures in order to organize an international maritime transport network for crossing the borders of other countries that have rules and conventions, such as SOLAS etc.</p>	<p><Target Organizations> National government organizations and port management authorities in charge of port security policy</p> <p><Target Group> Officers (pairs of managers and officers preferable) in charge of port security policy in national government organization and port management authority</p>	
CONTENTS	PROGRAM PERIOD	Aug.31.2008~Sep.20.2008
<p>This program consists of lectures, discussions, exercises, observations, etc.</p> <ul style="list-style-type: none"> • PDCA cycle workshop (port security upgrading cycle) • International conventions and initiatives on port security by IMOetc. 	IMPLEMENTING PARTNER	Ports & Harbours Bureau, MLIT
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2007~2009
	REMARKS	


Target Countries: Countries With Ocean Facing Ports


5 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Objectives> Discussion about comprehensive knowledge related to port and harbor development, and making agreement as the result of discussion</p> <p><Outputs> (1) To be able to think the influence from Port Development and Planning (2) To be able to plan quasi port development policy and utilize it as a model plan in the future</p>	<p><Target Organizations> National or Local Government organization for port management</p> <p><Target Group> Port officers in charge of port administration(cargo transportation, port environment conservation, Port development planning)</p>	
CONTENTS	PROGRAM PERIOD	Jan.2008~Jan.2008
<p>(1) Outline of Yokohama Port and its policies through lectures and field studies centering on Logistics and Environment Measures based on the future planning of the city (2) Project Cycle Management (PCM) workshop of the Port development, and Discussion about comprehensive knowledge related to port and harbor development</p>	IMPLEMENTING PARTNER	Port & Harbor Bureau , City of Yokohama
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2008~2010
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
This course aims to facilitate efficient international transportation of both freight and people among Mekong region countries. Trainees are expected to realize the scope of cross border transport infrastructure (hereinafter referred as "CBTI"), and formulate action plans that would be applied in the near future.	【Target Organizations】 Under Planning 【Target Group】 Under Planning	
CONTENTS	PROGRAM PERIOD	After Sep.2008～
Under Planning	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2007～2009
	REMARKS	Coordination is required between this course and a similar training program held by ADB.

8. Information and Communication Technology

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

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

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


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


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


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


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


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


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

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

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


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


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

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

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

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

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

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

Target Countries: countries under reconstruction

4 participants /

English

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


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The technologies for constructing the Contents Management System (CMS) based on the WEB utilizing open-source soft-wares, and its utilization, are shared among the staff members engaged in the activities in central/local government organizations/departments, where they positively try to enhance the administration through utilizing ICT (Information and Communication Technology)—the so-called realization of digital government—or where they have established its position as a model.</p> <p>To achieve this program objective, participants are expected in his/her countries and Japan;</p> <ol style="list-style-type: none"> 1.To formulate an Inception Report which are described the current situation of public service with ICT and perspectives for the future. 2.To understand concepts and methodology to ensure program effectiveness. 3.To strategically demonstrate gained skills and formulate an action plan (Interim Report). 4.To develop the action plan (Interim Report) and carry out dissemination of program output in his/her organization to improve its viability. <p>And, in participants' home countries, it is strongly recommended that the Interim Report is approved by the organization concerned.</p>	<p>【Target Organizations】 Administrative organs of central and local public bodies</p> <p>【Target Group】 the staff members engaged in the activities in central/local government organizations/departments, where they positively try to enhance the administration through utilizing ICT (Information and Communication Technology)—the so-called realization of digital government—or where they have established its position as a model.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.5.2008～Nov.29.2008</p>
<p>This program consists of the following phases.</p> <ol style="list-style-type: none"> 1.Preliminary phase (activities in the participants' home country) Preparation of the Inception Report. Every participant is requested to bring his/her documents in digital media in the widely accepted format such as MS-Power Point, OpenOffice.org, or PDF. 2.Core Phase (activities in Japan) <ol style="list-style-type: none"> 1)Lecture of the present status of ICT, information security, and, information management. 2)Observation at information processing sites. 3)Lecture and exercise for utilizing operating system and internet server. 4)Lectures on CMS including examples of good practice. 5)Exercise for developing information portal site by open source CMS 「Plone」 6)Make the Interim Report(includes action plans for transferring CMS technologies in his/her organization and the outputs through this program in Japan) 3.Final Phase (activities in the participants' home country) implementation of the action plans in the Interim Report and report on progress (Final Report) within six months 	<p>IMPLEMENTING PARTNER</p>	<p>University of Tsukuba</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	<p>The participants' organizations are continuously expected to provide administrative services based on deployed CMS, and receive feedback from the community, so that a bidirectional, open and sustainable information-sharing system is realized as overall goal.</p>

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

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Training participants will be able to intermediate and/or advanced methodologies for planning designing, producing and evaluating digital videos material for dissemination and enlightenment in various sectors.</p> <p>【Outputs】 (1) To explain theories and concepts for planning and designing educational programs and materials (2) To explain a "Human Skills" for activities of education, dissemination and enlightenment (3) To explain and use a basic knowledge and technical skills for producing digital video material. (4) To make an Action Plan to disseminate knowledge, skill and awareness through the Workshop of final video production and planning an dissemination /enlightenment program with using of the video.</p>	<p>【Target Organizations】 Ministries and/or agencies in central government and/or local government authorities</p> <p>【Target Group】 - Officers in charge of the planning and production of video program in a governmental or public organization. - Age: From 25 years old to 40 years old - University graduates or equivalent - Having 3 to 7 years of working experience of dissemination and enlightenment or of production of video program.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.13.2008～Aug.29.2008</p>
<p>Followings are subjects provided for each output mentioned above: (1) Instructional design,Adult leaning theory,Introduction to audio visual media, Case study of media application in JICA projects (2) Presentation skill, Facilitation skill, Communication skill (3) Basic and application knowledge of shooting of digital video, Script writing, Basic and application knowledge of editing of digital video, Basic and application knowledge of animation, Exercise of producing digital video materials (4) Workshop(Planning, designing, producing and evaluating digital video materials and dissemination/enlightenment program), Formative Evaluation, Action Plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan International Cooperation Center</p>
	<p>JICA CENTER</p>	<p>JICA Okinawa</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	<p>Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.</p>

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

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

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

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

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

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

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

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


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


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

9. Natural Resources and Energy

Tropical Biomass Utilization 熱帯バイオマス利用		GROUP	0880032
Target Countries: Tropical/sub-tropical countries		Natural Resources and Energy—Renewable Energy	
		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To enable participants to learn methods of measuring the endowment of biomass and the possible amount of utilization, and designing effective ways of using it.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand approaches to create a re-cycling oriented society, referring to the concepts of Biomass Nippon and the Biomass Asia Programs.</p> <p>(2) To understand methods of estimating unused biomass resources, planning of utilization systems and their evaluation.</p> <p>(3) To understand individual technologies; e.g. biomass production, collection, transportation, conversion, and monitoring, to formulate a biomass utilization plan.</p>	<p>[Target Organizations]</p> <p>Engaged in the planning, promotion and utilization of biomass</p> <p>[Target Group]</p> <p>(1) Individuals with at least 3 years of experience in the field of above mentioned</p> <p>(2) University graduates in the field of science</p> <p>(3) Individuals 25-35 years of age</p>		
CONTENTS	PROGRAM PERIOD	Sep.30.2008~Dec.6.2008	
<p><Preparatory phase> Formulating a country report describing the present situation of Biomass utilization in the participant's country and the role of their organization.</p> <p><Program in Japan> This program consists of lectures, practical exercises, report-making, presentation, and observation tours.</p> <p>(1) Acquire methods for designing a recycling society and biomass utilization system and approaches for designing recycling societies which utilize biomass (such as 'Biomass Nippon', 'Concept of Biomass Town'), estimating the amount of endowment and production of biomass, designing a biomass utilization system and evaluating the impact of biomass utilization.</p> <p>(2) Acquire methods for measuring the biomass resources, a planning technique for a biomass utilization system and techniques for evaluating the effect of biomass.</p> <p>(3) Acquire specific techniques related to the design of biomass utilization systems, biomass production and collection methods for unused biomass resources, biomass energy conversion, utilization of biomass transforming materials, and the measurement, monitoring and evaluation of biomass utilization.</p>	IMPLEMENTING PARTNER	FACULTY OF AGRICULTURE, UNIVERSITY OF THE RYUKYUS	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Small-Scale Hydro Power and Clean Energy Power Engineering 小水力及びクリーンエネルギー発電技術		GROUP	0880860
		Natural Resources and Energy—Energy Supply Private Sector Development—Industrial Technology	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The objective of this program is to improve knowledge and skills on electric power facilities management, from the stages of planning, designing, maintenance, up to operation, in the field of hydroelectric power generation, to make a concrete improvement plan.</p> <p>Expected Results:</p> <p>(1) To learn the procedure for planning hydroelectric power generation</p> <p>(2) To acquire management techniques for the maintenance and operation of small hydropower generation facilities</p> <p>(3) To understand the environmental impacts and effects of renewable energy in general</p> <p>(4) To make a business improvement plan for the participant's organization, based on the above-mentioned experience and knowledge</p>	<p>[Target Organizations]</p> <p>(1) Government agencies in charge of electric power, electric power corporations, electric power generation corporations, and other related organizations</p> <p>(2) Particularly organizations in charge of the planning, maintenance, and operation of small hydropower stations</p> <p>[Target Group]</p> <p>Those in charge of small-scale hydro generation and civil, electrical, or mechanical engineers with at least 5 years of experience. To be university graduates in an engineering discipline or the equivalent, and proficient in English.</p>		
CONTENTS	PROGRAM PERIOD	Sep.1.2008~Oct.4.2008	
<p>1. Pre-training program</p> <p>(1) Creation of country and job reports</p> <p>2. Training program in Japan</p> <p>(1) Historical background of the electricity business and hydroelectric power generation in Japan</p> <p>(2) Research, planning and design of small hydropower plants</p> <p>(3) Operation and maintenance of small hydropower plants</p> <p>(4) Introduction to planning for renewable energy (solar power and wind power)</p> <p>(5) Framework of Clean Development Mechanism</p> <p>(6) Observation</p> <p>(a) Small hydropower sites</p> <p>(b) Manufacturer of generating sets</p> <p>(c) Observation travel</p>	IMPLEMENTING PARTNER	CHUBU ELECTRIC POWER CO., INC.	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Countries working on regional electrification/ renewable energy (hydroelectric power) and which have or plan to build small hydroelectric power stations (around 30 MW) are preferable.	

Sustainable Development of Mining 鉱山開発と持続可能な成長		GROUP  0880882
		Natural Resources and Energy—Mining
		18 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The group training program in the Sustainable Development of Mining is designed for engineers and technicians, in order to upgrade their knowledge and skills in the sustainable development of mining, and thus contribute to the prevention of mining-related pollution problems and sustainable mineral development in developing countries. Through the program, participants are expected : 1) To gain an understanding of the present circumstances of the mining industry and mine pollution control activities, 2) To deepen and broaden their knowledge of exploration/mining/mineral processing, metallurgy/recycling, and 3) To obtain knowledge and technology for the prevention of mining-related pollution problems and sustainable mineral development in the future rather than at present.	(1) Individuals having majored in Engineering or equivalent, (2) Engineers or Technicians in mining geology, mining, mineral processing or metallurgy in the field of mining development and with more than 5 years of practical experience, (3) Individuals under approx. 40 years old, (4) Individuals proficient in English, especially reading comprehension, (5) Individuals in good health. Pregnant women are inappropriate.	
CONTENTS	PROGRAM PERIOD	Aug.13.2008~Nov.16.2008
1. Lectures related to: ● Issues for Sustainable Development of Mine ● Mine exploration and Environmental issues ● Exploration and Environmental Prevention Technology ● Mineral Processing, Metallurgy and Recycling of Metals 2. Field trips ● Mine Drainage Neutralization Plant ● Smelter and Refinery ● Mines ● Recycling Plants 3. Country Report presentation ● Statistics of Each Economy and Mining Production ● Mining Policy	IMPLEMENTING PARTNER	INTERNATIONAL INSTITUTE FOR MINING TECHNOLOGY
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2004~2008
	REMARKS	The course is inappropriate for those who handle coal mining and/or iron ore, because its contents are specially arranged for a metal field.

Plant Engineering and Technical Standard for Refineries, Chemical and Thermal Power Plants (Pressure Vessels, Storage Tanks, and Others) 石油、化学及び火力発電プラントの設備管理と技術基準		GROUP  0880983
		Natural Resources and Energy—Energy Supply
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
[Objective] To obtain comprehensive knowledge of setting standards and inspection techniques/application for the safe operation of refineries, chemical, and thermal power plants in developing countries, in order to appropriately set standards for plant management. Upon successful completion of the course, the participants will: 1. understand laws/regulations and design/fabrication standards for refineries, chemical and thermal power plants in Japan and other countries; 2. acquire design and fabrication techniques by understanding the strength and design of pressure facilities; 3. acquire inspection techniques by understanding an annual and daily maintenance criteria on the installed pressure facilities and others; 4. understand safety measures and security systems for pressure vessels; and 5. make an operational improvement plan (tentative) for their workplaces, based on techniques, knowledge, and experience obtained from the training.	*Government officers who are in charge of plant regulations for government-affiliated agencies, private companies, or others *Persons who are in charge of plant engineering, technical standard, design, fabrication, or maintenance of pressure vessels, storage tanks, and others	
CONTENTS	PROGRAM PERIOD	Sep.29.2008~Nov.22.2008
(1) Outline of Japanese Law (2) Design and fabrication standards for pressure vessels, etc. (3) Strength design (4) Material design (5) Fabrication control (6) Maintenance (7) Accident examples (8) Factory tour (9) Job Report presentation (10) Action Plan presentation	IMPLEMENTING PARTNER	AICHI INDUSTRIAL RESEARCH ASSOCIATION
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2005~2009
	REMARKS	http://www.airi.aichi-iic.or.jp/oshirase/koukennyokai.html

Target Countries: Central Asia


9 participants / Russian


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Formulate an Action Plan appropriate for their country's electric policy, and organization activities based on the Action Plan is introduced.</p> <p>To reach the above outcome, participants are required:</p> <ol style="list-style-type: none"> To explain the contents of electric policies, supply structure and electric sectorial structure (bundling or unbundling of power generation, distribution and retail operations). To illustrate problems of electricity policies of their own country. To examine electricity policies which are suitable for their home country and can announce the Action Plan for enforcement. 	<p>(Target Organizations) Government agencies or electric power utilities, which are charged with electric policy.</p> <p>(Target Group) 1. University/college graduates or equivalent 2. Individuals with over 5 years practical experience. 3. Individuals engaged in the drafting of electricity policy. (Above the level of division chief in a government authority) 4. Individuals with sufficient Russian conversation and reading ability.</p>	
CONTENTS	PROGRAM PERIOD	Jan.25.2009~Feb.7.2009
<p>Preparatory phase: Prepare a Country Report describing present situation of each countries/ organizations and their problems in power sector.</p> <p>Program in Japan: (Lecture) Outline of Japanese electric policy, Outline of Japanese electricity business, Technical aspect of power supply, The various sides of an electricity policy, Development status of an oil alternative fuel, Anti-global warming measures (Observation) Thermal power plant, Transformer substation, etc. (Discussion) Country Report Presentation, Action Plan Presentation, etc.</p>	IMPLEMENTING PARTNER	International Development Center of Japan
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	

Target Countries: Mekong Region Countries

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Capacity development for electric power planning in consideration of power interchanges in Mekong region countries.</p> <p>【Outputs】 (1)Trainees can own jointly the electric power development planning information including latest plan, basic data and standards in each country. (2)Trainees can explain the general knowledge of electric power development planning. (3)Trainees can explain the characteristic of each power source, transmission system and power plant. (4)Trainees can explain the considerable issue and point of Planning surveys of power facilities, Permissions, Plannings and Locations. (5)Trainees can extract priority issues and examine the necessary countermeasures in each country as a result of this training program.</p>	<p>【Target Organizations】 Electric power planning bodies (e.g. Ministry of energy, Electric power company)</p> <p>【Target Group】 (1)Working in the organization for electric power development planning (2)Individuals currently engaged in the field for more than 3 years (3)Individuals with sufficient English conversation and reading ability</p>	
CONTENTS	PROGRAM PERIOD	Oct.19.2008~Nov.6.2008
<p>Preparatory phase: Prepare a Country Report describing the present situation and problem of each country/organization</p> <p>Program in Japan: (Lecture)An approach to energy source best-mix, power system operation and electric power development in consideration of cost, stability/energy-security and environment. Outline of Planning surveys of power plant and transmission system, Permissions, Plannings and Locations, etc. (Observation)Load Dispatching Office, Thermal Power Plant(Gas/Coal/Oil-fired), Water PP(Conventional/Pumping storage), Nuclear PP, New-energy PP, etc. (Practice)Presentation and discussion of country reports in each country. Summary of the training program (Training report and countermeasures in each country)</p>	IMPLEMENTING PARTNER	JAPAN ELECTRIC POWER INFORMATION CENTER INC.
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	

Solar Power Generation Technology for Middle East Area 中東地域 太陽光エネルギー発電技術		R/F 	0884069
Target Countries: Middle East Area		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 To gain the fundamental knowledge and practical examples that is able to use to introduce of system, promotion of utilization, and maintenance management of solar power generation.</p> <p>【Outputs】 (1) To understand the place of solar power generation in Japanese energy policy and its actual cases of generation applies. (2) To know and gain the techniques of principal of solar power generation (semiconductor material, solar battery) and its structure and production method (3) To learn the techniques of PV facilities, set up of equipments, maintenance and management (4) To learn the technology of cost evaluation, environmental assessment (5) To make an action plan to solve the problem of the organization which participants belong to</p>	<p>【Target Organizations】 Governmental organization of energy development 【Target Group】 Engineers working for energy-related government ministry, electric power public corporation, and other public organization</p>		
<p>CONTENTS</p> <p>(1) Japanese energy policy, needs, economic efficiency and future aspect of solar power generation of solar power generation (lectures) (2) General information of solar power generation, semiconductor material, solar battery, accumulator, electronic circuit, process of solar battery and module making, observation of information transmission/ relay station (lectures, practices and observations) (3) Constitution, design and assembling of PV, system constitution according to the purpose of use, constitution and set up cases of system for home and industrial type, cases of middle scale PV system, observation of solar house and solar office (lectures, practices and observations) (4) Regional characteristics of PV, solar irradiation and amount of insolation, energy effective utilization, kind of the solar battery and an evaluation method, structure of the solar battery and those characteristic evaluation, environmental assessment (lectures, practices and observations) (5) Action plan making</p>	PROGRAM PERIOD	Jun.16.2008~Sep.3.2008	
	IMPLEMENTING PARTNER	Graduate School of Engineering, Osaka City University	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Enhancement of Capabilities for Geothermal Energy Development for Plan Puebla Panama Countries 中米・カリブ地域 プエブラ・パナマ計画地熱開発事業計画策定能力向上		R/F 	0884075
Target Countries: "Plan Puebla Panama" participation countries		11 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Participants will enhance their ability to utilize geothermal energy development by the understanding of the policy making addressed to geothermal energy, and the necessary process of development.</p> <p>【Outputs】 (1) Capacity building to promote national awareness and determination in utilizing geothermal resources (2) Capacity building in the basics to explore and exploit the utilization of geothermal resources (Technical aspects) (3) Capacity building in the basics to explore and exploit utilizing geothermal resources (Economy and environmental aspects) (4) Understanding about geothermal powerplant operation and multipurpose utilization of geothermal energy (Field trip)</p>	<p>【Target Organizations】 Governmental institutions dealing with policy design and with finance of energy, and geothermal energy development</p> <p>【Target Group】 (1) Individuals from above-mentioned governmental institutions (2) Individuals with more than 5 years occupational experience in this field</p>		
<p>CONTENTS</p> <p>(1) Setting of the general framework with respect of the energy situation of the PPP region and renewable resources, Schemes for development / exploitation (including private sector), Direction to be given by governments to promote development and exploitation of geothermal resources (2) Geothermal risk and its mitigation, Exploration of geothermal resources by surface studies and surveys, Evaluation of the geothermal resources using well data, Utilization of the geothermal resources, Otake-Hatchobaru Geothermal Power Station, Takigami Geothermal Power Station (Kyushu Eelectric Power Co., Inc), (3) Economy of the geothermal development project, Financial support and international support / environmental values - Clean Development Mechanism (4) Facilities of multipurpose geothermal utilization projects</p>	PROGRAM PERIOD	Nov.17.2008~Dec.13.2008	
	IMPLEMENTING PARTNER	West Japan Engineering Consultants Inc.	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Target Countries : Africa

6 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
The purpose of this training course is to enhance the capability of policy planning to promote mining investment. In order to achieve the main purpose, there are 3 objectives: (1) To understand the current problems of the mining sector. (2) To understand the current situation of mining investment. (3) To understand the outline of geological and mineral information management.	【Target Organizations/Group】 Government officials in charge of the policy and planning of mining resource development	
CONTENTS	PROGRAM PERIOD	Feb.12.2009～Mar.14.2009
The following subjects will be covered in this course: 1) Training of skills to analyse problems - To learn the basic concept of problem analysis and make a plan to resolve problems in mineral policy making. At the end of this course, participants shall present an action plan as the final report. 2) Mineral commodities and mineral flows in industries - To learn how to use major mineral commodities in the industries of developed and developing countries for recognizing the importance of mineral resources. 3) Mining history and environmental issues 4) Mineral policy and the strategy of Japanese enterprises 5) Mineral laws of various countries 6) Governmental administration and information technology - Introduction of a case study of JOGMEC (Japan Oil, Gas and Metals National Corporation) for the implementation of mineral policy. 7) Remote sensing and GIS	IMPLEMENTING PARTNER	INTERNATIONAL INSTITUTE FOR MINING TECHNOLOGY
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2006～2008
	REMARKS	

Target Countries : Asia

14 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
Sub-course A, "Audit Technology for Energy Conservation" Participants will acquire the following knowledge and techniques regarding audit technology for energy conservation. (1) Outline of energy management and audit technology for energy conservation (2) Combustion train (mainly boiler, fired heaters) (3) Rotating machines (mainly blower, pump) (4) Electric power systems, vapor systems Sub-course B, " Machine Diagnosis Techniques for Energy Conservation" Participants will acquire the following knowledge and techniques regarding machine diagnosis techniques for energy conservation. (1) Outline of energy management and audit technology for energy conservation (2) Energy conservation diagnosis (pumps, rotating machine, fans and blowers) (3) Machine condition diagnosis techniques (lubricants, thermograph) (4) Operation and maintenance for energy conservation	Sub-course A, "Audit Technology for Energy Conservation" 【Target Group】 Energy auditor or energy manager Sub-course B, "Machine Diagnosis Techniques for Energy Conservation" 【Target Group】 Operation and maintenance engineer in a plant	
CONTENTS	PROGRAM PERIOD	Jan.12.2009～Apr.11.2009
【Lecture, Exercise, Hands-on training in plant, Case study】 Sub-course A, "Audit Technology for Energy Conservation" (1) Outline of energy management and audit technology for energy conservation (2) Combustion train (mainly boiler, fired heaters) (3) Rotating machines (mainly blower, pump) (4) Electric power systems, vapor systems Sub-course B, " Machine Diagnosis Techniques for Energy Conservation" (1) Outline of energy management and audit technology for energy conservation (2) Energy conservation diagnosis (pumps, rotating machine, fans and blowers) (3) Machine condition diagnosis techniques (lubricants, thermograph) (4) Operation and maintenance for energy conservation	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007～2009
	REMARKS	This course has two sub-courses "Audit Technology for Energy Conservation", " Machine Diagnosis Techniques for Energy Conservation". (Each sub-course : 8 participants) Expected number of participants per country: 1-2

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective]</p> <p>– The objective of this course is to master appropriate technologies and skills in the biomass field and to suggest methods of applying the scientific knowledge acquired for the effective usage of biomass.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1) To master methods to carry out research activities by themselves 2) To deepen knowledge on the use of biomass 3) To build a broad network with other researchers 4) To make a presentation at academic conferences 5) To make a final report as a result of the research activities in Japan 6) To make a suggestion paper on the efficient use of biomass in their countries 	<p>[Target Organizations]</p> <p>– Public research institutes, universities</p> <p>[Target Group]</p> <ol style="list-style-type: none"> 1) Researchers in the field of biomass in the above-mentioned organizations 2) Individuals with a master's degree or equivalent qualification 3) Individuals with at least 3 years of research experience 	
CONTENTS	PROGRAM PERIOD	Oct.7.2008~Aug.29.2009
<p>Preparatory phase:</p> <p>– Participants are requested to make their own research proposals according to the topic of the research subject determined before their coming to Japan. During this process it is essential to contact the host researchers and engage in consultations.</p> <p>Program in Japan:</p> <p>– Lectures on the effective use of biomass (2 weeks): Technology of biomass recovery system, bio-refinery technology, Biomass energy technology (gasifying/BDF production, etc.), sugar platform technology</p> <p>– Individual research (about 10 months): According to the subject determined before coming to Japan, participants will be assigned as a member of the laboratory of the host researcher, conduct research under the supervision of the host researcher, and write up the results in a final report.</p> <p>By the end of the program, the participants will make a draft of the suggestion paper concerning the effective usage of biomass from a scientific viewpoint.</p> <p>– Subjects to be offered in relation with the following fields: Biodegradable plastics, biomass energy, ethanol production technology, application of biodiesel fuel to automobiles, life cycle assessment of biomass usage, etc.</p> <p>Development phase:</p> <p>– The draft of the suggestion paper will be shared with the respective organizations of the participants, based on which feasible activities will be determined. At both 6 months and 12 months after the end of the program in Japan, the participants will make a progress report of their activities and submit it to Japan.</p>	<p>IMPLEMENTING PARTNER</p> <p>National Institute of Advanced Industrial Science</p> <p>JICA CENTER</p> <p>JICA Tsukuba</p> <p>COOPERATION PERIOD</p> <p>2006~2010</p> <p>REMARKS</p>	<p>– The course includes intensive Japanese language lessons (25 hours).</p> <p>– Related website: National Institute of Advanced Industrial Science and Technology http://www.aist.go.jp/index_en.html</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Outcome> Knowledge and skills for management, operations, maintenance and environmental conservation which are the outputs of this program will be shared and promoted among his/her organizations.</p> <p><Outputs> (1) Participants will make a job report and issue analysis sheet of their organizations by the end of preparatory phase. (2) Participants will be able to analyze and assess similarities and/or differences between electric power industry in Japan and in their country. (3) Participants will be able to analyze knowledge and information on effective techniques of operation and control, effective maintenance and troubleshooting, advanced technologies for environmental conservation by thermal power plants which are gained in Japan, according to the prepared issue analysis. (4) Participants will make an action plan on dissemination activities of skills and knowledge gained from the training program in Japan. (5) The dissemination plans made by the participants will be shared in their organizations. (6) The dissemination plans will be discussed and promoted in their organizations.</p>	<p>[Target Organizations] Gas turbine or coal-fired steam turbine power plants</p> <p>[Target Group] (1) Engineers principally specialized in mechanical areas (2) Those who are taking leading roles in the operational management/ maintenance section (3) Those with over three years' experience in (1) and (2) above. (4) Those sharing outputs from this program inside their power plants after the program in Japan. (5) Those involved in recipient power plants of ongoing or prospective JBIC's ODA loan project(s) and/or in power plants related to JICA's technical project(s) are appreciated.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.13.2008~Jul.6.2008</p>
<p><Preparatory Program> Drawing up a Job Report, a Country Report and Issue Analysis Sheet</p> <p><Program in Japan> (1) Program Orientation (2) Presentation of Country Reports (3) Outline of the Electric Power Industry in Japan (4) Acquisition of operation and management techniques for thermal power plants (5) Acquisition of maintenance techniques for thermal power plants (6) Acquisition of manufacturing techniques for thermal power plants (7) Acquisition of environmental conservation technologies for thermal power plants (8) Preparation and Presentation of Dissemination Plans</p> <p><Post-Program activities> Participants are to implement the dissemination activities, based on the final Report which was made during the program. Also, participants must submit a progress report to JICA within 3 months.</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPAN ELECTRIC POWER INFORMATION CENTER, INC</p>
	<p>JICA CENTER</p>	<p>JICA Chugoku</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	<p>Details of the Program are under consideration and part of the contents is subject to change. Upon submitting the application, participants must choose whether they would like to take the course for gas turbine or coal fired generation.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 After this training end, participants grasp issues of their home country and be able to work for the solution as well as acquire comprehensive knowledge for efficient development of distribution systems.</p> <p>【Outputs】 (1) Being able to find by themselves the difference about the electric power industry and facilities formation between participant's country and Japan. - Being able to make a presentation of the difference after their understanding it's backgrounds and etc. (2) Acquiring the techniques for appropriate operation and maintenance, for blackout accident prevention and for early blackout recovery, which lead to reduction of distribution loss and improvement of supply reliability. (3) Acquiring the techniques for planning and designing in order to develop efficient and reliable distribution grid. (4) Being able to formulate behavior guideline after returning home based on acquired knowledge and etc.</p>	<p>【Target Organizations】 Competent government agencies for electric power sector and electric power companies</p> <p>【Target Group】 - Persons in charge of manager and/or leader position or expected to be in charge of following position. - Electrical engineers belong to power company or public organization in distribution area with five years experience of this area. - University graduates or equivalent. - Age: From 30 years to 40 years old.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.26.2008～Oct.4.2008</p>
<p>Following contents are provided for each output mentioned above:</p> <p>(1) - Country report presentation and discussion - Lectures about the outline of electric power industry in Japan - Lectures and site visit about the outline of transmission/distribution systems</p> <p>(2) - Lectures and site visit about the operation/maintenance of distribution systems - Site visit to the distribution equipment factories - Lectures and site visit about the outline of quality management in Japan</p> <p>(3) - Lectures and site visit about the planning/designing of distribution systems - Lectures and site visit about the electrification and the correspondence to isolated island</p> <p>(4) - Drawing up an action plan and preparing for the presentation - Action plan presentation and discussion</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan Electric Power Information Center, Inc. (JEPIC)</p>
	<p>JICA CENTER</p>	<p>JICA Okinawa</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	<p>Based on the training contents of all outputs, participants will make action plan about enlightenment of technical knowledge and skills during Core Phase in Japan.</p>

Electric system engineering (except distribution) 電力系統技術		GROUP  0880827
Target Countries: Countries which built or are developing electric systems (which include		Natural Resources and Energy—Energy Supply
		8 participants /
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】After this training, participants who are core engineers engaged in electric system section of the participating nation get possible to devise basic strategies solving problems in each workshop or improving system planning and operation effectively.</p> <p>【Outputs】</p> <p>(1) - Being able to explain the outlines of the electric power industry in their own countries</p> <p>- Understanding the present conditions in their own countries while comparing with the Japanese present conditions and grasping both good points and problems.</p> <p>(2) <Unit target 2></p> <p>- Acquiring basic knowledge of the constitution, analysis and planning of the electric system and effective technologies of analysis and planning with lectures including computer demonstration observe.</p> <p>(3) <Unit target 3></p> <p>- Acquiring basic knowledge for construction, operation and maintenance of transmission line and substation, and new techniques for cost reduction and promotion of efficiency. And deepening understanding by observing examples of facilities applying the new techniques.</p> <p>(4) <Unit target 4></p> <p>- Acquiring basic knowledge for construction, operation and maintenance of electric system, deepening understanding by visiting facilities and learning practical techniques in simulation training.</p> <p>(5) <Unit target 5></p> <p>- Being able to devise an action plan (basic strategies to solve problems in each workshop etc.) based on techniques which they learned.</p>	<p>【Target Organizations】 Ministries and government offices or electric power companies which are in charge of electric system field.</p> <p>【Target Group】</p> <p>(1) Officers who belong to target organizations and are expected to play a leading role in the field</p> <p>(2) University graduates or equivalent</p> <p>(3) Age: 27-40 years old</p> <p>(4) Individuals with a good command of English</p> <p>(5) Individuals engaging in electric system engineering with at least 5 years of work experience and not more than 20 years experience</p> <p>(6) Individuals in good health, both physically and mentally, to undergo the course of rigorous training</p> <p>(7) Must not be serving any form of military service</p>	
CONTENTS	PROGRAM PERIOD	Aug.24.2008~Oct.1.2008
<p>(1) <Training contents 1> (Before training) Drawing up a country report (In Japan) Country report presentation and discussion Lectures and discussion of outline of the electric power industry in Japan etc. Lectures and practical training of quality control</p> <p>(2) <Training contents 2> (In Japan) Lectures of outline of electric system and electric system planning Technical study requirement for electric system planning and power system Analysis</p> <p>(3) <Training contents 3> (In Japan) Lectures of construction, maintenance, Operation and new technique of Transmission Line and Substation Visiting a factory of power transmission facilities and substations applying new technique</p> <p>(4) <Training contents 4> (In Japan) Lectures of electric system protection scheme Practical training of simulator for protective Relay etc. Visiting central load dispatching center etc.</p> <p>(5) <Training contents 5> (In Japan) Drawing up an action plan report and preparation for the presentation Action plan report presentation and discussion</p>	IMPLEMENTING PARTNER	Japan Electric Power Information Center, Inc. (JEPIC), Tohoku Electric Power Co., Inc. (Tohoku EPCO)
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2008~2010
	REMARKS	

Hydro-Electric Power for Stable and Sustainable supply (for Civil Engineers) 安定供給型水力発電		GROUP  0880939
Target Countries: Countries with organizations dedicated to Hydro-Electric Power		Natural Resources and Energy—Energy Supply 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To promote the development, operation, and maintenance of effective and environment-friendly hydro-electric power facilities.</p> <p>Participants are expected to achieve the following results:</p> <ol style="list-style-type: none"> 1. To be able to point out problems of the participant's country/office through understanding of the hydropower generation technology in Japan and the comparison. 2. To be able to draw up a action plan for the issues of the participant's country/office, clarified through the country reports and training (at the end of the Core Phase) 3. To draw up a follow-up report. 	<p>[Target Organizations] Government agencies or electric power utilities which are charged with the development of hydropower generation</p> <p>[Target Group] (1)University/college graduates or equivalent (2)minimum of 5 years of practical experience (3)Civil engineers in charge of the planning, construction and maintenance of the hydro-power sector, and individuals currently in or expected to be, in the near future, posted to a managerial position, (4) Age: 30-50 years of age,</p>	
CONTENTS	PROGRAM PERIOD	Jun.3.2008~Jul.12.2008
<p>Preparatory phase: Prepare a Country Report describing the present situation of each of the countries/organizations and their problems.</p> <p>Program in Japan: (Lectures)Design standard for power generation facilities, Hydro-electric power facilities in Japan, etc. (Observation)Okinawa Yanbaru Seawater Pumped Storage Power Plant in Okinawa, Okukiyotsu Hydropower plant, etc (Practice)Dam Operation Simulator Training</p> <p>Post-program activities: The actions described in the action plan should be reviewed, authorized and implemented. The results of the actions are reported as the Final Report.</p>	IMPLEMENTING PARTNER	JAPAN ELECTRIC POWER INFORMATION CENTER, INC
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	Target to be civil engineers or electric/mechanical engineers alternately each year, and civil engineers for 2008. Applicant from a non-governmental institution to be confirmed that his/her duty is the same as those of nominees from the governmental institutions.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Recently, most countries have become suffering from the rising cost of crude oil, as the demand for oil has increased with economic development. This program is offered to energy policy makers to enhance their capacities to create the long and medium term comprehensive energy policies in respective countries.</p> <p>At the end of the program, the participants are expected to achieve the following, (1)understand energy situation in the world and the importance of energy policy, current energy policy in Japan, energy balance, etc. (2)draw up policy proposal to implement energy control and energy policy formulation based on energy demand forecasting and energy balance.</p>	<p>【Target Organizations】 Ministries and energy agencies</p> <p>【Target Group】 (1)Executive officials or candidates for executive officials in organization for Energy Policy (2)Individuals currently engaged in work in the field for more 3 years (3)Individuals with sufficient English conversation and reading ability</p>	
CONTENTS	PROGRAM PERIOD	Jun.29.2008~Jul.12.2008
<p>Participants will be capable of drawing up policy proposals to implement energy policy formulation based on energy demand forecasting and energy balance after learning energy situation in the world, energy policy in Japan, energy balance, etc</p> <p>Preparatory phase: Prepare a Country Report describing the present situation and problem of each country/organization</p> <p>Program in Japan: (Lecture)Energy demand forecasting of the world, Energy policy in Japan, Energy statistics system in Japan, etc. (Observation)Power plant, Oil factory, Bio-fuel plant, Energy Conservation Center (Practice)Project Cycle Management (Participatory Planning)</p> <p>Post-program activities: The actions described in the Policy Proposal should be reviewed, authorized and implemented. The results of the actions are reported as the Final Report.</p>	IMPLEMENTING PARTNER	IEEJ
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

Target Countries: Countries with organizations dedicated to saving energy

17 participants


English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Energy Efficiency and Conservation Activities in the field of politics and institution building in participating countries will be strengthened.</p> <p>To reach the objective, participants are expected to achieve the following results:</p> <ol style="list-style-type: none"> 1. To understand the outline of the energy situation of Japan, an energy conservation policy, and energy-saving technologies, and the point which leads to the energy conservation policy and promotion of system construction of their own country is arranged. 2. A policy proposal which leads to the energy conservation policy and the promotion of system construction of their own country is created. 3. Draw up a Final Report which includes the result of sharing and discussion within the organization each participant belongs to, after the return. 	<p>[Target Organizations] The organization for Energy Conservation Promotion</p> <p>[Target Group] (1) Officials working in the organization for Energy Conservation Promotion, (2) Individuals currently engaged in work in the energy conservation field for more than 3 years, (3) University/college graduates or equivalent, (4) Individuals under 45years old, (5) Individuals with sufficient English conversation and English reading ability.</p>	
CONTENTS	PROGRAM PERIOD	Jun.8.2008~Jul.26.2008
<p>Preparatory phase: Prepare a Country Report describing the present situation of each country/organization and their problems</p> <p>Program in Japan Formulate a Policy Proposal describing issues in their own organizations/department, and tentative analysis for solving the issues identified Lectures: Energy Policy and Energy Conservation Policy in Japan, Promotion Measures and Activities, Energy Conservation Technology, Energy Audit, Outline of ESCO Projects in Japan, etc.</p> <p>Observation: Excellent Cases of Energy Conservation and Energy Management (Buildings, Factories, Power Plants, etc.)</p> <p>Practice: Measurement of Energy Consumption and analysis (Furnace, Fun, Steam traps, etc.)</p> <p>Post-program activities: The actions described in the Policy Proposal should be reviewed, authorized and implemented, and are reported as the Final Report.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p>	<p>THE ENERGY CONSERVATION CENTER JAPAN</p> <p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Drafting of an Action Plan for introduction of nuclear power generation</p> <p>At the end of the program, the participants are expected to achieve the following,</p> <ol style="list-style-type: none"> 1. To understand the importance of nuclear power generation in energy supply and power industry. 2. To recognize safety aspects (the importance of public acceptance, safety consideration) on atomic energy introduction, environmental and social considerations, and issues on nuke puke processing. 3. To share awareness of the issues on atomic energy, among participating nations. 4. To formulate an Action Plan. 5. To share an Action Plan among organizations, and formulate a Final Report. 	<p>[Target Organizations] Government agencies/electricity authorities which command nuclear power generation</p> <p>[Target Group] (1)Those who are engaged in planning of a nuclear power generation policy. (Management, such as a section chief of the central ministries, or the administrator of an electric power company) (2)Those who have 5 years or more of experience at the staff of an electric power policy or an electric power development project. (3)University graduate or equivalent.</p>	
CONTENTS	PROGRAM PERIOD	Jan.18.2009~Feb.7.2009
<p>Preparatory phase: To prepare a Country Report describing the present situation of respective country/organization, its problems and the plan for nuclear power generation.</p> <p>Program in Japan: To formulate an action plan on the introduction of nuclear power generation in respective countries. (Lectures) Outline of Japanese nuclear power generation, international framework for nuclear non-proliferation, security, environmental impact assessment, authorization processes, etc. (Observation) Nuclear Power Plants in Japan, etc. (Practice) BWR/PWR Operation Simulators</p> <p>Post-program activities: The actions described in the action plan should be reviewed, authorized and implemented. The results of the actions are reported as the Final Report.</p>	<p>IMPLEMENTING PARTNER</p> <p>METI, JEPIC, JAPC</p> <p>JICA CENTER</p> <p>JICA Tokyo</p>	<p>COOPERATION PERIOD</p> <p>2007~2009</p>
	<p>REMARKS</p>	<p>1. Fix countries through a cooperation term(2007-2009). 2. Repeated participation of the same person acceptable.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will exchange information on challenges and efforts by electric power sectors, and share awareness of the issues with Japanese authorities concerned in electric power sector. Participants and Japanese authorities will develop an international network throughout the Forum.</p> <p>At the end of the program, the participants are expected to achieve the following,</p> <p>(1)exchange information on challenges and efforts by power sectors in participating countries, and share awareness of the issue,</p> <p>(2)understand Japanese challenges and efforts for responding increasing power demand during high economic growth period,</p> <p>(3)learn about the analysis of present power sectors in Asian region and the Japanese government assistance policy directions, and</p> <p>(4)develop a network among participants and Japanese counterparts through an open seminar.</p>	<p>【Target Organizations】 Ministries and agencies of Electricity</p> <p>【Target Group】 (1)Executive officials at bureau's director generals level who are responsible for power sector in the Ministry of Power or Ministry of Energy (2)Individuals with sufficient English conversation and reading ability</p>	
CONTENTS	PROGRAM PERIOD	Under planning
<p>Preparatory phase: Prepare a Country Report describing present situation of each countries/ organizations and their problems in power sector.</p> <p>Program in Japan: (1)Lectures (2)Country Report presentation (3)Open seminar (4)Observations</p>	IMPLEMENTING PARTNER	Japan Electric Power Information Center Inc.
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	

10. Economic Policy

Group Training Course on Competition Policy and Law 競争法・政策研修		GROUP  0880896
		Economic Policy—Transition to Market Economy
		10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Through the program, participants are expected to: 1. Gain an understanding of Japan's competition policy and law so as to bring about a strengthening of competition law, promotion of draft work, and enhanced technical capacities for the investigation of violations in their countries, 2. Bring out an overall administrative strengthening of the participant's agency via transfer of knowledge gained through this training to participants 3. Reaffirm the importance of competition policy and acquire knowledge for the purpose of competition advocacy in the participant's country. 4. Realize issues concerning competition policy and law in the participant's country by deepening insight into the competition laws and policies of Japan and other countries.	1. Government officials in charge of operations at competition authorities in countries, 2. Government officials in charge of drafting comprehensive competition acts, or competition advocacy in countries without comprehensive competition acts 3. Other government officials involved in competition policy	
CONTENTS	PROGRAM PERIOD	Aug.19.2008~Sep.20.2008
Outline of the Antimonopoly Act Lectures • Competition and industrial policy in Japan • Consumer administration in Japan • Cartels and bid-riggings • Private monopolization • Merger regulation • Organization and Powers of the Japan Fair Trade Commission • Investigation methods against violations of the Antimonopoly Act Discussion with legal department staff of private enterprises Country Report Presentation Final report presentation by the participants and discussion	IMPLEMENTING PARTNER	FAIR TRADE COMMISSION
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2004~2009
	REMARKS	

Economic Policy Design and Management in Asia アジア地域経済政策運営(長期)		L/T  0881121
Target Countries: Asian countries		Economic Policy—Economic Policy
		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
【Objectives】 The economic policy design and management ability of officials at the central government and central banks will be raised. 【Outputs】 (1) Learning basic economic theories (2) Learning practical methods necessary for economic policy design and management (3) Writing a Master's thesis largely based on case studies of one's own countries, which may contribute to economic policy recommendations	【Target Organizations】 Key economic ministries of the central government which are involved in economic policymaking, central banks, and government-sponsored financial institutions 【Target Group】 -Administrative officers who are in charge of economic policymaking, and Administrative staffs of central banks or government-sponsored financial institutions. -Individuals who have at least two years of experiences in above mentioned position. -Individuals under 35 years old	
CONTENTS	PROGRAM PERIOD	Aug.15.2008~Aug.1.2010
(1) Microeconomics for public policy, macroeconomic: theory and policy, fundamentals of econometric methods, economics of public sector, and mathematics necessary for learning economics(short intensive course) (2) Tax policy, public sector policy, monetary and financial policy, monetary and fiscal policy in Japan, intensive courses (e.g. policy analysis, financial reform and economic growth, financial programming, Budget Management). (3) Seminar works and English thesis writing	IMPLEMENTING PARTNER	Asian Public Policy Program, School of International and Public Policy, Hitotsubashi University
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	

International Development 国際開発学(長期)		L/T  0881135 Economic Policy—Economic Policy	
Target Countries : all countries		6 participants / English	
OBJECTIVE		TARGET ORGANIZATION / GROUP	
【Objectives】 To strengthen the capability of government officials in formulating and managing development plans and public policies in central and local governments 【Outputs】 (1) Acquire basic economic concepts and theories (2) Acquire analytical and computing skills that are applicable to the formulation and management of development plans and public policies (3) Participant writes a Master's thesis on a development policy issue in his/her country using analytical skills and economic concepts and theories acquired in the entire two-year program		【Target Organizations】 Central and local government agencies in charge of the formulation and management of development plans and public policies 【Target Group】	
CONTENTS		PROGRAM PERIOD	Aug.17.2008~Jun.30.2010
(1) •microeconomics • macroeconomics • development economics • mathematics for economists • public economics • agricultural economics • environmental economics • international trade • international finance • industrial organization • health economics • inequality and poverty (2) •statistics • econometrics • research methodology • computable general equilibrium modelling • cost benefit analysis • development planning • development finance • macroeconomic analysis of developing economies • project cycle management • quantitative methods for decision making • quantitative analysis of economic policies (3) writing a Master's thesis		IMPLEMENTING PARTNER	IDP, Graduate School of International Relations, International University of Japan
		JICA CENTER	JICA Tokyo
		COOPERATION PERIOD	2008~2010
		REMARKS	

Customs policy and administration in Central Asia and Caucasia 中央アジア・コーカサス地域 関税政策・税関行政		R/F  0884070 Economic Policy—Transition to Market Economy	
Target Countries : 調整中		10 participants / Russian	
OBJECTIVE		TARGET ORGANIZATION / GROUP	
【Objectives】 Participants will obtain the capacity to identify problems and come up with an action plan related to Customs Policy and Administration of their own countries. 【Outputs】 Participants will be able to; 1) understand the customs policy and administration system of Japan and compare the Japanese policy and system with their own, 2) gain practical knowledge on Customs administration (computerization, classification, valuation, analysis and such) and utilize the gained knowledge, 3) and identify problems of their own Customs Administration system and propose counter-measures through discussions with fellow participants and Japanese counterparts.		【Target Organizations】 Governmental Organization engaged in Customs Policy and Administration 【Target Group】 Administrative Officers (Manager Class) engaged in Customs Policy and Administration	
CONTENTS		PROGRAM PERIOD	Mar.2,2009~Mar.13,2009
/Introduction to Japanese Customs Administration /Practical Knowledge on Customs Administration (Export/Import Clearance, Customs Valuation, Tariff Classification and Tariff Rate, Risk Management, Collection and Analysis of Information, Enforcement etc) /Observation of International Airport (Customs Clearance, International Post, etc) /Country Report Presentation /Action Plan Presentation		IMPLEMENTING PARTNER	Customs and Tariff Bureau, Ministry of Finance
		JICA CENTER	JICA Osaka
		COOPERATION PERIOD	2008~2010
		REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>A common view of rules of international taxation and their application can be established through cultivation of tax officials engaged in international taxation in participating countries and more appropriate international taxation will be practiced by respective tax authorities.</p> <p>Through this program, participants are expected to:</p> <ol style="list-style-type: none"> 1. understand rules and systems of international taxation, 2. clarify the problems and issues for appropriate international taxation and work out their solutions. 	<p>【Target Organizations】 National tax authorities for administration of income tax or value added tax</p> <p>【Target Group】</p> <ol style="list-style-type: none"> 1. Tax officials in charge of international taxation in the target organization, in principle. 2. Age: under 40 years old, in principle. 3. Language: individuals proficient in English to actively discuss and write a thesis/report on the course subject. (TOEFL scores of 550 or higher are desirable) 	
CONTENTS	PROGRAM PERIOD	Jun.1.2008～Jun.21.2008
<ol style="list-style-type: none"> 1. Lecture: Tax Treaty, Transfer Pricing (including Advance Pricing Arrangement), International Tax Avoidance, etc. 2. Presentation and Discussion: International taxation system and administration in participating countries 3. Observation: Regional Taxation Bureau, etc. 	IMPLEMENTING PARTNER	National Tax Agency National Tax College
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	Target Countries of this course: China, Indonesia, the Philippines, Malaysia, Thailand, Vietnam

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The problems to be solved for sustainable growth shall be clarified and identified to establish an economic development strategy.</p> <p>Participants are expected to:</p> <ol style="list-style-type: none"> 1. Deepen their understanding of Japan's economic development policies and current situation, 2. Deepen their understanding of development strategy under the global economic integration, 3. Establish efficient utilization of limited capital resources, 4. Deepen their understanding of the role of international financial structure and international financial organizations, 5. Deepen their understanding of economic assistance and foreign direct investment 	<p>Central government officials who are in charge of economic development policy planning / implementation.</p>	
CONTENTS	PROGRAM PERIOD	Jun.29.2008~Aug.2.2008
<p>The following major subjects will be covered in the seminar:</p> <ol style="list-style-type: none"> 1. Position paper presentation and discussion together with area study, 2. Lecture-cum-discussion <ol style="list-style-type: none"> (a) Japanese and global economic development and current situations, (b) Global integration and development strategies, (c) The utilization of financial resources and establishment of a financial system, 3. Field trip and study visits 4. Workshop on economic development issues, together with Japanese and non Japanese specialists, 5. Policy proposal making for respective countries consulted by tutors. 	<p>IMPLEMENTING PARTNER</p>	<p>Economic and Social Research Institute, CAO</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Aug.24.2008 to Sep.27.2008 in the same content.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Purpose】 The policy recommendations made as a result of the seminar will be shared among the relevant organizations, and development of the sound financial system in the participating countries will be deliberated.</p> <p>【Outputs】 Participants will be able to: (1) understand appropriate financial administration for stabilization of the financial system, (2) identify issues regarding financial system stabilization of their countries with reference to financial reform in Japan since 2002 and continued efforts in Asian countries after the Asian Financial Crisis, (3) draw up the policy recommendations on strengthening of financial system with respect to the high-priority issues identified during the seminar. (Banking regulation and supervision, financial sector restructuring and deposit insurance system, etc.)</p>	<p>【Target Organizations】 Ministry of Finance, Financial Service Agency, Central Bank and Deposit Insurance Corporation</p> <p>【Target Group】 1. Present position, assignment: be managerial level staff engaged in financial administration, supervision and regulation, financial safety net and financial market development at Ministry of Finance, Central Bank and Deposit Insurance Corporation, 2. Occupational Background: have a minimum of eight (8) years of experience in the fields mentioned above,</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jan.28.2009~Feb.14.2009</p>
<p>Module 1: Financial System and Financial Administration in Japan 1) Historical review of the Japanese financial system and financial policies 2) Review of the financial system and challenges in ASEAN countries 3) The role of the government in financial administration and supervision 4) The role of the Bank of Japan in financial stability 5) The role of the Deposit Insurance Corporation of Japan 6) The role of the Resolution and Collection Corporation</p> <p>Module 2: Financial Supervisory Administration and Supervisory Function 1) Revisiting the Asia Financial Crisis - What remains untouched 2) Lessons of the Japanese Financial Bubble - Limitation of prudential regulation 3) Recent policy measures and associated challenges for the stabilization of the financial sector in Japan 4) Financial safety net and moral hazards 5) Practices of bank restructuring 6) Policy measures and associated challenges for the stabilization of the financial sector in ASEAN countries</p> <p>Module 3: Main Issues of Financial Administration in Participating Countries 1) Discussion session concerning the applicability of the Japanese experience 2) The Country Report presentation and discussion 3) The Policy Recommendation presentation and discussion</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p>	<p>Financial Services Agency, Bank of Japan, Asian Development Bank, Deposit Insurance Corporation, etc.</p> <p>JICA Tokyo</p> <p>2004~2008</p> <p>REMARKS</p> <p>Note: The seminar is under planning, and the contents may be subject to minor changes.</p>

Target Countries: Central Asia and Caucasus Region


9 participants / Russian


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>(Outcome) Policy Proposal for their country's public fiscal policy is formulated.</p> <p>(Outputs) To reach the above Outcome, participants are required: 1. To understand the Japanese fiscal administration, outline of financial policy and point out problems in comparison with their own country. 2. To understand the importance of a financial policy on promoting market economization and economic development and be able to extract a policy that can be implemented in their countries.</p>	<p>(Target Organizations) Government agencies charged with fiscal policy. (Ministry of Finance)</p> <p>(Target Group) 1. Individuals engaged in fiscal policy making, especially budgetary policy or tax policy. 2. Individuals with over 5 years practical experience.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jan.14.2009~Jan.27.2009</p>
<p>1. Lecture and discussion 1) Post-war experience of fiscal policy and economic development in Japan 2) Overview of current situation of fiscal policy and system in Japan 3) Challenges on fiscal policies in Central Asia and Caucasus Region 4) Current situation of Japanese local finance and its challenges 5) Overview of Japanese taxation system 6) Role of fiscal policy in economic development with case studies of central and eastern European countries' experience 7) Policy Finance for agriculture sector 8) Environmental issues and fiscal policy</p> <p>2. Presentation and discussion Country Report Presentation and discussion Policy Proposal Presentation and discussion</p>	<p>IMPLEMENTING PARTNER</p>	<p>Ministry of Finance Ministry of Internal Affairs, etc.</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>2005~2009</p> <p>Additional seminar in Vietnam was organized in JFY2006 and 2007. Under planning for the additional seminar in JFY 2008.</p>

Target Countries: Asian countries

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Purpose】 For Stock Exchanges: Listing supervision, securities market operation and trading administration at stock exchange will be improved.</p> <p>For Regulatory Authorities: Movement toward the preparation of systems related to listing supervision, securities market operation and trading administration will be promoted.</p> <p>【Outputs】 participants are expected to: (1) understand the framework of securities market development in Japan and the comparison with other countries' cases, (2) understand the role and function of stock exchanges in Japan and clarify the main problems and issues to be solved in each participating country, (3) understand the roles of organizations relevant to stock exchanges in Japan, (4) understand the required conditions for education of investors and to clarify the future effort, (5) prepare an action plan for future policy measures to solve the problems identified throughout the seminar.</p>	<p>1) Staff members of stock exchanges (if a stock exchange has not been established in the country, staff of the competent regulatory authority of securities markets are qualified to join the seminar) 2) occupational experience of more than 3 years.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.6.2008～May.26.2008</p>
<p>1. Lecture 1) The Japanese Economy and Roles of the Securities Market 2) Company Law and Securities Market 3) Financial Instrument Exchange Law and Securities Market Surveillance 4) Listing examination and control 5) Trading System 6) Equity market in Japan 7) Derivative market in Japan 8) Clearing and Settlement System 9) Information Service 10) Education for Individual Investors</p> <p>2. Observation 1) TSE Arrows 2) Osaka Securities Exchange 3) securities firms 4) Investment Trust Association 5) Japan Securities Dealers Association 6) Japan Bond Trading Co., Ltd.</p> <p>3. Presentation Country Report Action Plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>Tokyo Stock Exchange, Inc.</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2005～2009</p>
	<p>REMARKS</p>	


Bond Market Development in ASEAN Countries アセアン地域債券市場整備		R/F  0884242
Target Countries: ASEAN		Economic Policy—Financial System 12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Purpose】 Policy Proposal for ASEAN bond market development is formulated.</p> <p>【Outputs】 The expected outputs of the course are:</p> <p>Output 1: To understand why the bond market matters and how it relates to the financial market development as a whole.</p> <p>Output 2: To review the achievements and progress in the Asian bond market development under Asia Bond Market Initiatives (ABMI) and Executives' Meeting of East Asia-Pacific Central Banks (EMEAP) and other initiatives.</p> <p>Output 3: To consider possible tools for further bond market development in each country, based on the lessons learnt from the experience of other countries.</p> <p>Output 4: To consider possible policy measures to foster investors and market players, based on the lessons learnt from the experience of other countries.</p> <p>Output 5: To summarize the remaining challenges in bond market development in each country, and produce policy proposals for bond market development in each country.</p>	<p>【Target Organizations】 Central banks, Ministry of Finance and Financial Service Agency</p> <p>【Target Group】 - Officials of the Ministry of Finance, Central Banks or Financial Service Agency who are in charge of policy making on bond market development - At least 5 years experience in relevant fields - Sufficient command of English to attend the course and produce policy proposals</p>	
CONTENTS	PROGRAM PERIOD	Nov.24.2008~Dec.13.2008
<p>Output 1: 1) An overview of the recent development of bond markets in ASEAN countries 2) Advantages and disadvantages of the bond market for both investors and issuers 3) Advantages and disadvantages of the bond market vis-à-vis the equities market 4) The Japanese financial system and capital market development 5) Preconditions for bond market development in ASEAN countries</p> <p>Output 2: 1) Review of focal points and achievements by ABMI 2) Review of focal points and achievements by EMEAP 3) Review of other initiatives</p> <p>Output 3: 1) Role of securitized debt instruments (with the case of Thailand) 2) Role of municipal bonds issuance (with the case of Vietnam) 3) Role of corporate bonds issuance by foreign companies 4) Role of bond markets with government guarantee 5) Principles of sequencing of reforms and necessary policy measures</p> <p>Output 4: 1) Overview of recent situation of investors base and clarification of potential investors 2) Bottlenecks in fostering market players 3) Policy measures to foster institutional investors 4) Functions of trading facilities, depositories and clearing houses, and other necessary market infrastructure</p> <p>Output 5: 1) Summarize the challenges to be overcome in future based on priority 2) Draw up a policy proposal and make a presentation</p>	IMPLEMENTING PARTNER	Asian Development Bank Financial Service Agency, etc.
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	<ul style="list-style-type: none"> •Expected number of participants per country : 2 •This course is co-hosted with Asian Development Bank.


Necessary Policy Measures and Reform Strategies for Financial System Stability in NIS Countries NIS地域金融システム安定化政策と改革戦略		R/F 	0884243
Target Countries: Central Asia and Caucasus countries, Moldova and Ukraine.		13 participants /	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Purpose】 Policy proposal for stable financial system in each country will be formulated.	【Target Organizations】 Central banks, Ministry of Finance		
【Outputs】 Participants are expected; 1. To understand the current problems of the financial system in each country 2. To understand the necessary policy measures for resolving non-performing loans by reviewing Japanese and other countries' experiences 3. To clarify major issues in the banking sector reform for each country in line with market principles 4. To clarify the necessary policy measures to recover public confidence in the banking sector and promote saving 5. To produce policy proposals for financial system stability in each country.	【Target Group】 - Officials of the Ministry of Finance or central banks in charge of financial supervision and financial safety net - At least 5 years experience in relevant fields - Sufficient command of English to attend the course and produce policy proposals		
CONTENTS	PROGRAM PERIOD	Mar.29,2009~Apr.18,2009	
1. - Position paper presentation - Key issues in banking sector development in transitional countries - The Japanese financial system and financial policies - post-war and recent reform - 2. - Financial supervisory policies in Japan - Financial safety-net policies in Japan - Methods and practice of non-performing loan resolution (case of Japan) - Lender of last resort (case of the Bank of Japan) 3. - Privatization of governmental financial institutions - Financial supervisory policies for foreign banks - Current reform of government-affiliated financial institutions in Japan 4. - Financial deepening and financial policies 5. - Policy proposals presentation and discussion	IMPLEMENTING PARTNER	Financial Service Agency Bank of Japan Deposit Insurance Coporation, etc.	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		


11.Private Sector Development


Research on Standards, Measurements, Evaluation and Geosciences for Industry 産業・社会知的基盤技術		GROUP	0880045
Private Sector Development—Industrial Development Institution			
		3 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>[Objective]</p> <p>– The objective of this program is to master appropriate technologies and skills, and to develop leading researchers in the field of standards, measurements, evaluation and Geosciences for industry.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1) To master methods to carry out research activities by themselves 2) To deepen knowledge on standards, measurements, evaluation and Geosciences for industry 3) To build a broad network with other researchers 4) To make a presentation at an academic conference 5) To make a final report as a result of the research activities in Japan 6) To make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the said field in their countries. 	<p>[Target Organizations]</p> <p>– Public research institutes, universities</p> <p>[Target Group]</p> <ol style="list-style-type: none"> 1) Researchers in the field of standards, measurements, evaluation and Geosciences for industry in the above-mentioned organizations 2) Individuals with a Master's degree or equivalent qualification 3) Individuals with at least 3 years of research experience 		
CONTENTS	PROGRAM PERIOD	Jan.13.2009~Jun.27.2009	
<p>Preparatory phase:</p> <p>– Participants are requested to make their own research proposals according to the topic of the research subject determined before their coming to Japan. In this process it is essential to contact the host researchers and to have consultations.</p> <p>Program in Japan:</p> <p>– Introductory lectures in AIST (1 week)</p> <ol style="list-style-type: none"> 1) Introductory lectures 2) Observation tour of the research institutes in Tsukuba Science city <p>– Individual research (about 5 months):</p> <p>– Subjects to be offered in relation with the following fields:</p> <p>Development phase:</p> <p>– The draft paper will be shared with the respective organizations of the participants. At 6 months after the end of the program in Japan, the participants will report on the progress of their activities in their organizations to Japan.</p>	IMPLEMENTING PARTNER	National Institute of Advanced Industrial Science	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS	<p>– The program includes intensive Japanese language lessons (25 hours).</p> <p>– Related website: National Institute of Advanced Industrial Science and Technology http://www.aist.go.jp/index_en.htm 1</p>	

Operation of Understanding on Rules and Procedures Governing the DSU, WTO Agreement WTO協定・紛争解決了解の運用		GROUP	0880196
Private Sector Development—Trade and Investment			
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Practicing the DSU requires advanced knowledge, and developing nations are still in the process of fully administering the rules. Therefore, this program is designed for government officials from developing nations to :</p> <ol style="list-style-type: none"> 1. Understand the procedure of the WTO dispute Settlement Understanding, 2. Deepen and widen the understanding of well-known Panel Cases, and 3. Exercise themselves in order to brush up their ability in dealing with the Dispute Settlement. 	<ol style="list-style-type: none"> (1) Governmental officials engaged in work to the WTO DSU, and with more than 5 years of occupational experience, (2) University graduates, having studied Economic Law, (3) Over thirty (30) but under forty-five (45) years of age, etc. 		
CONTENTS	PROGRAM PERIOD	Jan.25.2009~Feb.7.2009	
<p>The following subjects will be covered in this program in the form of lectures, discussion and presentation.</p> <ol style="list-style-type: none"> 1. Overviewing Session on the WTO Agreements 2. Outline of the Dispute settlement Procedure 3. Enhancing the Understanding of the Panel Case – Analysis of the well-known Dispute Settlement Case- 4. Drafting the Submission on a Fictional Dispute Case 5. Summary and Closing Remarks 	IMPLEMENTING PARTNER	Fair Trade Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Tourism Development for Regional Sustainability 持続可能な地域観光振興		GROUP  0880225
Private Sector Development—Trade and Investment		
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
This program aims to teach the knowledge and effective skills required for sustainable tourism development from multiple viewpoints, including environmental, economic, socio-cultural and political perspectives. The participants are expected: (1) To learn basic ideas, conceptual frameworks, and techniques for developing sustainable tourism (2) To acquire skills to identify and analyze problems concerning sustainable tourism development from multiple viewpoints, including environmental, economic, socio-cultural, and political perspectives (3) To present tentative proposals on sustainable tourism development by conducting a field study on Japanese cases (4) To propose action plans for realizing sustainable tourism in participants' countries	[Target Organizations] Ministries, local governments, and NGOs in charge of tourism [Target Group] (1) Officers engaged in the planning and development of sustainable tourism, either in central or regional government, or members of NGOs engaged in sustainable tourism development (2) Individuals with about 3 years of work experience	
CONTENTS	PROGRAM PERIOD	Aug.19.2008~Oct.26.2008
(1) Present status and problems in tourism development in participants' countries (job report presentation, issue analysis workshop) (2) Case of tourism administration and sustainable tourism development (lectures/visits) (3) Environmental preservation efforts (lectures/visits) (4) Cases of environmentally-friendly tourism development (lectures/visits) (5) Know-how of field survey (lectures/fieldwork /date analysis) (6) Final report (a) Group report: Prepare a proposal to the field survey site based on the fieldwork results (b) Individual report: Prepare a proposal to the participant's organization and the action plan	IMPLEMENTING PARTNER	Commerce, Industry & Labor Department, Hiroshima University, Hiroshima International Center
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2006~2010
	REMARKS	This program does not aim to provide knowledge and skills regarding commercial promotion and marketing in mass tourism.

Intellectual Property for APEC Economies APEC知的財産権		GROUP  0880736
Private Sector Development—Industrial Development Institution		
Target Countries: APEC region	8 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The increase in counterfeit and pirated goods within APEC countries is greatly obstructing economic activity. In order to ensure stable economic growth within the region it is imperative to establish a system for the protection of Intellectual Property, which in turn requires the training of talented human resources to maintain this system. To achieve successful training it is necessary for each trainee to understand the "APEC Anti-Counterfeiting and Piracy Initiative" and the "APEC Model Guidelines for Effective Public Awareness Campaigns" proposals of the Japan-US-Korea-Hong Kong Cooperation, as well as prepare a Project Design Matrix (PDM) in order to develop a distinctive and improved system for each country. Superior ideas suggested during training may also be used in forming future projects in one's home country.	(1) Government offices or related agencies within APEC. (2) Officials involved in the application of Intellectual Property Rights law and promoting public awareness. (3) Persons of (2) above with at least 5 years experience. (4) Persons between the ages of 30 and 50 (inclusive). (5) University degrees or equivalent qualification.	
CONTENTS	PROGRAM PERIOD	Sep.28.2008~Oct.18.2008
Training will be provided in Intellectual Property Rights law and its application, the activities of government offices and officials of government agencies in promoting public awareness, countermeasures to pirated and counterfeit goods, as well as key points in the diffusion of an Intellectual Property Rights system.	IMPLEMENTING PARTNER	Organization designated by Ministry of Economy, Trade and Industry (Japan Patent Office)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

Foreign Trade Development 貿易促進		GROUP  0880849
Private Sector Development—Trade and Investment		
15 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP	
【Objectives】 To make an "Action Plan" to solve the problems and difficulties with the bilateral or multilateral trade policy in participant's country 【Outputs】 Through the training program, participants are expected: 1. To understand the Japanese history and culture on economic development and trade 2. To understand the role of Japanese private-sectors (from small & medium to large sized companies) 3. To understand Japanese logistical systems (at home and abroad) 4. To understand the measures and policies of public-sectors (trade supporting institutions) 5. To understand actual activities of Japanese private firms for trade promotion and development	【Target Organizations】 Organizations in charge of foreign trade administration in government. 【Target Group】 -Leading government officers presently engaged in administration of foreign trade especially for those who are interested in the trade promotions to Japan. -Those who have equivalent practical experience of not less than three (3) years in the field of foreign trade practice -Be able to disseminate knowledge, experiences and techniques acquired from this training course after returning to their home countries.	
CONTENTS	PROGRAM PERIOD	May.18.2008~Jul.5.2008
Lectures: The history and culture of Japan regarding economic development, the role of the Japanese private-sector, logistical systems in Japan, the measures and policies of the public sector, activities for trade promotion and development of Japanese firms Observation: Trade companies, wholesalers, JETRO, industries, traditional local industries	IMPLEMENTING PARTNER	Kobe University, Kobe International Center for Cooperation and Communication(KIC)
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2004~2008
	REMARKS	Countries with a special interest in trade with Japan are welcome.

The International Welding Engineer 国際溶接技術者		GROUP  0880861
Private Sector Development—Industrial Technology		
Target Countries: Sri Lanka, Senegal, Mexico, Argentina, Jordan		
5 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP	
[Objective] The participants learn fundamental welding technology and practical technology, enabling their proper application, and acquire on-site experience. They are thus able to manage welding processes and foster welding engineers in their home countries. [Expected Results] By the end of the training period, in order to be able to plan and manage welding procedures, and foster welding engineers, participants are expected to have gained theoretical and practical knowledge of: 1. Welding processes and equipment 2. Materials and their behavior during welding 3. Construction and design for welded products 4. Welding fabrication, application engineering 5. Nondestructive tests, etc.	[Target Organizations] Welding engineers associations, vocational training schools for teaching welding technology, associations or organizations utilizing welding technology, and others [Target Group] Welding engineers with more than 3 years of experience and under 40 years old	
CONTENTS	PROGRAM PERIOD	Apr.7.2008~Oct.25.2008
<ul style="list-style-type: none"> - Introduction to welding engineering, welding processes and equipment, welding metallurgy - Welding mechanics and design, welding fabrication, applications engineering - Test and inspection, quality control, safety and hygiene - Observation and practice in companies, research institutes and educational facilities - Short group training in companies 	IMPLEMENTING PARTNER	Japan Welding Engineering Society
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2004~2008
	REMARKS	Participants can obtain the Diploma of IWE in IIW, a qualification scheme for welding personnel, through training upon passing the examination as part of the program. When submitting application forms, candidates are required to submit their graduation certificates, academic transcripts, and English score sheets.

Target Countries: ASEAN countries


11 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Based on the "ASEAN Standards and Conformance Cooperation Program" that was established in 2003, this program is designed to provide skills for international standards development in ISO/IEC and the latest trends of international standardization to officials of government standardization bodies in ASEAN countries, to promote the more positive participation of those countries in ISO/IEC.</p> <p>Key points to master: (1) Basic knowledge of standardization in general (2) How to advance international standards development, including negotiation skills for international meetings</p>	<p>Deputy directors or higher of governmental agencies involved in standardization, with experience in domestic or international standardization activities.</p>	
CONTENTS	PROGRAM PERIOD	Oct.19.2008~Nov.8.2008
<p>Lecture: Activities of ISO/IEC in Japan, Trends from ISO/IEC executive committee, Description of ISO/IEC Directives, Japanese Industry's Activity on International Standardization, Other recent topics</p>	IMPLEMENTING PARTNER	JAPANESE STANDARDS ASSOCIATION
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2004~2008
	REMARKS	

Target Countries: ASEAN countries

9 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program is intended to introduce the recent trends in conformity assessment and to promote the participation of ASEAN countries in the IECEE/CB Scheme.</p> <p>Participants are expected to; 1. understand the rules and procedures of IECEE/CB Scheme, 2. identify the problems and examine countermeasures for national product certification body to become a member of the CB scheme, 3. share essential information through the discussion among Japanese experts and the participants, and 4. formulate an improvement plan for the present situation.</p>	<p>Those who have a minimum of 3 years of experience in charge of electric and electronic standards in national standardization bodies, or those who have a minimum of 3 years of experience in conforming assessment and continue working in the field of standards and conformity assessment.</p>	
CONTENTS	PROGRAM PERIOD	Nov.16.2008~Dec.6.2008
<p>Lecture: 1. Rules and procedures of IEC-operated certifications system (CB Scheme) 2. International standards required for participating in the CB Scheme as a certification body 3. Technical aspects of the international standards covered by the CB Scheme and testing techniques in conformance with the international standards 4. Technical requirements for conformity assessment body</p>	IMPLEMENTING PARTNER	JAPANESE STANDARDS ASSOCIATION
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2004~2008
	REMARKS	


Improvements of Implementation on Security Exports Controls in Asia アジアにおける輸出管理運用技術向上		GROUP 	0880881
Target Countries: East and Southeast Asia		Private Sector Development—Trade and Investment	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This course is aimed at encouraging government officials related to their trade controls to deepen their understandings on the security export control. Thus, it introduces them to legal systems on the Security export controls ,licensing, controlled items under this legal system. Details are as follows:</p> <p>(1) To deepen their understanding on the security export controls (2) To deepen their understanding on licensing system under the security export controls (3) To deepen their understanding on controlled items under the security export controls (4) To deepen their understanding on the security export controls of private sectors</p>	<p>Individuals nominated by the government in accordance with the procedures mentioned below (1)Present position, assignment occupational background: Government officials charged with trade control, playing a leading role, and/or being engaged in this field with a minimum of one -year experience (2)Educational Background: University graduates or equivalent (3) Age: 25-45 years of age, in principle (4)Language: proficient in spoken and written English (5)Health: be in good health, both physically and mentally to participate in the core phase in Japan</p>		
CONTENTS	PROGRAM PERIOD	Nov.9.2008~Nov.22.2008	
<p>(1)Presentation: Country Report (2)Lecture -Current status of WMD proliferation -Non-proliferation and overview of International Export Control Regimes Export control system in Japan -Legal system: Export licensing practice; enforcement; Field trips to Japanese companies (3) Discussion the future of export control system in the Asian Region</p>	IMPLEMENTING PARTNER	CENTER FOR INFORMATION ON SECURITY TRADE CONTROL	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004~2008	
	REMARKS		

Technical Support for SME Promotion (Biotechnology/Plastics Technology) I 中小企業振興のための技術支援(バイオ・高分子産業分野) I		GROUP 	0880904
		Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program is designed to improve technical support systems for small- and medium-sized enterprises as well as to learn advanced technology in Biotechnology or Plastic Technology, and thus contribute to economic development in the respective countries.</p> <p>1. To understand the present state of technical support system for SME promotion in Japan, especially Osaka City, 2. To acquire a broad-range of knowledge and techniques in the field of biotechnology / plastics technology for effective SME promotion support, and 3. To make an action plan for SME promotion in their countries by addressing the problems/challenges in the fields of biotechnology and plastics technology.</p>	<p>(Biotechnology) (1) Individuals with 3 years or more of experience (2) Individuals with a master's degree or equivalent (3) Individuals between 25 and 40 years of age, etc. (Plastics Technology) (1) Individuals with 3 years or more of experience (2) Individuals with a bachelor's degree or equivalent (3) Individuals between 25 and 40 years of age, etc.</p>		
CONTENTS	PROGRAM PERIOD	Apr.29.2008~Aug.2.2008	
<p>1. Technical Support System/Measures by public institutions for SME Promotion 2. Biotechnology or Plastic Technology</p>	IMPLEMENTING PARTNER	OSAKA MUNICIPAL TECHNICAL RESEARCH INST.	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Applicants should choose "Biotechnology" or "Polymer Technology" at the time of application.	

Technical Support for SME Promotion II (Organic Materials/Inorganic Materials & Metals) 中小企業振興のための技術支援Ⅱ(有機化学工業/無機化学工業・金属産業分野)		GROUP	0880905
Target Countries: Viet Nam, Argentina, Thailand, India, Myanmar, Sri Lanka, Ghana, China, Mexico		9 participants	English
OBJECTIVE		TARGET ORGANIZATION / GROUP	
This program is designed to improve technical support systems for small- and medium-sized enterprises as well as to learn advanced technology in Organic Materials or Inorganic Materials & Metals, and thus contribute to economic development in the respective countries. 1. Understand the present state of technical support system for SME promotion in Japan, especially Osaka City, 2. Acquire a broad-range of knowledge and techniques in the field of Organic Materials/Inorganic Materials & Metals for effective SME promotion support, and 3. Make an action plan for SME promotion in their countries by addressing the problems and challenges in the fields of Organic Materials / Inorganic Materials & Metals.		Individuals with three (3) years or more of experience Individuals with a bachelor's degree or equivalent Individuals of between twenty-five (25) and forty (40) years of age	
CONTENTS		PROGRAM PERIOD	Aug.18.2008~Nov.29.2008
1. Technical Support System Measures by public institutions for SME promotion 2. Technology in the field of organic materials, inorganic materials and metals		IMPLEMENTING PARTNER	OSAKA MUNICIPAL TECHNICAL RESEARCH INST.
		JICA CENTER	JICA Osaka
		COOPERATION PERIOD	2004~2008
		REMARKS	Applicants should choose "Organic Chemistry" or "Inorganic Chemistry & Metals" at the time of application

Industrial and Commercial Statistics for East Asia and ASEAN Countries 産業統計(東アジアおよびアセアン諸国)		GROUP	0880941
Target Countries: East Asia and ASEAN countries		6 participants	English
OBJECTIVE		TARGET ORGANIZATION / GROUP	
OVERALL GOAL: To provide participants with general knowledge of industrial statistics, and to contribute to further statistical development OBJECTIVES: (1) to acquire knowledge and technique concerning planning, and data collection, etc., regarding industrial statistics, (2) to acquire how to analyze statistics utilizing industrial statistics, (3) to recognize the importance of industrial statistics, which are internationally comparable.		(1) Officers currently engaged in the field of industrial statistics, (2) Individuals with more than 5 years of occupational experience in this field, (3) Individuals over 25 years of age but under 40, (4) Individuals with sufficient knowledge of basic mathematics, etc.	
CONTENTS		PROGRAM PERIOD	Oct.14.2008~Nov.7.2008
Mainly consisting of lectures on the following items: (1) Outlines of industrial statistics. (2) Various sorts of census surveys (manufactures and commerce) (3) Various sorts of current surveys (production and commerce) (4) Enterprise based surveys (5) Secondary statistics (indices of industrial production, etc.) (6) Methods of analysis utilizing industrial statistics (7) Various sorts of classification (industrial classification, commodity classification, etc.) (8) Sampling techniques (9) The importance of internationally comparable statistics (10) On-site observation of statistical practice, etc. (11) Industrial statistics of participants' countries (Presentation by participants, etc.).		IMPLEMENTING PARTNER	RESEARCH AND STATISTICS DEPT., METI
		JICA CENTER	JICA Tokyo
		COOPERATION PERIOD	2005~2009
		REMARKS	

Intellectual Property Rights 国際知的財産権		GROUP 	0880993
Private Sector Development—Trade and Investment			
9 participants / English			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This course aims to establish and enforce legal systems for the protection of Intellectual Property Rights (IPR) and the effectiveness of the systems by accomplishing the followings:</p> <ol style="list-style-type: none"> 1. Recognizing the importance of fostering IPR experts and public education to raise awareness of the law as a prerequisite for intellectual property (IP) protection and, furthermore, acquiring the skills needed to propose means and methods by which to foster IPR experts and public education in their countries through the example of similar activities in Japan, 2. Recognizing the severe social and economic effects of IPR infringement and acquiring the skills needed to propose countermeasures necessary for implementation by the governments of their countries, 3. Acquiring the skills needed to propose means and methods by which to establish and improve upon systems for more expedient and proper resolution of disputes, 4. Acquiring the skills needed to propose policies to the governments of their countries in order to support research and development into and the creation of IPs. 	<p>(1) Senior administrators in charge of the legislation of intellectual property rights or in charge of policy making, or in the position of making a technical suggestion in their fields with practical experience of at least 3 years in this field</p> <p>(2) Under 45 years of age</p>		
CONTENTS	PROGRAM PERIOD	May.12.2008~Jul.19.2008	
<p>This program consists of lectures, Tutorial studies and discussion, including a final symposium. The main themes are:</p> <ul style="list-style-type: none"> • Overview of IPR Laws and New Issues Having Arisen • IPR Education • Utilization: Regulating IPR Infringement • Dispute Resolution Systems • Creation, Utilization and R&D Support • Case studies: Important IPR Infringement Judicial Precedents • Practical Exercises: Transfer Technology Contracts 	IMPLEMENTING PARTNER	KYOTO COMPARATIVE LAW CENTER	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS	In addition to this course, as for the Intellectual Property Rights, there are country focused courses for China and Africa respectively.	

Regional Economic Development (Ph.D:either in Sociology,Engineering, Agriculture, Social System Engineering ,Biological Sciences or Biological Engineering AND Master Degree:Business Administration(MBA)) 地域経済開発(長期)		L/T 	0881140
Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion			
3 participants / English			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Present a measures for the industrial promotion by use of research seeds by the researchers of University and public institutes.</p> <p>【Outputs】 <ol style="list-style-type: none"> (1) Preparation of a report on the research plan (2) Pursue a doctorate in Graduate School of University of Tsukuba for three years (3) Pursue a MBA in Business School of University of Tsukuba for two years (4) Preparation of policy proposal based on this training </p>	<p>【Target Organizations】 University, public research organization</p> <p>【Target Group】 Individuals with a master's degree or equivalent qualification. Administrative or technical officials of the above organizations with at least 5 years of experience.</p> <p>【Others】 Administrative or technical officials, aged between 30 and 45 years old.</p>		
CONTENTS	PROGRAM PERIOD	Mar. 1, 2009 ~ Mar. 31, 2012	
<p>(1)Preparation the research plan for Ph.D. and MBA. (2)Experiments in laboratory, data analysis, field investigation by directed by Ph.D. supervisors. <Life and environmental sciences> The research of the plant physiology and thremmatology for farm products. <System and Information Engineering> The research of the database of production process engineering and agricultural products cultivation. <Humanities and social sciences> The research study for developing export promotion policy. The research of economic sociology. (3)Lecture attendance and international field experiments for MBA degree. (4)After go back to home countries, from the result of this training, application of patents, original articles submission and make policy proposal will be required.</p>	IMPLEMENTING PARTNER	Alliance for research on North Africa, University of Tsukuba	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


Practical Seminar on Investment Promotion for South-Eastern Europe 南東欧地域実践の投資促進セミナー		R/F	0884035
Target Countries: Countries within South-East European Region		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
To develop the capacity to implement strategic investment promotion activities targeting Japan independently while establishing a useful business network in Japan	[Target Organizations] Investment promotion agencies and industrial organizations/associations [Target Group] Mid-career officers engaged in investment promotion (managerial level desirable) Individuals with at least 5 years experience in the field of investment promotion required		
CONTENTS	PROGRAM PERIOD	Sep.28.2008~Oct.11.2008	
1. Services provided by institutions involved in activities to assist investment promotion 2. FDI trends in Japan 3. Japanese business practices and effective investment promotion in Japan (case study) 4. Arrangement, preparation and implementation of one-on-one meetings with Japanese companies, under the guidance of UNIDO 5. Arrangement / preparation of and presentation in an investment seminar or a roundtable meeting, under the guidance of UNIDO	IMPLEMENTING PARTNER	United Nations Industrial Development Organization, ITPO Tokyo	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Invite 2 countries per year and all 6 countries in SEE will be invited. 2008: Montenegro(2),Macedonia(2) Participants' institutions are requested to bear the air-fare between their country and Japan. All other costs will be borne by the organizing institutions.	

Tourism Promotion for Southeast European Countries 南東欧地域 観光振興		R/F	0884055
Target Countries: South East Europe		11 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The capability of appropriate administration or management for sustainable tourism will be enhanced. Upon successful completion of the course, participants will be expected: (1) To understand socio-cultural and economic impacts of tourism. (2) To learn basic ideas, conceptual frameworks, and world trends of sustainable tourism. (3) To acquire basic knowledge and practical skills to establish national and regional policies on tourism. (4) To understand the roles and significance of public agencies in tourism administration. (5) To obtain basic knowledge and practical skills to develop tourism planning, development and marketing plans. (6) To be able to propose action plans for accomplishing sustainable tourism in respective countries.	【Target Organization】 Governmental organization in charge of tourism development 【Target Group】 (1) Administrative officers engaged in tourism development in a governmental or public body (2) At least three years of practical experience in the field of tourism development (3) University graduates or equivalent		
CONTENTS	PROGRAM PERIOD	Aug.6.2008~Sep.6.2008	
Preparatory phase: Participant should prepare a "Country Report" which describes the present situation and problems related to tourism development. Curriculum in Japan: (1) Socio-cultural and Economic Impacts of Tourism (2) Sustainable Tourism (3) Tourism in Japan (Tourism Administration on National-Level) (4) Tourism in Hokkaido (Tourism Administration on Local-Government Level) (5) Sustainable Tourism Development Case Studies in Hokkaido (6) Country Report Presentation, Propose Action Plans Finalization phase: Within three(3) months after completion of the training in Japan, each participant is expected to hold an open seminar to share the knowledge and experiences learnt in Japan, and his/her belonging organization will send a report.	IMPLEMENTING PARTNER	Sapporo International University, Sapporo International Communication Plaza Foundation	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2006~2008	
	REMARKS		

Business Management for Caucasian Countries コーカサス地域 経営管理		R/F	0884142
Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion			
Target Countries :Caucus	6 participants /		Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This course is designed to acquire comprehensive and practical know-how for promoting appropriate business management in market economy. Upon successful completion, following outputs are expected; (1) To understand the system and practical method of business management in Japan (2) To understand how to manage to keep competitiveness in the market, providing the products which meet the demand of the market (3) To acquire the theoretical and practical knowledge on production management (4) To deepen understanding on the philosophy for human resources development and understand the practical methods necessary for business management (5) To propose action plans	(1) Managers of national/private enterprises with at least 3 years of experience in the fields of business management, production management, human resources development, marketing/sales and financial management, preferably in manufacturing industry. (2) If not (1), senior administrative officers engaged in promotion of SME's in governmental bodies, (3) University graduates or equivalent, (4) Under 50 years of age		
CONTENTS	PROGRAM PERIOD	Nov.12.2008~Dec.20.2008	
<Preparatory phase> Participants should prepare a "Country Report" which describes the present situation and problems related to business management. <in Japan> (1) Japanese style management (2) Business management (3) Quality control (TQC, TQM) (4) Production control (Just In Time, Total Productive Maintenance, Cost Management) (5) Management strategy in SME's (6) Marketing theory (7) Case study (8) Marketing strategy and theory of Lanchester Strategy (9) Practice of human resource development (10) Country report presentation, proposition of action plans	IMPLEMENTING PARTNER	Northern Advancement Center for Science and Technology (NOASTEC)	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country: 3-4	

Non-life Insurance System Development for Indochina Countries インドシナ地域損害保険制度整備		R/F	0884181
Private Sector Development—Trade and Investment			
Target Countries :Cambodia, Laos, Myanmar	6 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Purpose】 Participants will enhance their overall knowledge of non-life insurance systems and schemes and consequently become key players in driving the organizations they belong to in creating momentum and a solid foundation for non-life insurance system. 【Outputs】 Participants will be able to: (1) identify and understand the roles of the non-life insurance system for socio-economic development, (2) understand the roles of supervisory agencies for the development of the non-life insurance system, (3) share experiences of development and dissemination of the non-life insurance system among participating countries, (4) formulate an Action Plan to develop an appropriate non-life insurance system	【Target Organizations】 Ministries/government agencies in charge of non-life insurance supervision and/or administration. For instance, the Ministry of Economy and Finance in Cambodia, the Ministry of Finance in Laos, and the Ministry of Finance and Revenue in Myanmar. 【Target Group】 (1) be deputy director or higher at the central government in principle, (2) be currently engaged in non-life insurance administration, (3) have a minimum of 3 years of the experience		
CONTENTS	PROGRAM PERIOD	Mar.1.2009~Mar.11.2009	
1. Functions and role of the non-life insurance system 2. Insurance system in Japan - outline and historical development 3. Role of insurance supervision (from the view of insurers) 4. Group discussion (country report presentation etc.) 5. Services of private insurance companies (lectures & site visits etc.)	IMPLEMENTING PARTNER	Mitsui Sumitomo Insurance Co., Ltd.	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006~2008	
	REMARKS		

Implementation of WTO Agreements in Central and South America
中南米地域WTO協定の履行支援

R/F  0884204

Private Sector Development—Trade and Investment

Target Countries: Central and South America

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>With the WTO accession, developing nations are required to implement the WTO Agreements. However, they are still in the process of building capacity for implementation. Therefore, this program will enable the government officials of developing nations to:</p> <ol style="list-style-type: none"> 1. Deepen the understanding of the WTO Agreements, 2. Enhance the practical and technical knowledge for the rules, and 3. Promote the judicial systems for liberalizing trade and complying with the WTO rules. 	<p>(1) Government officials engaged in work related to the implementation of WTO agreements, (2) Over thirty (30) but under forty-five (45) years of age, etc.</p>	
CONTENTS	PROGRAM PERIOD	Feb.15.2009~Feb.28.2009
<p>The following subjects will be covered in this program in the form of lectures, discussion and presentation:</p> <ol style="list-style-type: none"> (1) Overview session on the WTO Agreements and the Dispute Settlement Procedure. (2) Understanding the trends and problems of the new Round. (3) Lecture on Japanese experiences of implementation of the WTO Agreements and its present situation. (4) Visiting the relevant government offices. (5) Presentations and discussions of participants. 	IMPLEMENTING PARTNER	Fair Trade Center
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	

Practical Production Management (Theory and Practice on Productivity Improvement) for South America
南米地域生産性向上実践技術

R/F  0884221

Private Sector Development—Industrial Technology

Target Countries: South America


6 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to provide participants with opportunities to improve their abilities to solve the problems and difficulties that interfere with productivity. Participants will obtain the following listed knowledge and techniques:</p> <ol style="list-style-type: none"> (1) Understand the importance of enthusiasm and motivation as managers and supervisors attempting to improve productivity and quality at the production sites (2) Understand that the high productivity of Japanese industry is due to Kaizen Activities, which means various types of continuing improvements, involving all managers and workers at the production sites (3) Learn how to identify 3M (Muda=Waste, Mura=Inconsistency, Muri=Irrationality) at the production sites (4) Learn the methodology and easy-to-implement techniques for problem-solving at production sites (5) Learn how to identify optimal operating conditions 	<p>[Target Group] (1) Individuals with at least 5 years of work experience in the field of the production management of manufacturing or assembling industries (2) Engineering graduates at university or equivalent</p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Feb.7.2009
<p>【Lecture】 (1) Productivity and management engineering, productivity factors, basis of IE, single arrangement, Poka Yoke, just in time (JIT) (2) Outline of QC, QC several tools, sampling inspection, control chart (3) Japanese economy, employee education, trend of production control 【Practice】 Small group activity, New QC several tools, Value engineering (VE) 【Practice in Plant】 Improvement practice 1 & 2, Two days improvement 【Plant Visit】 Yamamoto, Toto, Unipress, Yasukawa, Nissan, Eco Town, Komatsu, Daifuku, NR</p>	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007~2009
	REMARKS	

Target Countries: South America

8 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will acquire knowledge and techniques to build up administrative capacity for promotion of SMEs/local industry activation.</p> <p>To reach the objectives, participants are expected to acquire the following knowledge and techniques:</p> <p>(1) Administrator's role (policy making, incentive, law and legislation, finding possible industry and local resources, evaluation of feasibility)</p> <p>(2) Management capacity (business management, product development, marketing, quality control, productivity improvement)</p> <p>(3) Benchmarks</p>	<p>【Target Organizations】 Organizations responsible for the promotion of small scale enterprises (SMEs)/Local industry activation (central ministry, local government, other governmental organizations, associations of private companies for the promotion of SMEs)</p> <p>【Target Group】 (1) Managers (central ministry, local government, other governmental organizations, associations of private companies for the promotion of SMEs) who are in charge of the promotion of small scale enterprises (SMEs)/Local industry activation (2) Individuals with at least 5 years of experience in its field</p>	
CONTENTS	PROGRAM PERIOD	Mar.2.2009~Mar.28.2009
<p>A. Lecture</p> <p>1) History, policy, current system for the promotion of SMEs (Government of Japan, Kitakyushu City, Kitakyushu Chamber of Commerce, Small and Medium Enterprise Agency)</p> <p>2) Basic knowledge for the promotion of SMEs</p> <ul style="list-style-type: none"> - The movement of Globalization - Promotion of international trade - Administrator's role for the promotion of SMEs <p>3) Administrative ability for managers</p> <p>Marketing, human resource development, coaching, quality control, financial management</p> <p>B. Field Visit</p> <p>SME factories, venture factories, Kitakyushu Science and Research Park, One-Village One-Speciality economic movement</p> <p>C. Group discussion D. Action plan presentation</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007~2009
	REMARKS	Expected number of participants per country: 2

Coordinator Training for Tertiary Education-Industry-Government Linkage to Develop Automobile Supporting Industries 自動車裾野産業育成のための産官学連携コーディネータ養成		GROUP  0880051
		Private Sector Development-Small and Medium Enterprises / Supporting Industries Promotion 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 This course is designed to educate and develop academic-industrial alliance coordinators in universities and research institutes who will gain knowledge concerning intellectual property law and technology management.</p> <p>【Expected Result】 The following human resources are developed in universities and research institutes: ① Human resources who can instruct younger academic-industrial alliance coordinators after returning home ② Human resources with the basic knowledge in intellectual property rights, and technology management ③ Human resources who can guide technology development and innovation in automobile related supporting industries, through the use of technical capabilities of universities</p>	<p>【Target Organizations】 Engineering higher education/Research institutions in countries where automobile industries exist</p> <p>【Target Group】 1) Engaged in services as academic-industrial alliance coordinators at their higher education institutions and research institutes, or individuals more likely to be appointed as academic-industrial alliance coordinators 2) Individuals with more than five (5) years in research and development 3) Individuals with a sufficient command of reading, speaking, and listening comprehension of English</p>	
CONTENTS	PROGRAM PERIOD	Oct. 5. 2008~Nov. 8. 2008
<p>1. Basic knowledge concerning academic-industrial alliance</p> <ul style="list-style-type: none"> • Job Report presentation by participants • Movements of academic-industrial alliance and regional partnership, including universities, enterprises, and communities <p>2. Intellectual property management</p> <ul style="list-style-type: none"> • Intellectual property laws in Japan and ASEAN countries • Case studies on the utilization of intellectual property <p>3. Technology Management</p> <ul style="list-style-type: none"> • Importance between technology management in the field of technological development and business-academia collaboration • Case studies on technology management <p>4. OJT</p> <ul style="list-style-type: none"> (1) Industry needs survey (2) Industry needs and academia seeds matching <p>5. Formulation and presentation of Action Plans</p>	IMPLEMENTING PARTNER	ICCEED, Toyohashi University of Technology
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2007~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Outcome> Participants are expected to improve the productivity of industries, in particular of small and medium enterprises, in respective countries by applying the corporate management techniques that they learn in this course.</p> <p><Outputs> 1. To master the corporate management techniques for productivity improvement through lectures, visits, debates and onsite practice in a model enterprise. 2. To utilize the mastered corporate management techniques in onsite practice and make a suggestive report for improving productivity of the model enterprise. 3. To make respective action plans on how to provide consultation services to the companies in their own countries.</p>	<p>(1) University graduates or equivalent with practical knowledge of overall business management/improvement of plant-level productivity/production management techniques/development of SMEs (2) Individuals with leadership to consult enterprises (3) Individuals in a position to promote/implement business management/productivity improvement activity of industries or enterprises (4) Individuals between 30 and 45 years old</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.13.2008~Jul.12.2008</p>
<p><Preliminary phase> Select at least one enterprise to implement consultation services and bring the necessary material before coming.</p> <p><Core phase in Japan> The program contents are as follows: (1) Special Characteristics of Japanese Management and Corporate Support Systems Related to Enterprise Activities (2) Integrated Practical Production Management (3) Cultivating Human Resources, Marketing, Business Strategies, Cost Control, Added Value Analysis, Financial Analysis (4) Overview and Practice of Productivity Improvement Activities (5) Methods for Productivity Improvement (6) Productivity Improvement Activities by SMEs (7) Practice in Enterprise Worksite Improvements (8) Implementing Improvement Proposals (9) Creating Action Plans</p> <p><Post-program phase> Bring back applicable action plans on productivity improvement to the home country for practice and draw up a final report.</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPN PRODUCTIVITY CENTER FOR SOCIO-ECON. DEVELOP.</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2004~2008</p>
	<p>REMARKS</p>	

Target Countries: all countries

18 participants ★ /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Objective> The destination marketing plans targeting the Japanese market, which have been developed through the training course will be shared among the participant's organizations.</p> <p><Output> To attain the objective, participants are required to achieve the following outputs; 1. to develop a better understanding of Japanese tourism administration, policy, organizations, and tourism industries, 2. to understand the trend of Japanese tourists, the characteristics of the Japanese, and the tourism product development, 3. to understand the methods and cases of other countries, 4. to develop a destination marketing plan of respective countries targeting the Japanese market based on the knowledge and techniques obtained through aforementioned 1-3.</p>	<p>【Target Organizations】 Governmental and other public organizations related with tourism promotion.</p> <p>【Target Group】 Officer with at least three(3) years practical experience in tourism promotion sector (experience in tourism marketing promotion is highly preferable)</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jun.1.2008～Jul.5.2008</p>
<p><Preparatory phase> •The participant presents Country Report to understand current situation of his/her country tourism.</p> <p><Core phase in Japan> 1. Outline of Tourism in Japan •Tourism administration (policy, organizations, laws) •Role and activities of National Tourism Organization (NTO) •Role and activities of Japanese Travel Agent Association •Japanese outbound market •Japanese domestic travel 2. Tourism Marketing and Promotion •Promotion activities by foreign national tourism organizations in Japan •Promotion activities of Japanese local governments •Promotion through media, by travel magazines in specific •Activities of travel agents in Japan 3. Sustainable tourism development •Outline of sustainable tourism development •Case study on tourism product development 4. Field Trips and Observations •System for the development of human resources engaged in hotel industry •Facility, hospitality and services provided at the hotel 5. Creating destination marketing plan</p> <p><Post-program phase> The knowledge and output (marketing plan) obtained from the training will be disseminated at the own institution and among the personnel concerned in the tourism industry of own country.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan Transport Cooperation Association (JTCA)</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2005～2009</p>
	<p>REMARKS</p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Sep.28.2008 to Nov.1.2008 in the same content.</p>

Target Countries : India, Mexico, Morocco and Nigeria

4 participants

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Heat treatment and metal finishing technologies will be improved by promoting the basic and advanced technologies acquired through the training course. To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1. To understand the essence of metal properties 2. To understand the theory and techniques of strengthening and hardening by heat treatment and surface finishing technologies 3. To understand quality control technology and pollution control technology 4. To organize a technology improvement plan or technical assistance plan 	<ol style="list-style-type: none"> 1. Experts presently engaged in this field of technology at industry, research/educational institutes with at least two (2) years of experience 2. Individuals with basic physical and chemical knowledge 3. Age: Under 35 years old 4. Individuals proficient in speaking and listening to English 	
CONTENTS	PROGRAM PERIOD	Aug.21.2008~Nov.29.2008
<p>Preparatory phase A country report and job report will be created, to assess the current situation of respective countries and related technologies.</p> <p>Program in Japan The technology improvement plan or technical assistance plan will be created based on the following subjects:</p> <ol style="list-style-type: none"> 1. Basic knowledge of materials 2. Hardening and strengthening of bulk materials 3. Surface hardening and strengthening mainly by heat treatment 4. Hardening and strengthening by surface finishing technology 5. Corrosion protection process and control 6. Quality control and environmental treatment <p>Post-program activities</p> <ol style="list-style-type: none"> 1. To submit a technology improvement plan or technical assistance plan to the related sections and implement the action plan. 2. To submit a progress report describing the results in realizing the action plan 	<p>IMPLEMENTING PARTNER Aichi Industrial Research Association</p> <p>JICA CENTER JICA Chubu</p> <p>COOPERATION PERIOD 2005~2009</p> <p>REMARKS</p>	

Target Countries : Southeast Europe


7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to development of transition economies by acquiring and sharing Japanese knowledge and experiences in production management. Upon completion, following results will be expected: (1) To understand the system and practical methods of business management in Japan, 2) To acquire the theoretical and practical knowledge on production management, quality control and sanitary control conducted by Japanese enterprises, 3) To acquire the basic theory and practical knowledge on financial management for the appropriate financial analysis, and on marketing for the appropriate business management, 4) To deepen understanding on the philosophy for human resource development and understand the practical methods necessary for business management, 5) To propose an action plan considering the lessons learned throughout this course.</p>	<p>(1) managers or senior staff members of a national/private enterprise, with more than 5 years of experience in the field of process planning, product and inventory, quality control or productivity development n the manufacturing industry (2) if not (1), managers or senior officers in charge of promotion of SMEs at chamber of commerce and/or governmental organizations . (3) Technical college or university graduates, or with equivalent academic backgrounds.</p>	
CONTENTS	PROGRAM PERIOD	May.13.2008~Jun.21.2008
<p><Preparatory Phase> Each participant prepares a Job Report to share the problem he/she has. <Curriculum in Japan> Lectures: Japanese/Business/Production management, Quality/Financial control, Business strategy in small and medium enterprises, 5S, Case study, Marketing theory, Human resource development (case method) Observation: various factories, and plants within and out Hokkaido Presentation: Job report presentation, Final report presentation <Finalization Phase> Within a month, every participant is requested to present action plans and share experiences in home organizations. JICA might support this activity.</p>	<p>IMPLEMENTING PARTNER</p>	Northern Advancement Center for Science & Technology
	<p>JICA CENTER</p>	JICA Sapporo
	<p>COOPERATION PERIOD</p>	2007~2009
	<p>REMARKS</p>	

Target Countries: Southeast Asia and ASEAN countries

6 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This training program focuses on the fundamental technologies and system of "making things", rather than sole technology or production management tools. Instead, it provides key mindsets, attitudes, and spirits of "Monozukuri", so that manufactured goods can be sold and profit made.</p> <p>The training program is implemented by introducing automobile manufacturing as an example to understand the essence of Monozukuri.</p> <p>However, it does not aim to provide training on automobile manufacturing at all. (Course Outcome)</p> <p>Participants are expected to learn the concept of making things (Monozukuri), the development of human resources for Monozukuri, its dependence on national culture, by understanding the key points of Monozukuri technology from design to production management. This will develop the abilities to plan and implement Monozukuri-related projects, and disseminate Monozukuri ideas in their own countries.</p> <p>(Course Outputs)</p> <ol style="list-style-type: none"> 1) The situation of Monozukuri and its challenges in the participating countries become clearer. 2) Participants learn the concept of Monozukuri by understanding the key points of Monozukuri technology. 3) Participants individually draft an Action Plan, detailing the contents of their activities after returning to their home countries. 	<p>【Target Organizations】 Technical development and promotion departments of manufacturing industries and / or small and medium-sized enterprises in the national or local government.</p> <p>【Target Group】 Applicants should:</p> <ol style="list-style-type: none"> 1) be engineers who are currently or will be engaged in technical development and promotion of manufacturing industries and/or small and medium-sized enterprises, and with strong wills to be leaders in this field; and 2) Individuals with basic knowledge concerning "making things"; and 3) University graduates or equivalent with more than 10 years of practical experience in the field of "making things". 	
CONTENTS	PROGRAM PERIOD	Jan.26.2009~Mar.14.2009
<ol style="list-style-type: none"> 1) Orientation 2) Design and production automation system 3) Materials selection and treatment of materials 4) Processing 5) Special physical processing 6) Special chemical processing 7) Products inspection and quality assurance 8) Management and production control system, industrial engineering (IE) 	IMPLEMENTING PARTNER	Aichi Industrial Research Association
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005~2009
	REMARKS	Expected number of participants per country : 2

Strengthening export competition in SAARC region SAARC域内輸出競争力強化		R/F 	0884145
Target Countries: Countries in SAARC region		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Through this course, effective ideas to strengthen export competition in SAARC region, such as manufacture and export products, will be shared.</p> <p>【Outputs】 1. Share problems among SAARC region through preparing Job Report before arrival and discussion among the participants. 2. Understand Japan's trade promotion policies, the role on export competition by supporting organizations and business service consultants 3. To understand current activities by SMEs. 4. To understand supporting systems for SMEs' export competition; financial supporting system, environmental policy, and so on 5. Preparation of an action plan proposing practical method to solve the problem analyzed in Job Report. Follow up the implementation of action plan.</p>	<p>【Target Organizations】 Chamber of Commerce and Industry, Governmental Organization promoting trades</p> <p>【Target Group】 1. Officials or staff of the target organizations 2. With more than 3 years of occupational experiences in this field. 3. University graduates or the equivalent</p>		
CONTENTS	PROGRAM PERIOD	Feb.17.2009～Mar.7.2009	
<p>1. Prepare Job Report before arrive at Japan through surveying the current situation and problems in respective country and analyzing problems for empowerment of export competition. 2. Lectures and discussion on Japan's trade promotion policies at national and local level, regulations, customs, quality controls, and practical supporting measures for SMEs export competition. 3. Through visiting and diagnosing enterprises and factories, discussing with managers, participant will understand Japanese style of management, integral manufacturing method, quality control method such as 5S and so on. 4. Lectures and discussions for financial support system, method for protecting environment, and so on. 5. Select a theme among the problems analyzed in Job Report, utilizing any method or ideas acquired through the course, for instance selecting pilot industry, proposing an action plan, and report the situation of implementation after returning.</p>	IMPLEMENTING PARTNER	Conference among various small and medium scale industries in Kanagawa; Iguen	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2008～2010	
	REMARKS		

Target Countries: Palau, Marshall and Federal States of Micronesia

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to acquire the necessary skills to plan tourism promotion strategy by understanding the way to conserve and utilize tourism resources in Okinawa.</p> <p>To attain the objective, participants are expected to achieve the following:</p> <p>(1) Recognize the importance of tourism revenue in small islands states' economies.</p> <p>(2) Recognize the importance of tourism resources in small islands or local communities, and understand the means of sustainable utilization and conservation.</p> <p>(3) Understand comprehensive knowledge about Japanese administrative roles and acquire the way of collaboration with various tourism-related organizations (private companies, NGOs, etc.).</p> <p>(4) Formulate respective action plans on how to improve the tourism sector in own countries through problem analysis.</p>	<p>[Target Organizations] Public sector, tourism-related organizations which are currently engaged in promotion or the planning and development of tourism</p> <p>[Target Group] (1) Individuals presently working as staff in the tourism or environment sector, such as the ministry of tourism and environment, or other public related organizations (2) Individuals with more than 3 years experience in the above mentioned field (3) Individuals from 30- 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Aug.5.2008~Sep.27.2008
<p><Preparatory phase></p> <p>(1) Formulating a job report describing the present situation of tourism in the participants' countries and the participants' detailed job in their organizations.</p> <p><Program in Japan></p> <p>Implementing lectures, observation tours and practices related to the following topics:</p> <p>(1) Issue analysis workshop</p> <p>(2) Importance of tourism revenue in small island states</p> <p>(3) Administration roles for tourism promotion and marketing</p> <p>(4) Participating in tourism programs (such as eco-tour programs, cultural programs and health claim tourism programs)</p> <p>(5) Formulating and making presentations of an action plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>Okinawa Environment Club</p>
	<p>JICA CENTER</p>	<p>JICA Okinawa</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2008</p>
	<p>REMARKS</p>	

Intellectual Property Rights in Africa アフリカ地域知的財産権		R/F 	0884173
Target Countries: WTO Member countries in the African region		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 The training course is designed to provide comprehensive knowledge on intellectual property rights (IPR) in light of socio-economic development, to increase understandings of protection, exploitation and enforcement of IPR, and to examine feasible mechanisms for implementing the legal infrastructure with international standards.</p> <p>【Output】 1. To sort out problems in the field of IP in participant's country, through understanding IPR in socio-economic development in Japan under international framework such as WTO/TRIPs and WIPO. 2. To understand the promotion of technology transfer from abroad and IPR. 3. To have understanding of the issues for protecting and exploiting cultural expressions including folklore and traditional knowledge, and biological resources. 4. To understand enforcement to protect IPR.</p>	<p>【Target Group/Target Organization】 (1) Individuals nominated by their government in accordance with the procedures stipulated in IV. below, (2) (a) Either senior administrators in charge of the legislation of intellectual property rights in light of global standards such as WTO/TRIPs, WIPO framework; or in charge of policy making in the field of overall intellectual property rights or related law. (b) Administrators or judicial officials in charge of legislation for at least one of the following laws: patent, utility models, trademarks, designs, copyrights, plants law with practical experience of a minimum three (3) years in this field</p> <p>* It is advisable for the two applicants to have different backgrounds in specialized law</p>		
CONTENTS	PROGRAM PERIOD	Nov.17.2008~Dec.12.2008	
<p>■ Lectures Characteristics and historical development of patent/utility model law Characteristics and historical development of trademark law Characteristics and historical development of copyright law Contracts on technology transfer/License agreement and its legal issues Introduction of international discussion on folklore Introduction of international discussion on access to genetic resources and its benefit sharing, etc.</p> <p>* The participants are expected to introduce the legislation and situation of the related topic above in the each lecture</p> <p>■ Observation Patent office High court for intellectual property rights Japanese cooperation</p> <p>■ Discussion Discussion with experts from WIPO, JPO, Japanese cooperation, attorneys at law etc</p> <p>■ Action plan</p>	IMPLEMENTING PARTNER	Kyoto Comparative Law center	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2006~2008	
	REMARKS	<p>- This training program requires preparatory e-training prior to the training course. - Two participants from each country are expected in order to analyze the overall legislation, jurisdiction and enforcement approach</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Output】 (1) To deepen their systematic understanding of museum activities and facilities. (2) To deepen the understanding on preservation of cultural heritage (3) To deepen the understanding on presentation of cultural heritage. and the role of the museum in the community (4) To share experience of museum management, and to make an action plan for your own museum.</p>	<p>【Target Organizations】 National or local level museums related organization 【Target Group】 Person who has more than 10 years experience in museum or related organizations.</p>	
CONTENTS	PROGRAM PERIOD	Jan.31.2009~Feb.22.2009
<p>The training course will focus on hands-on training geared to practical museum activities.</p> <p>1. Presentation of museums in target countries 2. Lectures (To be decided) 3. Museum observation 4. Action plan</p>	IMPLEMENTING PARTNER	Comode Design Co., Ltd. (To be fixed), National Museum of Ethnology (To be fixed)
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2007~2009
	REMARKS	

Target Countries: CARICOM countries

9 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to clarify issues encountered in their respective countries and plan a sustainable tourism promotion plan by understanding the way to conserve and utilize tourism resources.</p> <p>To reach this objective, participants are expected to achieve the following:</p> <p>(1) To understand a various types of tourism. (2) To understand a concept of tourism resources as well as its management and utilization of tourism related information. (3) To understand roles and collaboration mechanism among tourism related stakeholders. (4) To reconsider a tourism development plan based on the above mentioned understandings in his/her country or region.</p>	<p>【Target Organizations】 Public sector, tourism-related organizations and NGOs, which currently partake in the promotion or planning and development of tourism (including ecotourism)</p> <p>【Target Group】 (1) Governmental officers, staff of tourism-related organizations and NGOs, who currently partake in the promotion or planning and development of tourism (including ecotourism) (2) Individuals with practical experience in this field for about 3 years. (3) Individuals under 40 years old.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jan.6.2009～Feb.21.2009</p>
<p><Preparatory phase> (1) Formulating a job report describing the present situation of tourism in the participants' countries and the participants' detailed job in their organizations.</p> <p><Program in Japan> Implement lectures, observation tours and practices related to the following topics: (1) •Tourism promotion in Okinawa Prefecture •Introduction to eco-tourism, health claim tourism •Participating in various kinds of tourism related program (2) •Evaluation and monitoring for tourism resources •Collection process and utilization of tourism related information (3) Observing various facilities for tourism (4) Exchanging opinions for Job Report and Tourism development plan.</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	<p>Okinawa Environment Club</p>
	<p style="text-align: center;">JICA CENTER</p>	<p>JICA Okinawa</p>
	<p style="text-align: center;">COOPERATION PERIOD</p>	<p>2007～2009</p>
	<p style="text-align: center;">REMARKS</p>	

Target Countries: all countries

12 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>For the implementation of high priority policies, a draft strategic plan with a public-private partnership (PPP) concept will be formulated. Participants are required to:</p> <ol style="list-style-type: none"> 1. Identify the differences between government-led initiatives and PPP in the public service delivery, 2. Understand the methodologies to promote local communities' participation, or beneficiaries' needs survey, 3. Identify the mechanism of the PPP project (e.g. legal framework, roles and responsibilities of each actor, resource mobilization, contract), 4. Understand the evaluation method and indicators for the PPP project, 5. Formulate a draft strategic plan with the PPP concept (interim report). 	<p>Central or local government officials who are in charge of public - private partnerships with more than 5 years of occupational experience</p>	
CONTENTS	PROGRAM PERIOD	Jan.18.2009~Feb.14.2009
<p>Preparatory phrase: Participants are requested to submit the inception report to JICA regarding the most critical issues and proposed project with the PPP concept in respective countries or regions in advance to the program in Japan.</p> <p>Program in Japan: Lectures, discussions and visits on the following topics; (1) Concept of PPP, background, classification of PPP initiatives (2) Method for the communities' participation or beneficiaries needs survey (3) Mechanism of the PPP project (4) Evaluation method (5) Exercise to formulate the draft strategic plan (interim report)</p> <p>Post-program activities: Participants are required to : (1) Hold discussions with the relevant organizations to disseminate the concepts of PPP and their interim Report. (2) Submit the final report to JICA within 2 months of their return. A consultation would be made by JICA-Net video conference.</p>	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Objective> At the end of this program, participants should be able to plan and conduct a training course in their home organization to improve the productivity and efficiency of SMEs.</p> <p><Outputs> To achive this program objective, participants are expected to;</p> <ol style="list-style-type: none"> 1. master how to analyze the training needs of their SME clients. 2. master how to design a client need-based training course. 3. maseter how to develop the relevant training methodologies. 4. understand the trainer's role, the appropriate materials and the required learning environments to implement a training course for SMEs. 5. master the evaluation for outcomes by identifying individual and training performance measures for continuous improvement. 	<p>【Target Organizations】 Public and Private organizations which are providing training to SMEs (SME Promotion Centers, Chambers of Commerce, Vocational/Industrial training Centers, NGO,etc)</p> <p>【Target Group】 Trainers, Instructors who have at least three years of experiences in the field of SMEs promotion.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jul.21.2008~Aug.9.2008</p>
<p><Preliminary phase></p> <ol style="list-style-type: none"> 1. The participant consults with his/her supervisor about the feasibility of implementing the training module after returning to Japan—that is, what organizational resources (time, money, staff, space, etc.) are and are not available. 2. The participant presents Inception Report which contain 1)organization introduction, 2)critical training issue. <p><Core phase in Japan> The following subjects will be covered in this program in the form of lecture, discussion, role playing, presentation, and visit SME alike.</p> <ol style="list-style-type: none"> 1. instructional design 2. the methods for designing a client need-based training course 3. the methods for developing the relevant training course 4. the role of SMEs' trainer and leadership 5. the coaching methodology 6. the evaluation methodology of training course <p><Post-program phase></p> <ol style="list-style-type: none"> 1.Presentation to supervisor and colleagues after returning to home country and discuss the feasibility of implementing final report action plan. 2.Submit a follow-up report. 	<p>IMPLEMENTING PARTNER</p>	<p>Tamagawa University</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	

Small and Medium Enterprise Development Policies 中小企業振興政策		GROUP  0880070
Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion		
		14 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Formulating a final report to manage the policy and promotional measures for SMEs by officials working on government or implementing organizations for SMEs development, and the knowledge will be shared organizationally [goal for three years]</p> <p>【Outputs】 1)Participants will be able to explain the role of policy and measures in the policy and promotional measures for SMEs development based on Japanese cases. 2)Participants will be able to point out the role of SMEs policy/measures implementing agency for promotional measures and Japanese current status or issues. 3)Participants will be able to assess own country's status on business environment development through comparative discussion with Japan and participating countries' approach.</p>	<p>【Target Organizations】 [Fix the target organization for three years] Government ministry, Local government and Implementing agency for SMEs development</p> <p>【Target Group】 1)This program is offered to officials working on government or implementing organizations for SMEs development, being expectable to get wide range of basic ideas and knowledge about SME policy & promotion measures as a generalist. 2) have at least two (2) years experience working for SMEs development, 3) Be able to discuss and make reports in English. English listening, speaking and reporting skills are essential for the "open discussion" centered curriculum.</p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008~Nov.5.2008
<p>(1)Fundamental lectures, Discussion and Site visit concerning <SMEs policy system><Structure of Government and Local government><SMEs Registered Management Consultant system>< Industry-Government-Academia partnership><Credit guarantee program><uncollateralized loan system ></p> <p>(2)Fundamental lectures, Discussion and Site visit concerning <Governmental implementing agency's activities><Local governmental implementing agency's activities><Role of chamber of commerce and industry><Financial assistance for SMEs><Technical assistance for SMEs><Internationalization assistance for SMEs></p> <p>(3)Fomuration, Presentation and Discussion concerning <Situatuin report><Final report></p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	This seminar will be implemented third time for JFY 2008.The second one is scheduled from Aug.24.2008 to Sep.27.2008, and the third one is from Feb.1.2009~Feb.29.2009 in the same content.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The trainees will be able to find out and implement the method to solve obstacles in their countries actively by themselves based on the knowledge on metrology system.</p> <p>【Outputs】 (1) To understand the current situation about the basic metrological system and the activities in international cooperation. (2) To learn about the current situation concerning the measurement standard / techniques, international cooperation and research activities in metrology. (3) To learn about the social and industrial infrastructures supporting the legal metrology system. (4) Trainees have more knowledge on the current situation in metrological control at the manufacturers which is closely related to quality control. (5) To understand the metrological system in the third country. To make presentation and exchange information in order to implement the overall goal of the present training course in their home countries.</p>	<p>【Target Organizations】 Governmental organization or national metrology institutes responsible of implementation of legal metrology infrastructure.</p> <p>【Target Group】 Staff incharge of national metrology institutes responsible of implementation of legal metrology infrastructure. Administrative or technical officials of the above organizations with at least 5 years of experience. Individuals with a bachelor's degree or equivalent qualification.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jun.9.2008～Sep.6.2008</p>
<p>(1) General orientation and lectures on; legislative system, legal metrology system, international cooperation / support, and education on metrology. (2) Lectures and visits related the convention of meter, national primary standards, development of new measurement techniques, standard reference materials, mutual recognition arrangements (MRA), and international comparisons. (3) Lectures and visits related legal metrology system such as, verifications, type approval, designated manufacturers system, verification standards, periodical inspection, accreditation programs, etc. (4) Lectures and visits related metrological control practiced at the manufacturers such as, maintenance of working standards, designated manufacturers system, quality control, control of production line, and activities of organizations organized by the manufacturers. (5) The complementary course includes lectures by the local experts and site visits on metrological infrastructure in the country where the course is held. All trainees will also present their recent activities in their home country and exchange information with other participants.</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	<p>National Institute of Advanced Industrial Science and Technology</p>
	<p style="text-align: center;">JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;">REMARKS</p>	<p style="text-align: center;">COOPERATION PERIOD</p> <p>2008～2010</p>

Target Countries: WTO countries which has concluded or is negotiating EPA, FTA with Japan.

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Each country's copyright-protection problems and its improvement plan will be hold in common among relevant parties of the country.</p> <p>【Outputs】 (1) Be able to explain on copyright concerning problems of participant's country. (2) Be able to draft an improvement plan for each country's copyright protection. (3) Be able to share the improvement plan within participant's organization and to sort out the points of reform and implementation.</p>	<p>【Target Organizations】 Officials of public organizations in charge of policy planning and/or enforcement of copyright</p> <p>【Target Group】 3 year and more experience of copyright administration Good command of English</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.18.2008~Jun.7.2008</p>
<p>(1) ① Lectures on copyright system and its implementation. ② Visits to collective management societies, customs and model schools. (2) ① Orientation on PCM method. ② Presentation and discussion on each country's report. ③ Visits to relevant organizations for drafting improvement plan. ④ Tutoring for drafting improvement plan. (3) ① Finalization of improvement plan after return to home. ② Presentation of the plan in participant's organization. ③ Modification of improvement plan by the organization.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Agency for Cultural Affairs</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	

Target Countries: Countries have possibility of progress in bioindustry accurately

11 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Through the training course of advanced bioindustry, the trainee can learn and experience of knowledge and technology necessarily for promoting and developing the bioindustry in home country. By learning the Convention on Biological Diversity, Cartagena Protocol, trainee make and execute a Bio-strategy plan continuously and possibly.</p> <p>【Outputs】 (1) Basic and applied bio-technology and Bioindustry: To learn the basic and applied biotechnology and bioindustry currently in Japan, and then to consider the comparison with own country and Japan (2) Application of biological and genetic resources: (3) Strategy & planning and implementation of biotechnology and bioindustry. (4) Public understanding for safety of biotechnology and bioindustry : (5) Action plan</p>	<p>【Target Organizations/Groups】 •Administrative officers who are currently engaged in overall planning and implementation of policy in bioindustries. •Experts who are presently engaged in biotechnology or related technology at national research institutes and are supporting/will support the national government in making policy in bioindustries.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.28.2008~Jul.31.2008</p>
<p>(1) Introduction of fermentation industry : Trainee can learn the history and success of fermentation industry in Japan as an instance of industrialization using the biological and genetic resources. After returning the home country, trainee make a policy and action plan to grow the bioindustry by these knowledge obtained in this training course. Amino Acid industry : manufacturing process, utilization, safety, usefulness, new function of Amino Acids. (2) Convention on Biological Diversity(CBD) and Bioindustry : Trainee learn and understand the significance and difficulties of CBD and make a political, action plan to progress the bioindustry in own country by these knowledge obtained in this training course. Trainee recognize the important relationship between own country and Japan. Trainee learn the application of microbiological resources and make use these knowledge to progress the bioindustry in own country. Environment and Biotechnology, Bioindustry: Protection of environment to develop the biomass, biofuel(bioethanol),etc (3) Bio-policy in Japan: Trainee understand the specific bio-policy in Japan in order to propose the political plan for growing the bioindustry in own country. (4) Public understanding : By learning the public understanding in Japan, trainee may consider the activity and policy for public understanding. Cartagena protocol: To learn and understand the Cartagena protocol, significance, difficulties and make the political proposal. Trainee recognize the important relationship between own country and Japan. (5) Trainee can make the action plan of short and long term for promoting the progress of bioindustry in own country. Interim discussion: group discussion and presentation. Final presentation of action plan and discussion to confirm and realize them in own country.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan Bioindustry Association(JBA)</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Through this training, participants can make proposal to arrange and expansion of the investment law system of their country to promote the foreign direct investment</p> <p>【Outputs】 (1) Understand the situation and task of the policies of foreign direct investment of their own countries. (2) Understand the current request and needs of foreign direct investment (3) Understand the situations and investment policies of national and local level in Japan (4) propose to solve the problem of law-oriented infrastructure along the policy, strategy and issues of their country</p>	<p>【Target Organizations】 Administrators in charge of foreign direct investment policy 【Target Group】</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jul.7.2008～Aug.8.2008</p>
<p>(1)(Before)Reading the report of ex-participants and making report of the foreign direct investment in their country to analyze the problem of their countries. (Japan)Understand the difference and similarity with Japan and other participated countries from the training of the field of investment law system (2)(Before)Understand the request for improvement from the companies which is coming from foreign country (Japan)Visit and discuss with the Japanese company which enter foreign countries (3)(Japan)Visit and discuss with the government office concerned the investment to Japan. Visit and discuss with the government office which support the companies (4)(Japan) Making the reports about the idea of investment field ,task and solution of the law system.At the presentation, Japanese experts are expected to advice them for better solution</p>	<p>IMPLEMENTING PARTNER</p> <p>Ministry of economy, Trade and Industry</p> <p>JICA CENTER</p> <p>JICA Osaka</p>	<p>COOPERATION PERIOD</p> <p>2008～2010</p>
	<p style="text-align: center;">REMARKS</p>	<p>•This seminar will be implemented twice for JFY 2008.The second one is scheduled from Feb.4.2009 to Mar.15.2009 in the same content.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Production/Equipment managers become to be able to set the plan and goal for quality control and prevention of accident by utilizing technique and knowledge, gained by the training course.</p> <p>【Outputs】 (1) To be able to explain the mechanism of defect occurrence on metallic materials. (2) To be able to utilize the theory and methods of non-destructive inspection techniques. (3) To be able to select the proper inspection method according to the proposed use. (4) To be able to evaluate inspection results. (5) To be able to understand the present condition of recent technological equipments through the field study or plant visit.</p>	<p>【Target Organizations】 Ministry, research institute, university, or public organization, which are related with Non-destructive inspection</p> <p>【Target Group】</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Feb.9.2009～Jun.13.2009</p>
<p>(1)(1) Fundamentals of Metallic Materials, (2) Outline of Non-destructive Inspection Technique, (3) Countermeasure for Defects Prevention of Cast, Forged Steel, (4) Flaw in Welding Products and its Inspection (2)(1) Outline of Visual Test, (2) Fundamentals and Practice of UT, (3) RT, (4) MT, (5) ET, (6) SM, (7) PT, (8) AE (3)(1) Practical Example in Process Industries, (2) Maintenance Inspection, (3) Practical Example of Maintenance Inspection in Japan (4)(1) Outline of Quality Control, (2) Outline of Cleaner Production, (3) Research and Certificate of Non-destructive Inspection Technique in Japan (5)(1) Recent Technological Improvement in Non-destructive Technique Progress, (2) Recent Inspection of Various Plant in Japan (Shimazu, Toshiba, Rigaku, Hitachi, Fuji Film etc.) , (3) Recent Automation Systems in Japan (Museum of Industry and Technology, TOYOTA, Yasukawa Electric Corp) (6) Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
	<p>JICA CENTER</p>	<p>JICA Kyushu</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	<p>The term of this training course is not yet determined.</p>

Target Countries: Africa

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To understand the role of enterprise networking as well as local and regional economic development within the context of national development and to make a final paper on the ideas of local and regional economic development policies of the participants' own countries.</p> <p>In order to achieve the above objectives, participants are required to:</p> <ol style="list-style-type: none"> 1. Enhance the ability to analyze and improve the macro economic environment, 2. Create a concrete industrial promotion plan to address the challenges for the regional public administration and to strengthen the role of the private sector, 3. Understand the process and role of networking among SMEs, 4. Formulate a plan for building a cooperative relationship between NGO or CBO and public sector and/or for promoting SME's access to markets. 	<p>(1) Government or Public officers who are engaged in the planning/implementation of national/regional development projects and policy</p> <p>(2) Staffs of public organization for SMEs promotion or of Chamber of Commerce</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.28.2008～Nov.25.2008</p>
<p><Preparatory phase> Participants are required to make inception reports.</p> <p><Core phase in Japan> Participants analyze and have better ideas to deal with problems that are addressed by inception reports, and formulate plans for building the cooperative relationship between NGO or CBO and public sector and/or for promoting SME's access to markets.</p> <p>Lecture, discussion and visit: (1) Japan's Economic Development and Policies (2) Local and Regional Economic Development (3) Enterprise Networking and Project Planning</p> <p><Post-program phase> 1. Hold discussion meetings regarding plans written in Japan, 2. Submit reports on what is discussed, 3. Finalize and submit final plans.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan International Cooperation Center (JICE)</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2004～2008</p>
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are expected to draft promotional measures for their submission to higher authorities in their countries (or alternatively generate action plans whose target is to produce promotional measures, if not authorized to draft any measures while in Japan) through intensive exposure to:</p> <ol style="list-style-type: none"> 1. Participants will be able to explain the role of policy and measures in the policy and promotional measures for SMEs development based on Japanese cases. 2. Participants will be able to point out the role of SMEs implementing agency for promotional measures and Japanese current status or issues. 3. Participants will be able to assess own country's status on business environment development through comparative discussion with Japan and participating countries' approach. 4. Participants will be able to investigate about the useful way and making a draft of action plan. 	<ol style="list-style-type: none"> (1) Officials working at organizations whose activities are targeted at promoting SMEs and micro-enterprises, preferably in the manufacturing sector, (2) Individuals with at least two years professional experience in the relevant field, (3) University graduates or with equivalent qualifications, (4) Individuals with a sufficient command of written and spoken English (a TOEFL score of more than 550 points, IELTS grade 6 "Competent User" or higher, Cambridge ESOL certificate FCE or equivalent standard is necessary), (5) Individuals not more than forty-five (45) years of age, (6) Individuals nominated by their government, in accordance with the procedure as stipulated in section IV, (7) Individuals in good health, both physically and mentally, to undergo the training, and 	
CONTENTS	PROGRAM PERIOD	May.27.2008~Jun.28.2008
<ol style="list-style-type: none"> 1. Presentation of a Situation Report describing the legal framework of SMEs, relations between the prevailing economic situation and SMEs, problems identified in SMEs and then depicted in a cause-effect diagram (with additional description of their logical linkages wherever and whenever found to be necessary.), and SMEs promotional measures currently implemented or at the planning stage. 2. Discussion on SMEs with a comparative study of policies and measures while observing SMEs in different industries 3. Generation of SME promotional measures (draft) or action plans for their presentation and discussion 4. Prestudy about Japanese about the general picture of Japan's SME policies and their practical exercises. 	IMPLEMENTING PARTNER	PACIFIC RESOURCE EXCHANGE CENTER
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2005~2009
REMARKS		

Target Countries: Central and South America

11 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The applicable solutions for an appropriate and sustainable tourism development, which are harmonized with community and natural environment will be proposed.</p> <p>【Outputs】 (1)To acquire the overall knowledge on the basic ideas and conceptual frameworks, and world trends of sustainable tourism (2)To improve the analyzing capability on sustainable tourism development by extracting problems in terms of environmental, economical,socio-cultural and other aspects. (3)To obtain basic knowledge on policy and legal frame works, and learn practical methods and examples of the Government–Academia–Industry Collaboration. (4)To propose an action plan for accomplishing sustainable tourism in respective countries.</p>	<p>【Target Organizations】 Governmental Organization in charge of Tourism Development</p> <p>【Target Group】 (1)Supervisor/Senior level government officials engaged in tourism development administration (2)More than five (5) years of practical experience in the field of the tourism development (3)University graduate or equivalent</p>	
CONTENTS	PROGRAM PERIOD	Feb.24.2009～Mar.14.2009
<p>Preparatory phase: Participant should prepare a "Country Report" which describe the present situation or difficulties on tourism development.</p> <p>Curriculum in Japan: (1)Confirmation of basic ideas, conceptual frameworks, and world trends of sustainable tourism (2)Understanding on economic and socio-cultural impacts of tourism (3)Introduction on the national/regional policy on tourism, legal frame works, roles and significance of collaboration among public, university, and private sectors. * Various useful example will be introduced and discussed. (4)Proposal on action plans for accomplishing sustainable tourism in respective countries.</p>	IMPLEMENTING PARTNER	Center for Advanced Tourism Studies (CATS), Hokkaido University
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008～2010
	REMARKS	

Target Countries : South Eastern Europe


4 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>participants are expected to acquire insights of Japan's experience of well-collaborated support service provision based on the common standpoint between the prefectural and the municipal governments, specifically on standardized support services, provision procedures and networking strategies among the stakeholders. The purpose of this training is that participants prepare and share the proposal in order to improve the existing local industry or SMEs promotion policies / measures with their colleagues based on the knowledge which participants acquired through this training.</p> <p>At the end of the training, participants are expected to achieve the following objectives:</p> <ol style="list-style-type: none"> 1. to summarize the issues of local industry or SMEs promotion in the Job / Country Report, 2. to be able to explain the concept of Japan's local industry promotion, 3. to be able to explain the roles of different actors in promoting local industries, their networking efforts and the practical measures of local industry promotion that benefit the local enterprises through case study, 4. to formulate improvement plan of the existing local industry promotion measures and/or practices of the participants' countries, and 5. to share the improvement plan which you prepare in this training with your colleagues after this training within 2 months. 	<p>【Target Organizations】 Central and local governments as well as affiliated organizations which are engaged in the promotion of local industries/SMEs</p> <p>【Target Group】 (1) Officials who are responsible for local industry/SME promotion at central or local levels (2) Individuals with 5 years or more of experience in the subject field (3) Individuals with a sufficient command of written and spoken English to undergo the training</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jun.3.2008～Jul.13.2008</p>
<ol style="list-style-type: none"> 1. Presentation of Country Report 2. Overview of Japan's local industries (Lecture) 3. Overview of Japan's local industry promotion policies (Lecture) 4. Local industries and local business start-ups (Lecture & Observation) 5. Implementation of Japan's local industry promotion policy (Networking between private financial institutions and enterprises) (Lecture & Observation) 6. Implementation of Japan's local industry promotion policy (Networking among industry, academia and government) (Lecture & Observation) 7. Implementation of Japan's local industry promotion policy (Case of 3rd Sector) (Lecture & Observation) 8. Provision of support services on human resource (Lecture & Observation) development 9. SMEs' practices (Lecture & Observation) 10. Review session (Discussion) 11. Business planning for starting-up local industries (Discussion) 12. Drafting and presentation of Final Report 	<p>IMPLEMENTING PARTNER</p>	<p>Prefectural University of Hiroshima Hiroshima International Center</p>
	<p>JICA CENTER</p>	<p>JICA Chugoku</p>
	<p>COOPERATION PERIOD</p>	<p>2007～2009</p>
	<p>REMARKS</p>	

Target Countries: Arabic-speaking countries

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Formulating tourism promotional measures' plan to develop regions by officials working on tourism promotion for regional development at local government of Middle East region[goal for three years]</p> <p>【Outputs】 (1)1 Participants will be able to explain the role of policy and measures in tourism promotion for regional development based on Japanese cases (2)2 Participants will be able to point out the activity condition and issues of formulating organization control for tourism promotion on regional development (3)3 Participants will be able to formulate the action plan toward the tourism promotion for regional development through comparative discussion with Japan and participating countries' approach</p>	<p>【Target Organizations】 Department of tourism promotion for regional development on local government</p> <p>【Target Group】 officers working on the government, being responsible to tourism promotion.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Oct.1.2008～Nov.1.2008</p>
<p>(1)Fundamental lectures, Discussion and Site visit concerning <Public administration and Regulation for tourism><Utilization of tourism resources><Human resource development for tourism><Public information, Promotion> (2)Fundamental lectures, Discussion and Site visit concerning <Organizing of regidents for regional tourism promotion><Regional historic cultural heritage><Environment conservation for tourism development><Hospitality> (3)Fomuration, Presentation and Discussion concerning <Situatuin report><Action plan></p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	<p>Pacific Resource Exchange Center</p>
	<p style="text-align: center;">JICA CENTER</p>	<p>JICA Osaka</p>
	<p style="text-align: center;">COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p style="text-align: center;">REMARKS</p>	

Reinforcement of Micro, Small and Medium Enterprises Supporting Organization for African Countries アフリカ地域 中小零細企業支援機関育成		R/F  0884079
Target Countries: African Countries		Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
【Objectives】 To make a proposal for SMEs or Regional Industries supporting organizations to support SMEs more effectively. 【Outputs】 (1) To explain the difference about the concept of SMEs or Regional Development supporting organizations between participants' country and Japan. (2) To explain the regional development through establishment of Regional Brand and the role of the organization which support this activity. (3) To explain the regional development through One Village One Product and the role of the organization which support this activity. (4) To explain the regional development through the promotion of Traditional Industries and the role of the organization which support this activity. (5) To make the proposal for participants' organization to support SMEs or Regional Industries more effectively after this training.	【Target Organizations】 The organizations which support Micro, Small and Medium Enterprises or Regional Industries. 【Target Group】 (1) Administrators from the organizations which support Micro, Small and Medium Enterprises or Regional Industries. (2) Individuals with 3 years or more of experience in the subject field	
CONTENTS	PROGRAM PERIOD	Jan.6.2009～Mar.8.2009
(1) •Issue Analysis Workshop •Introduction of SMEs and Regional Development in Japan •The role of SMEs or Regional Development supporting organization in Japan (2) •To visit the case example of the Regional Brand that receive some support from organizations. •To visit the public or private SMEs or Regional Development supporting organizations (3) •Introduction of One Village One Product •To visit the case example of One Village One Product that receive some support from organizations. •To visit the public or private SMEs or Regional Development supporting organizations (4) •To visit the case example of promotion of Traditional Industries that receive some support from organizations. •To visit the public or private SMEs or Regional Development supporting organizations (5) •To review the past training and exchange ideas with the focus on preparing proposal •To write the proposal which is called Action Plan and to make a presentation	IMPLEMENTING PARTNER	Hiroshima Prefectural Govt., Hiroshima International Center
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2008～2010
	REMARKS	

Improvement of Policy Making and Administration System of Small & Medium Enterprises Development for Middle East Region 中東地域を対象とした中小企業振興施策		R/F  0884128
Target Countries: Saudi Arabia, Parestine, Jordan, Oman, Syria, Yemen, Egypt, Tunisia		Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
【Objectives】 The prepared policy proposal of SME promotion will be shared and considered between the participants' organization and its superior institution. 【Outputs】 (1) Report Preparation (2) Vision Finding Discussion (Reports Presentation) (3) Proposal making and Action Plan Making Orientation (4) Solution Finding Discussion and Making Proposal (5) Action Plan Presentation Meeting	【Target Organizations】 Central and Regional government agency for implementing and/or planning of public policy for promotion of small and medium-scale enterprises. 【Target Group】	
CONTENTS	PROGRAM PERIOD	Feb.2.2009～Mar.17.2009
(1) Applicants are requested to prepare reports (Job Report and Inception Report). These are necessary to clarify the SME related problems. (2) To promote the mutual understanding among the participants, each participant is expected to make a presentation based on his or her Job Report. After the presentation, the participants and the lecturers hold discussion to clarify each problems. (3) Through this training course, each participant or each country (organization) is expected to make Action Plan to improve the SME policy in each country (organization). (4) To solve SME-related problems in each country (organization), the solution finding discussion will be held between some experts and the participants. Based on the discussion, the participants will make a proposal to be submitted to the participant's organization. (5) The participants are requested to prepare Action Plan to be presented at the meeting. On this opportunity, the participants and the lecturers hold final discussion to polish up their Action Plan.	IMPLEMENTING PARTNER	Aichi Industrial Reserch Association
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008～2010
	REMARKS	

Target Countries: Central and South America

8 participants /

Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Formulating a final report to manage the policy and promotional measures for SMEs by officials working on government or implementing organizations for SMEs development, and the knowledge will be shared organizationally [goal for three years]</p> <p>【Outputs】 (1) Participants will be able to explain the role of policy and measures in the policy and promotional measures for SMEs development based on Japanese cases (2) Participants will be able to point out the role of SMEs implementing agency for promotional measures and Japanese current status or issues (3) Participants will be able to assess own country's status on business environment development through comparative discussion with Japan and participating countries' approach</p>	<p>【Target Organizations】 [Fix the target organization for three years]Government ministry, Local government and Implementing agency for SMEs development</p> <p>【Target Group】 (1) Officials who are responsible for local industry / SME promotion at central or local levels (2) Individuals with 3 years or more of experience in the subject field</p>	
CONTENTS	PROGRAM PERIOD	Nov.11.2008～Dec.21.2008
<p>(1) Fundamental lectures, Discussion and Site visit concerning <SMEs policy system><Structure of Government and Local government><SMEs Registered Management Consultant system>< Industry-Government-Academia partnership><Credit guarantee program><uncollateralized loan system ></p> <p>(2) Fundamental lectures, Discussion and Site visit concerning <Governmental implementing agency's activities><Local governmental implementing agency's activities><Role of chamber of commerce and industry><Financial assistance for SMEs><Technical assistance for SMEs><Internationalization assistance for SMEs></p> <p>(3) Fomuration, Presentation and Discussion concerning <Situatuin report><Final report></p>	IMPLEMENTING PARTNER	Hiroshima International Center
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2008～2010
	REMARKS	

Target Countries : Latin American countries

9 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To diversify the potential of exports to the Asian market, pragmatic knowledge on the market preferences and understanding of the trade-related system (distribution, legal system etc.) are beneficial areas of knowledge to exporters. This training course focuses on the exploration of potential food exports from Central American countries to the Asian market, especially the Japanese market. The participants of this course are expected to reach the following goals by the end of this training in Japan:</p> <p>(1) To understand the trading system and preferences in the Asian market through the observation of Japanese food market (2) To recognize the strengths and weakness of own food products in view of the Asian market (3) To strategize the promotion and marketing tactics of particular food products</p>	<p>The targeted participants will be a combination of:</p> <p>(1) Government officials in direct charge of trade promotion for the Asian market (2) Officials in the private sector (preferably individuals who belong to chambers of commerce, exporter's associations etc) Preferably, the two types of officials above should engage in a partnership in organizing trade-related events, etc.</p>	
CONTENTS	PROGRAM PERIOD	Feb.16.2009～Mar.20.2009
<p>■ Discussion - Participating country presentation based on SWOT analysis on selected food products</p> <p>■ Lectures - Introduction to Japanese market (lectures) Characteristics of Japanese market Characteristics of Japanese consumer behavior and its patterns, etc. - Japanese trading system and environment (lectures) Role of trading companies Administrative process for imports at the airport Importance of product development (PR, packaging etc)</p> <p>■ Observation FOODEX JAPAN (exhibition event for food products) Exporting companies, etc.</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2006～2008
	REMARKS	<p>This training program requires the preparation of SWOT analysis on one particular export product prior to training.</p>

Target Countries: East and South Africa


6 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The participants are expected to formulate an action plan for promotion of foreign trade and investment within IOR economic region.</p> <p>【Outputs】 To achieve this objective, participants are expected; (1) To understand measures and policies required to promote foreign trade and investment (2) To understand dynamism of IOR economic region and success and lessons of IOR countries regarding attraction of foreign investment</p> <p>Especially in 3rd country phase in Malaysia, participants are expected; (1) To pursuit possibility of strengthening of economic relationship with Malaysia as a case example of IOR country (2) To understand reality of concept and knowledge this is learnt in core phase in Japan.</p>	<p>【Target Organizations】 This program is designed for the public organization in charge of trade and investment as well as industrial policies. The organization should be responsible for selecting the appropriate candidates for the whole period of technical assistance according to the curriculum given by JICA. Participants of the same organization of respective country from 1st-year to 3rd-year are expected to work together so that the organization will be able to develop the know-how as institutional memory and effectively introduce measures aiming at improving the economic relationship with countries around Indian Ocean.</p> <p>【Target Group】 1) Current Duties: be a division head/senior level officer (under Department Director) The selected two participants from the same country are expected to work in partnership to implement action plan after the program. 2) Educational Background: be a graduate of university and/or those who have equivalent academic knowledge and/or professional experiences</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.17.2008～Sep.6.2008</p>
<p>【Preliminary Phase in a participant's home country】 (1) Two selected participants for 2008 will get in touch with the 1st-year and 2nd-year participants, (2) Inherit the outcome of the training program from the 1st-year and 2nd-year participants and the "Action Plan" which they made. (3) Based on the discussions with the 1st-year and 2nd-year participants and the Action Plans, the selected participants will co-write a report</p> <p>【Core Phase in Japan】 (1) Lectures and visits on measures and policies required to promote foreign trade and investment (2) Lectures on dynamism of IOR economic region and success and lessons of IOR countries regarding attraction of foreign investment (3) Formulation of Action Plan</p> <p>【Third Country Phase in Malaysia】 (1) Trade and investment policy of Malaysia (2) Economic relationship between Malaysia and African IOR countries</p> <p>【Finalization Phase in a participant's home country】 Application and implementation of the action plan back in the participant's country and submission of report on its progress</p>	<p>IMPLEMENTING PARTNER</p>	<p>Kobe University, Kobe International Center for Corporation and Communication</p>
	<p>JICA CENTER</p>	<p>JICA Hyogo</p>
	<p>COOPERATION PERIOD</p>	<p>2006～2008</p>
	<p>REMARKS</p>	<p>Total 6 people from the same organization, 2 for each year, are expected to be involved in the project.</p>

Target Countries: APEC member nations

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objectives of this seminar are to enable the government officials who deal with trade policies, WTO, FTA, and ETA alike to enhance their practical skills for international economic analysis and negotiation. In developing nations, the lack of abilities for implementation of international frameworks and trade facilitation is a major concern. Therefore, this program will enable the government officials of developing nations to:</p> <ol style="list-style-type: none"> 1. Enhance analytical skills for trade indicators 2. Deepen understanding of international frameworks 3. Deepen understanding of current trade negotiations 4. Make a proposal for impacts and solutions related to present international trade issues. 	<p>(1) Government officials engaged in the work of negotiations on trade policies, WTO, FTA, EPA (2) Over thirty (30) but under forty-five (45) years of age, etc.</p>	
CONTENTS	PROGRAM PERIOD	Nov.16.2008～Nov.29.2008
<p>The following subjects will be covered in this program in the form of lectures, discussion, role playing, and presentation:</p> <ol style="list-style-type: none"> (1) Trade system, WTO agreement (2) Trade data analysis (3) International frameworks (proper trade remedies, disputes and disputes settlements, fair trade rules, intellectual properties, etc.) and case studies (4) Trade negotiation (role playing, coalition building, fast track case, agricultural negotiation) (5) Lectures and consultation for making a proposal (6) Presentations and discussions of participants 	IMPLEMENTING PARTNER	Fair Trade Center Institute for International Trade and Investment
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	

Strengthening of Market Competitiveness of Agricultural Products in the African Countries アフリカ地域農産物輸出競争力強化		R/F 	0884206
Target Countries: Africa		Agricultural/Rural Private Sector Development—Trade and Investment Development—Other Agricultural/Rural Development 9 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Course objective: Personnel in private sector and related official understand the know-how to product, market and distribute the high value added agricultural products, so as to improve related system for targeting global agricultural products market.</p> <p>Achievements:</p> <ol style="list-style-type: none"> 1) To understand system and techniques of high value added agricultural production and processing 2) To understand system of standard/certification of agricultural products 3) To understand quarantine system in Japan 4) To compile Joint Action Plan to strength market competitiveness of agricultural product in Africa for targeting global market 	<p>【Target Organizations】</p> <ol style="list-style-type: none"> 1) Economic federation/union in private sector on production, marketing and distribution of agricultural products 2) Governmental organizations or related administrative agencies for activating the above federation/union <p>【Target Group】</p> <ol style="list-style-type: none"> 1) Managing staff in Economic federation/union in private sector 2) Specialist on governmental organizations or related administrative agencies 		
CONTENTS	PROGRAM PERIOD	Feb.15.2009～Feb.28.2009	
<ol style="list-style-type: none"> 1) Distribution of agricultural products, Agricultural processing, Productive cooperative or union, Food security, Traceability 2) Standard/certification/indication, Traceability, Food security 3) Food security including risk analysis, Plant quarantine system, Risk Analysis 4) Making of Action Plan (Strategy Paper) 	IMPLEMENTING PARTNER	Under Planning	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

Target Countries: Central and South America

10 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The specific problem areas and tactical goals, which are characterized by the local environment, for developing new ventures and promoting SMEs will be clearly identified by implementing the "Support Model".</p> <p>【Outcome】 Each participant will develop a "Support Model" to help SMEs upgrade their management level; based on the local environment and his/her own prioritized service areas, as well as adapting modules selected from Japanese experiences. In addition, an "Action Plan" will be summarized and presented for the implementation in his/her organization after training.</p>	<p>【Target Organizations】 Organizations that support the development and promotion of local SMEs: a) Administrative organizations to facilitate the development and promotion of local industries, b) Financial organizations and public institutions for supporting local SMEs, c) Service providing organizations for SMEs, e.g. researching, consulting and training organizations.</p> <p>【Target Group】 1) Facilitators working in public organizations for supporting and supervising local SMEs, 2) Service providers specializing in helping individuals and/or groups of small scale industries solve their managerial problems, 3) Individuals with more than five (5) years of practical experience in this field, 4) University graduates, or with an equivalent level of knowledge or professional experience; and 5) Individuals with a sufficient command of English in speaking, listening and writing.</p>	
CONTENTS	PROGRAM PERIOD	Oct.13.2008～Dec.13.2008
<p>1. Mutual study led by participants Participants will take initiatives to organize the following studies: 1) Job Report presentation and discussion 2) Action Plan formulation, presentation and discussion</p> <p>2. Study of Japanese experiences Studies of various Japanese experiences, together with participants' own experience and those of exchanging ideas with other participants, will be used as the core information for developing a "Support Model" for upgrading the management level of SMEs. 1) Basic principles of management practice in SMEs, 2) Possible problem areas in the planning stage of new ventures and measures to prevent business failures, 3) A diagnostic approach for the start-up stage to accelerate businesses operations, 4) Various Kaizen activities to improve daily operations in the sustaining stage of business, and 5) The industrial and economic structure of Japan, and policy and measures of SMEs promotion.</p>	IMPLEMENTING PARTNER	Central Japan Industries Association
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2007～2009
	REMARKS	

Target Countries: Central America

12 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The training course aims to promote industrial development in respective countries and states through joint participation from the public and private sectors, which is expected to trigger a synergistic effect of administrative support and self-help efforts by enterprises.</p> <p>Participants will learn the following measures from the Japanese experience: (1) Measures to promote regional industrial development by SMEs, which play a vital role in supporting industries rooted in states or regions, by gaining stronger competitiveness, as well as strengthening cooperation among enterprises by institutionalization (cooperative association). (2) Measures for public organizations to provide appropriate administrative support to the respective industries.</p>	<p>【Target Organizations】 Ministries in charge of SMEs, cooperative associations</p> <p>【Target Group】 Official: Officials in charge of SMEs in central or local government Private: Top officials in cooperative associations of priority industries (if there is no cooperative association, top officials in the company which plays the leader's role) Individuals with more than 3 years experience</p>	
CONTENTS	PROGRAM PERIOD	Aug.31.2008～Sep.27.2008
<p>(1) Presentation of situation report and setting of own tasks (2) Lectures: Technical innovation, marketing, operational statistic's of the company, importance of the organization of companies (3) Discussion: Comparison between the operation in own country and in Japan, application of Japanese cases in own country</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2007～2009
	REMARKS	

Target Countries : South-Eastern Europe


13 participants


English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The seminar is so designed as to help government officials developing and promoting SMEs in the participating countries explore possibilities of resolving issues identified in the existing situation that surrounds SMEs. And it also to help to consider ways to apply SME policy in respective countries by gaining a firm understanding of history and current state of Japanese SME policy.</p> <p>【Outputs】 To make participants: 1) able to explain the outline of SMEs promotional policies and measure's role refer to Japanese case, 2) able to point out the Japanese current situation and challenges of SME promotional Implementing agencies' role and utilization of promotional measures, 3) able to consider ways to utilize Japan's SME policies to their countries SME promotion policies.</p>	<p>【Target Organizations】 Governmental organizations in charge of the formulation of policies for SME promotion.</p> <p>【Target Group】 (1) Officials whose activities are targeted at promoting SMEs (2) Experience: At least 3 years in the relevant field (3) Age: under 45 (4) Individuals who will work in the related field continuously, and can implement the achievements of the seminar.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Nov.17.2008~Dec.13.2008</p>
<p>Learning and Dialogue (1) Presentation of Situation Report (2) Japan's economy and South-Eastern Europe Countries (3) Japan's business relationship with South-Eastern Europe Countries (4) Importance of SMEs Development and Promotion (5) Characterizing Japanese corporate management (6) Defining SMEs in Japan and their role (7) Japan's SMEs Promotion Policy (8) Focusing on Japan's business relationship with the participating countries for further expansion (9) Action Plan Generation and Presentation</p>	<p>IMPLEMENTING PARTNER</p>	<p>PACIFIC RESOURCE EXCHANGE CENTER</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Discussions about tourism promotion centered around East-West Corridors and attraction of tourists to the area will be held.</p> <p>【Outputs】 (1) To formulate action plan for tourism promotion in participants' own countries with utilizing lessons from Japanese examples and discussions among participants (2) To understand Japan's tourism promotion policies. (3) To discuss about attraction of tourists including Japanese tourists (4) To understand sustainable tourism promotion, from examples in Japan</p>	<p>【Target Organizations】 National or Local governmental organization in charge of tourism promotion</p> <p>【Target Group】 Officials in the position of decision-making in above mentioned organizations.</p>	
CONTENTS	PROGRAM PERIOD	Mar.1.2009~Mar.20.2009
<p>(1) Presentation: Present Situation and Issues of Tourism Promotion in participants' respective countries Discussion: Strategy for the regional tourism promotion Practice: Planning of model course for area tourism (2) Observation: Actual activities of tourism promotion in local areas, One Village One Product Activities (3) Visit: Visit Japan HQ Secretariat, Tourism Companies Discussion: Promotion for Japanese tourist (4) Observation/Lecture: Examples of tourism environmentally friendly promotion</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	


12. Agricultural/ Rural Development


Mycotoxin Inspection in Food マイコトキシン検査技術		GROUP 	0880001
Agricultural/Rural Development—Other Agricultural/Rural Development Issues Health —Health System			
OBJECTIVE		TARGET ORGANIZATION / GROUP	
The purpose of the program is to enable the participants to understand the basic knowledge and techniques for the control and management of mycotoxins. After this program, they are expected to be able to apply them in their respective countries.		【Target Organizations】 Food inspection organization in developing countries 【Target Group】 Technical officers or inspectors presently engaged in food inspection with at least 3 years of experience	
CONTENTS		PROGRAM PERIOD	Jan.26.2009～May.9.2009
Lectures: (1) Food sanitation law and food inspection (2) General view of mycotoxins (3) Introduction to fungi (4) Isolation and identification of fungi (5) Aspergillus flavus contamination of groundnuts and maize (6) Fusarium contamination of wheat and maize (7) Sampling for mycotoxins (8) Analysis of mycotoxins (9) Control of mycotoxins (10) Analysis of food preservatives Practical exercises: (1) Method of the isolation and identification of mycotoxins-producing fungi (2) Analysis of mycotoxins such as aflatoxins and fusarium mycotoxins (3) Analysis of food preservatives	IMPLEMENTING PARTNER	KOBE INSTITUTE OF HEALTH, NAGOYA CITY PUBLIC HEALTH INSTITUTE	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005～2009	
	REMARKS		


Agrobiotechnology アグロバイオテクノロジー		GROUP 	0880003
Agricultural/Rural Development—Agricultural Development			
OBJECTIVE		TARGET ORGANIZATION / GROUP	
The purpose of the program is to enable experts to make the best use of bio-resources in the field of agrobiotechnology (livestock, higher plants, microorganisms) in which continuous technological innovations and higher applicability are expected in the near future. (1) To understand fundamental principles in biotechnology (2) To understand the general situation of biotechnology and its application (3) To acquire fundamental and experimental methods for biotechnology by screening, identification, molecular breeding and gene manipulation of microorganisms from the environment and type cultures (4) To acquire fundamental and experimental methods for biotechnology by tissue culture, cell fusion, genetic and cellular engineering of animals and plants (5) To obtain a general ability to select suitable biotechniques applicable in each country		【Target Organizations】 Research institute for microbiology and higher animals/plants 【Target Group】 (1) be nominated by their government in accordance (2) be presently engaged in research work in microorganisms, livestock and higher plants and have more than three (3) years of occupational experience in these fields, (3) be university graduates or equivalent, (4) be proficient in spoken and written English,	
CONTENTS		PROGRAM PERIOD	Mar.16.2009～Aug.8.2009
Lectures/laboratory works: General review of biotechnology, clones and propagation of animals and plants, gene mapping by molecular markers in programs for breeding microorganisms, stress response and cellular signal transduction, genetic engineering, screening of immunopotential activities in food components, diagnostic analysis of pathogenic bacteria, bio-remediation of environmental contaminants by microorganisms and their screenings and genetic modifications, conservation and sustainable development	IMPLEMENTING PARTNER	FACULTY OF AGRICULTURE, KOBE UNIVERSITY	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005～2009	
	REMARKS		


Pasture Based Livestock Farming Development 草地畜産開発		GROUP  0880025
Agricultural/Rural Development—Agricultural Development		
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this training program is to transfer knowledge and skills on pasture based livestock farming to technical officials in charge of the livestock industry in their own countries. Participants are expected to acquire knowledge and skills on various aspects of pasture management and utilization, forage crops production and utilization, animal nutrition and feed, animal feeding management, etc. It should be emphasized that the program will train leading technical experts in charge of rural development through pasture based livestock farming. Through the training program, participants are expected:</p> <ol style="list-style-type: none"> 1. To understand integrated knowledge and skills on pasture based livestock farming, and be able to plan livestock industry development policy suitable for the area condition, 2. To understand pasture management and utilization, and be able to practice and guide suitable pasture management and utilization for the area condition, 3. To understand forage crops production and processing, and to be able to apply the result to the effective utilization of forage crops, 4. To understand nutrition and feed, and to be able to apply the result to designing feeding, 5. To understand animal feeding management, and to be able to practice and guide suitable animal feeding management for the area condition. 	<p>(1) Individuals employed by a public organization and engaged in administration, extension and/or research work in the livestock industry, with at least 3 years of work experience in pasture and forage crops production and management (2) Age: Under 45 years old, (3) University graduates or with equivalent academic background,</p>	
CONTENTS	PROGRAM PERIOD	Apr.8.2008~Aug.16.2008
<p>This program consists mainly of lectures and practical training given by the NLBC staff and visiting professionals, and trips to study pasture management, forage crops production, etc. The main study and training subjects are as follows:</p> <ol style="list-style-type: none"> (1) Outline of the livestock industry (2) Planning pasture based livestock farming/technical extension (3) Pasture management and utilization (4) Production and utilization of forage crops (5) Seeds production (6) Animal nutrition (7) Feed analysis (8) Animal feeding management 	IMPLEMENTING PARTNER	NATIONAL LIVESTOCK BREEDING CENTER
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2005~2009
	REMARKS	


Veterinary Technology for Farm Animals 産業動物の獣医技術		GROUP  0880213
Agricultural/Rural Development—Agricultural Development		
		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The level of participants' knowledge and techniques of veterinary medicine (mainly for cattle) will be improved.</p> <p>To reach the objective, the participants are expected to achieve the following:</p> <ol style="list-style-type: none"> (1) To improve clinical techniques of diagnosis and treatment (internal medicine, surgery and reproduction) of frequent diseases of farm animals (mainly cattle) (2) To improve control measures against infectious diseases and herd infection (3) To learn about sanitation management such as meat inspection, food sanitation and veterinary public health for supply of safe animal products (4) To learn about veterinary administration in Japan, present situation of educational research and role of veterinarians in animal husbandry 	<p>(1) University graduates in veterinary medicine and those qualified as veterinarian (2) Leading veterinarians who handle farm animals (mainly cattle) (3) At least 5 years of practical experience</p>	
CONTENTS	PROGRAM PERIOD	Aug.12.2008~Nov.22.2008
<p>Preparatory Phase: Present job activities and issues concerning farm animals are described in the job report</p> <p>Curriculum in Japan:</p> <ol style="list-style-type: none"> (1) Lectures: - Veterinary administration in Hokkaido and Japan, - Feeding management, - Embryo transfer, - Internal medicine, surgery and reproduction of farm animals, - Prevention and control of mastitis in cattle, - Livestock sanitation, - Prevention and control of infectious and parasitic diseases, - Public health, (2) Practical exercises: - Medical examination techniques and nutrition management guidance for cattle, - Clinical examination and treatment (internal medicine, surgery and reproduction) of farm animals, - Bacteriological examination, diagnosis and treatment of mastitis, - Examination and diagnosis of infectious diseases, - Diagnostic techniques of zoonotic diseases, - Meat inspection, - Writing action plan, etc. (3) Observations: - Dairy farms, - Veterinary clinic and small animal clinic, - Meat inspection office, - Livestock hygiene service center, - Facilities related to livestock, - Educational and research institutions, etc. 	IMPLEMENTING PARTNER	HOKKAIDO VETERINARY MEDICAL ASSOCIATION
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2010
	REMARKS	


Utilization and Preservation Techniques for Animal Products 畜産物の利用と保蔵技術		GROUP 	0880218
Agricultural/Rural Development—Other Agricultural/Rural Development Issues			
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources capable of increase the added value of foods by maintaining the quality of animal products and improving food safety in their countries.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <p>(1) To be able to explain livestock fattening and slaughtering techniques and acquire advanced theories about meat science and food hygiene</p> <p>(2) To be able to utilize processing and preservation techniques through the hygienic handling of animal products</p> <p>(3) Appropriate measures can be taken in improving their own sanitary control systems after returning home</p>	<p>【Target Organizations】 Official institutions that are engaged in the animal product processing industry or in food science</p> <p>【Target Group】</p> <p>(1) Technical experts or researchers</p> <p>(2) Age: Preferably under 35 years old</p> <p>(3) Individuals able to handle and eat pork meat (as the practice includes making and tasting pork products)</p>		
CONTENTS	PROGRAM PERIOD	Feb. 17. 2009 ~ May 23. 2009	
<p>Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason.</p> <p>Program in Japan: This course consists of the following contents.</p> <p>(1) Fattening techniques (production and preparation of feed, physiology of meat and fattening techniques), Slaughtering and carcass dressing, Meat science (meat quality inspection & analysis of meat substance), Food hygiene (properties of milk products, production and hygiene of milk and milk products)</p> <p>(2) Processing techniques: Basics of meat processing, Production and processing of animal products, Utilization of animal by-products. Preservation techniques: Analysis of special ingredients, Food additives, Food packaging materials</p> <p>(3) Outline and system of traceability of beef in Japan, Safety of meat and processed meat products, Food hygiene and HACCP</p> <p>(4) To make a concrete action plan which describes the project objectives, outputs, major activities, etc. after returning home country</p>	IMPLEMENTING PARTNER	Obihiro Univ. of Agricult. & Veterinary Medicine	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Participants should be able to handle and eat pork meat (as practice includes making and tasting pork products).	


The Course for IT System Techniques for Agriculture 農業のITシステム化技術		GROUP 	0880220
Agricultural/Rural Development—Agricultural Policy and System Information and Communication Technology—Information and Communication Technology			
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources capable of agricultural development in their countries by understanding the functions of agricultural information systems and by processing information especially with a spreadsheet and database.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <p>(1) To be able to explain the functions and benefits of agricultural information network systems</p> <p>(2) To be able to utilize database architecture skills concerning the agriculture and livestock industry using Microsoft Access</p> <p>(3) To be able to utilize data processing and data analysis skills using Microsoft Excel</p>	<p>【Target Organizations】 Official institutions, which collect and process agricultural data such as weather conditions, soil analysis, and planting conditions using computers and provide them for people related to agriculture.</p> <p>【Target Group】</p> <p>(1) Individuals who have positions in have three years of experience in this field.</p> <p>(2) Individuals who possess basic computer skills, sufficient experience in information processing through the use of spreadsheet software, and have a deep interest in computer programming.</p>		
CONTENTS	PROGRAM PERIOD	Jan. 18. 2009 ~ Apr. 23. 2009	
<p>Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest, reasons, and individual tasks</p> <p>Program in Japan: This course consists of lectures, practical exercise, observation and discussion of the following contents.</p> <p>(1) Outline of agricultural related information processing: Information security and the operation and management of systems, local area network system, etc.</p> <p>(2) Acquiring individual database architecture by Microsoft Access.</p> <p>(3) Microsoft Excel VBA coding, data-file processing techniques and individual tasks.</p> <p>(4) To make a concrete action plan which describes the project objectives, outputs, major activities, etc. after returning home country</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine Fujitsu Hokkaido Systems Ltd.	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


Food Processing and Preservation Technology 食品加工・保全技術		GROUP  0880227
Agricultural/Rural Development—Other Agricultural/Rural Development Issues		
Target Countries : Asia		3 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Participants will enhance their capabilities to develop and produce processed foods of high quality and added value, utilizing agricultural resources in their own countries. To attain the objective, participants are expected to achieve the following: 1) To understand the legal and administrative systems on food processing and preservation in Japan 2) To understand the technologies of food processing and preservation in Japan 3) To understand the situation regarding the research and development, production and distribution of food products in Japan, and to clarify issues in their own countries by comparison with Japan 4) To acquire practical skills and techniques for proper food processing and preservation	(1) Researchers or technical staff in research institutes related to food processing and preservation (2) Capable of conducting basic chemical experiments (e.g. operation of a balance/pH meter, preparation of acid/alkaline reagents, etc.) (3) Individuals with a university degree or equivalent in a science program (4) Individuals with a sufficient command of written and spoken English	
CONTENTS	PROGRAM PERIOD	Jan.9.2009~Mar.19.2009
1. General training: All participants will receive the training as follows: 1) Lectures on legal/administrative systems and technologies on food processing and preservation in Japan 2) Observation tours to food-related facilities (factories, research institutes, etc.) 2. Practical training: All participants should acquire techniques and knowledge related with 4 topics. (which vary every year): I Agricultural food processing: Topic 1. Topic 1. Acquisition of the basic theory of analytical and evaluating methods and the analytical techniques of grains Topic 2. Training on production and evaluation techniques of foods processed from starch crops Topic 3. Training on saccharification of rice and manufacturing test of a sweet alcoholic Japanese drink called amazake using enzyme Topic 4. Training on the search for useful acidophilus and the application to the food	IMPLEMENTING PARTNER	Hiroshima International Center
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2006~2010
	REMARKS	The training period has not been fixed yet.


Organic Agriculture Technology for Environment Conservation 環境保全型有機農業技術		GROUP  0880724
Agricultural/Rural Development—Agricultural Development		
		15 participants / English・Japa
OBJECTIVE	TARGET ORGANIZATION / GROUP	
[Objective] The participants will obtain knowledge and techniques of organic agriculture for environmental conservation, and will be able to make a plan for extension of organic agriculture for environment conservation. [Expected Results] To reach the objectives, participants are expected to achieve the following: (1) To acquire knowledge and techniques of organic agriculture, (2) To study Japanese experiences and traditional techniques of agricultural development and examine their possible applications to respective countries, and (3) To make an applicable Action Plan for the extension of organic agriculture in the participant's country.	[Target Organizations] Government organization, NGO, and individual farmers engaging in agricultural activity at a field level [Target Group] (1) Individuals engaging in agricultural activity at a field level with at least 2 years of work experience in their specialties (2) Individuals in good health, both physically and mentally, to undergo the course of rigorous training	
CONTENTS	PROGRAM PERIOD	Feb.2009~Nov.2009
1. History of agriculture History of rice farming and organic agriculture in Japan / Diffusion of chemical fertilizer and its negative effect / Global food situation / Rural development worldwide 2. Environment conservation in agriculture Current situation of aquatic contamination and its relation with agriculture, techniques for water quality improvement / Current situation of ground pollution and its countermeasures and mechanism / Biomass resources -Character, variety and potential 3. Techniques of organic agriculture for environmental conservation Land Improvement / Insect Pest Control / Organic Agriculture Techniques 4. Rural development in Japan History of rural development in Japan / Marketing and distribution of agricultural goods / Farmer organization and institution-building 5. Formulation and presentation of Action Plans	IMPLEMENTING PARTNER	OISCA
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2007~2009
	REMARKS	


Soil Diagnosis and Conservation 土壌の診断と保全コース		GROUP 	0880850
Agricultural/Rural Development—Agricultural Development			
		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources capable of proposing soil improvement and environmental preservation considering sustainable agriculture.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <p>(1) To be able to explain how agriculture is related to meteorological conditions, topography and soil</p> <p>(2) To be able to utilize the general concept and methods of soil diagnosis for the stable and high quality productivity of agricultural products</p> <p>(3) To be able to utilize the general concept and methods of suitable management for agricultural environment to attain sustainable agriculture</p>	<p>【Target Organizations】 Ministry of Agriculture etc. that are related to Soil diagnosis and conservation</p> <p>【Target Group】</p> <p>1) Individuals who are able to contribute to sustainable agriculture production and are presently engaged in the field of soil diagnosis and soil analysis with at least 2 years of experience</p> <p>2) Age: be over twenty-five (25) and under forty (40) years of age</p> <p>3) Not be pregnant due to many field works</p>		
CONTENTS	PROGRAM PERIOD	May 13. 2008 ~ Aug. 3. 2008	
<p>Preparatory phase: To submit a job report, which includes an introduction of work, problems faced in the participant's country and fields of particular interest and the reason, as well as a questionnaire</p> <p>Program in Japan: This course consists of the following contents. This course consists of lectures, practical exercise, observation and discussion of the following contents.</p> <p>(1) Outline of agriculture in Japan, Formation of soil</p> <p>(2) Theory of soil diagnosis, Soil profile survey, Sampling Soil map making, Application of soil diagnosis, Method of soil analysis for chemical properties and its application, Physical properties of soil and its application</p> <p>(3) Water quality analysis, Heavy metal pollution of soils in Soil improvement techniques</p> <p>(4) To make a concrete action plan which describes project objectives, outputs, major activities, etc. after returning home country</p>	IMPLEMENTING PARTNER	Obihiro university of agriculture and veterinary medicine, Agricultural experiment stations	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2004~2008	
	REMARKS		


Vegetable Cultivation Technology 野菜栽培技術		GROUP 	0880858
Agricultural/Rural Development—Agricultural Development			
		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 The purpose of this program is to provide participants with knowledge and technology related to practical vegetable cultivation in Japan, thereby helping them to promote vegetable production in their respective countries.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>【Outputs】</p> <p>(1) vegetable cultivation technology for high yield and quality;</p> <p>(2) vegetable seed production technology;</p> <p>(3) technology of vegetable production in sustainable agriculture</p> <p>(4) experiments, report making and presentation</p> <p>(5) socio-economics in vegetable production</p> <p>(6) problem analysis and action plan making</p>	<p>Applicants should:</p> <p>1) be presently engaged in vegetable production as researchers, training instructors or extension officers with occupational experience of more than three years experience,</p> <p>2) be university graduates or have an equivalent academic background, not be doctorate holders,</p> <p>3) be over 25 and under 40 years of age,</p> <p>4) be in good health to undergo the course of training.</p> <p>5) be recommended by the Embassy of Japan or JICA Office in respective countries, (person who participate (or will participate) in JICA's Program or Project is highly recommended)</p>		
CONTENTS	PROGRAM PERIOD	Feb.8.2009~Nov.14.2009	
<p>This program includes lectures, experiments (using JICA Tsukuba experimental infrastructure), study tours and discussion</p> <p>(1) Vegetable cultivation technology for high yield and quality</p> <p>a) Raising seedlings b) Soil science and plant nutrition c) Plant physiology</p> <p>d) Pests and diseases control e) Vegetable cultivation</p> <p>(2) Vegetable seed production technology;</p> <p>a) Breeding b) Seed technology c) Seed production of major</p> <p>(3) Technology of vegetable production in sustainable agriculture</p> <p>a) Crop rotation b) Use of organic materials c) Biological control lectures</p> <p>(4) Experiments, report making and presentation</p> <p>(5) Socio-economics in vegetable production</p> <p>a) Activities of agricultural cooperatives b) Extension activities</p> <p>c) Distribution of vegetables</p> <p>(6) Problem analysis and action plan making</p> <p>Experimental methods, statistical analysis, report-making</p>	IMPLEMENTING PARTNER	Appropriate Agriculture International Co., Ltd. (AAI)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2004~2008	
	REMARKS	<p>•Including the intensive Japanese language lessons (27.5 hours).</p> <p>•Participants will individually conduct individual experiments related to their plan mentioned in Application Report and Inception Report.</p>	


Research on Veterinary Technology 獣医技術研究		GROUP  0880866
Agricultural/Rural Development—Agricultural Development		
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to enable veterinarians who are presently engaged in research activities to play a leading role in the development of animal health technology to raise the productivity of the animal industry in their respective countries.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1. To acquire comprehensive knowledge about the present technical situation, which is necessary to carry out research in the field of animal health 2. To learn advanced technologies required for diagnostics and preventive methods of animal diseases 3. To learn how to analyze and interpret data obtained from research in order to compile and present a report 	<ol style="list-style-type: none"> (1) Individuals presently engaged in the research activities on animal health. (2) Individuals with at least 5 years of experience in a related field (3) Age: 25-40 years old (4) University graduates or with equivalent knowledge (5) With veterinary 	
CONTENTS	PROGRAM PERIOD	Mar.24.2009~Oct.17.2009
<ol style="list-style-type: none"> 1. Lectures (in groups) on animal health technology and research methodology (3 weeks) 2. Field trips to research institutes and the livestock hygiene service centers, etc. (10 days) 3. Individual research training at the laboratory (5 months). Participants will train and conduct research on one subject selected out of the several subjects prepared by the Training Institutions. Those subjects will be described in other information about the program (General Information). Typical examples include molecular, immunohistochemical and electron microscopic diagnosis on infectious diseases of domestic animals. <p>(1) Acquire comprehensive knowledge</p>	IMPLEMENTING PARTNER	NATIONAL INSTITUTE OF ANIMAL HEALTH (NIAH)
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2004~2008
	REMARKS	


Low Input Agricultural Management System 低投入型農業生産管理システム		GROUP  0880900
Agricultural/Rural Development—Agricultural Development		
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To develop human resources capable of establish optimum mechanized production systems according to agricultural techniques, field environments and management scales of developing countries and who can provide guidance on low input agricultural production that exerts little burden on the environment.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <ol style="list-style-type: none"> (1) To be able to explain the importance of low input agricultural management system (2) To understand the analytical determination method for the field environment and draw field environment maps (3) To make plans on introducing agricultural machinery which is suitable for each country of the participants (4) To make plans for the production system of low input agricultural management, which is suitable for each country of participants 	<p>【Target Organizations】 Ministry of Agriculture etc. that are related to guidance and dissemination of sustainable agricultural systems, crop cultivation and agricultural machinery</p> <p>【Target Group】 1) Engineers or educators with at least 3 years of experience in the field 2) Not pregnant, because this program includes considerable field work</p>	
CONTENTS	PROGRAM PERIOD	Jul. 21. 2008 ~ Nov. 5. 2008
<p>Preparatory phase: To submit a job report with an introduction of work, problems faced in the participant's country, fields of interest and the reason.</p> <p>Program in Japan: This course consists of lectures, practical exercise, observation and discussion of the following contents.</p> <ol style="list-style-type: none"> (1) General view on low input agriculture, Environmental contamination, Biomass energy (2) Basics of information management methods, Analysis method and measurement of field environments, basic knowledge and measuring method of meteorological factors, basics of crop growth measurement, advanced technology for field environmental measurement, management and utilization of information on field environment, Environmental conservation agriculture (3) Means of efficient agricultural production, field environment and agricultural production, introduction of agricultural machinery for low input control, improvement method for field environment (4) Utilization and effect of systems, evaluation method concerning the profitability, evaluation, improvement and environmental effect of production systems (5) To make a concrete action plan 	IMPLEMENTING PARTNER	Obihiro Univ. of Agriculture & Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2004~2008
	REMARKS	


Agricultural Infrastructure Improvement in Upland Crops Area 畑地帯における農業基盤整備		GROUP  0880903
		Agricultural/Rural Development—Agricultural Development
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To develop human resources capable of making pertinent suggestions regarding comprehensive agricultural infrastructure improvement and rural development in their own countries. To attain the objective, participants are expected to achieve the following: (1) To be able to explain the actual situation and legal system on land improvement projects (2) To be able to utilize the theory of planning and design on land improvement projects (3) To be able to utilize the construction management technology on land improvement projects (4) To be able to make ideas of agricultural infrastructure improvement, along with the situation in the participants' countries	【Target Organizations】 Agricultural organization relating irrigation, drainage, agricultural land improvement, disaster prevention in upland crops area. 【Target Group】 1) Engineers with experience in surveying, planning, construction management or infrastructure management for land improvement (irrigation, drainage, agricultural land improvement, disaster prevention) in dry field farming 2) Individuals with at least 3 years of practical experience in the above-mentioned field	
CONTENTS	PROGRAM PERIOD	May 27. 2008 ~ Aug. 18. 2008
Preparatory phase: To submit a job report. Program in Japan: This course consists of the following contents. (1) Outline of agriculture in Japan: Administrative circumstances, food situation and legal system, effects of land improvement projects, Agriculture in Hokkaido and Tokachi: Organization of agricultural cooperatives, agricultural machinery, facilities for processing agricultural products, broad-based cooperation (2) Projects for the improvement of agriculture and rural areas: Rivers and road improvement, agricultural infrastructure improvement and rural development, the planning and design of land reclamation infrastructure, etc. (3) Construction work for projects: Constructing material, construction plan, safety and construction management), Project management and environmental countermeasure, New technologies related to agriculture execution: Utilization of biogas and artificial satellites, green tourism and etc. (4) To make a concrete action plan	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2004~2008
	REMARKS	

Advanced Research Course on Control of Zoonosis for Food Safety 食の安全確保のための人畜共通感染症対策		GROUP  0880920
		Agricultural/Rural Development—Agricultural Development
Target Countries: Asia, Africa and Latin America		10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To develop human resources capable of research of protozoan diseases to improve the skills and competence of participants who are primarily responsible for laying the foundation for development control measures against diseases in their respective countries. To attain the objective, participants are expected to achieve the followings: (1) To be able to carry out basic research in vitro on particular zoonotic diseases (2) To be able to share the knowledge, skills and technologies obtained in Japan with other staff members (3) To lead actively and participate in the program for applying effective control measures, including improvement of the control strategy (4) To be able to utilize the fundamentals and progress of major protozoan diseases as well as zoonoses	【Target Organizations】 Private or public research institutions [Target Group] 1) Holders of Bachelors or Masters of Science or graduates of veterinary medicine or medical science and with more than 3 years of experience in the organization 2) Individuals engaged in research on animal or human protozoans, food-borne influenza and prion, and willing to continue the research relating to the output of the training 3) Age: Under 35 years old	
CONTENTS	PROGRAM PERIOD	Oct. 26. 2008 ~ Aug. 28. 2009
Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's organization, fields of particular interest and reason. Program in Japan: This course mainly covers the following themes. After lectures on common subjects, all participants are attached to a suitable research laboratory in one of the following fields in accordance with the purpose and specialty of each participant: (1) Functional genomics (2) Disease control (3) Molecular vector-arthropodology (4) Molecular diagnosis (5) Advanced preventive medicine (6) Food-borne diseases (7) Emerging and re-emerging diseases Participants will make a mid-term report and final report on the research subject in each unit Post-Program Activities: To submit a report of output.	IMPLEMENTING PARTNER	Obihiro Univ. of Agricult. & Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2005~2009
	REMARKS	A diploma will be awarded by the Obihiro University of Agriculture and Veterinary Medicine at the end of the course. Questionnaire about diffusion of effects of the program and execution of the Action Plan.

Plant Variety Protection 植物品種保護		GROUP  0880924
Agricultural/Rural Development—Agricultural Policy and System		
		10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The main objective of this program is to strengthen the implementation of the Plant Breeders' Rights system under UPOV in each country, taking into account the environment of the countries.</p> <p>To reach the objectives, participants are expected to achieve the following:</p> <p>(1) To understand the outline of plant variety protection (plant breeders' rights) system under UPOV and the Japanese System</p> <p>(2) To learn the Japanese way of examining applied plant varieties for registration of plant variety protection</p> <p>(3) To learn how to set up test guidelines used for the examination</p>	<p>(1) Staff who is engaged or supposed to be engaged in plant variety protection</p> <p>(2) University graduate or equivalent academic background</p> <p>(3) Age: 30-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Aug.24.2008~Nov.8.2008
<p>This program consists of lectures, practical exercises, study tours, presentations and discussions. It mainly covers:</p> <p>(1) Outline of the plant variety protection system (Outline of the PBR system in Japan, Outline of the UPOV system, Ordinance of PBR in the legal bases, Implementation of the PBR system in developing countries and its application for facilitating the market economy, International harmonization of the PBR system, etc.)</p> <p>(2) Examination of applied plant varieties (Outline of the DUS test, Growing test, On-site inspection, Documentary examination, Simulation of applied plant variety for PBR registration, etc.)</p> <p>(3) How to set up test guidelines (UPOV and the Japanese protocol of making test guidelines, making test guidelines based on each country's preference, etc.)</p>	IMPLEMENTING PARTNER	NATIONAL CENTER FOR SEEDS AND SEEDLINGS
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2005~2009
	REMARKS	

GIS(Open Source Geographic Information Systems) Technology for Sustainable Management of Natural Resources and Agricultural Production GIS(地理情報システム)による天然資源・農産物の管理		GROUP  0880987
Agricultural/Rural Development—Agricultural Policy and System		
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective]</p> <p>To promote the dissemination of FOSS (Free and Open Source Software) GIS to participants' countries in order to facilitate its use for the management of natural resources and agricultural production.</p> <p>[Expected Results]</p> <p>To reach the objectives, participants are expected to achieve the following:</p> <p>1. To acquire basic theory and techniques of FOSS (GRASS, Mapserver and others)</p> <p>2. To obtain techniques to apply GIS through case study</p> <p>3. To learn the practical application of GIS in Japan for the sustainable management of natural resources and agricultural production</p> <p>4. To make an Action Plan to improve the management of natural resources and agricultural production by using GIS</p>	<p>[Organization]</p> <p>(1) Central or local governments in charge of policy-making for sustainable management of natural resources and/or agricultural production;</p> <p>(2) Universities and institutes of agricultural sciences</p> <p>[Group]</p> <p>(1) In a position to disseminate GIS technology</p> <p>(2) Individuals belonging to one of the organizations mentioned above with over 5 years of experience</p> <p>(3) Individuals with some experience of using GIS, but not experts</p>	
CONTENTS	PROGRAM PERIOD	Aug.18.2008~Sep.25.2008
<p><Preparatory Phase></p> <p>Creation of a Country & Job Report / Submission of a Questionnaire describing the current situation of using GIS at one's organization</p> <p><Program in Japan></p> <p>Introduction to GIS for the sustainable management of natural resources and agricultural production / Basic theory of GIS / How to manipulate the Linux-GRASS / Basic theory of Remote Sensing and its application / Spatial data sharing using Free and Open Source Software (FOSS) / Case Study / Application of GPS to GIS - GPS with GRASS / Application of GIS to the management of natural resources and agricultural production / Field Visit</p> <p><Post-Program Activities></p> <p>After the participants' return</p> <p>(1) To Report on the Action Plan to the respective supervisors and organizations</p> <p>(2) To submit a Progress Report describing the progresses and/or results in realizing the Action Plan</p>	IMPLEMENTING PARTNER	Nagoya Univ. Int'l Cooperation C. for Agric. Education
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2005~2009
	REMARKS	

Food safety 食の安全(長期)		L/T  0881127
Agricultural/Rural Development—Agricultural Development		
		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
【Objectives】 To develop human resources to contribute for solving problems of food production and safety in their country and neighboring countries throughout the process of conducting research methods and planning research work. 【Outputs】 (1) to be able to explain basic animal and food hygiene (2) to be able to explain basic subjects (3) to be able to explain applying animal and food hygiene (4) to be able to complete thesis on research work of their country's issue based on the output of above mentioned research activities	【Target Organizations】 Governmental and educational research institutions in the fields of veterinary medicines and animal husbandry 【Target Group】 (1) Teaching staffs, researchers, technicians, administrative officers who have more than five (5) years of experience in this field. (2) To be no more than forty (40) years of age	
CONTENTS	PROGRAM PERIOD	Oct. 1. 2008 ~ Sep. 30. 2008
Preparatory phase: To submit a Job Report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire. Program in Japan: (1) Infectious disease science, food hygiene economics, animal production and food hygiene since, food hygiene, food production chemistry, analysis of animal production risk, human and animal common disease, recycle animal and food chemistry, Laboratory practice (2) Basic veterinary medicine, Food nutrition chemistry, animal food management (3) Animal and food biology, animal and food resources chemistry, animal welfare policy, Policy and regulation of hygiene. (4) Research work (5) Formulation and presentation of the Action Plan	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine, Graduate school, Faculty of Animal Husbandry
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2008~2010
	REMARKS	

Sustainable Rice Cultivation 稲作を中心とした環境保全型農業の確立(長期)		L/T  0881139
Agricultural/Rural Development—Agricultural Development		
		3 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
【Objectives】 Participants acquire sustainable production techniques through guidance from professors and master thesis writing. They also expected to learn knowledge and skill of comprehensive farm management for effective practice of the above techniques. Further, leadership and technique of their parent organization is also developed through practice of action plan made by participants. 【Outputs】 (1) To clarify problems related to the field in home country and make training plans (2) To learn environmental-friendly technology for rice cropping (3) To research utilization of the acquired expertise in home country (4) Participants will make action plan that their organization should try to put the research achievement in practice.	【Target Organizations】 Agricultural officials of central/local government 【Target Group】 (1) Agricultural officials in charge of the guidance and dissemination at the field level or their manager class officials (2) Individuals with at least 5 years of work experience in this field (3) Sufficient command of spoken and written English to be able to conduct the research	
CONTENTS	PROGRAM PERIOD	Mar.10.2009~Mar.31.2011
(1) Before training starts, participants should make report about problems and its solutions related to the research field in home country. Based on the report, they will make training plan after consultation with professors. (2) In order participants to acquire expertise, the training will consist of seminar, thesis research and fieldwork. Participants will select the main research theme among the field of Soil Science, Plant Pathology, Animal Ecology, Agricultural Machinery, Agricultural Economics, and Zoology (Stock-holding Agriculture). Participants can study other subject in order to carry on their research. (3) Writing of master thesis and presentation of studies. If necessary, participants can have TV meeting with their parent organization during the training in order they can practice smoothly their action plan in the country. (4) Based on the master thesis, participants will make action plan of the parent organization so as to practice and utilize the research achievement in promotion activity. After they return to the country, Yamagata University will make follow-up guidance by TV meeting or dispatch of the study team if necessary.	IMPLEMENTING PARTNER	Graduate School of Agricultural Sciences (Master Course) , Yamagata University
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2008~2010
	REMARKS	This program is designed for agricultural officials to promote knowledge and techniques obtained at the field level. Thus, this program is not appropriate for researchers.

Agricultural Development and Environmental Preservation in Nile River Area ナイル川流域農業開発・環境保全支援(長期)		L/T	0881145
Target Countries: Countries which suffers from sever arid condition along the Nile River		3 participants / 入力不要<シ	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 This program aims at helping participants to acquire appropriate research capabilities in order to conduct sustainable and environmental-friendly agricultural and water resource developments in arid and semiarid areas in countries of the Nile River Basin. 【Outputs】 (1) To acquire basic knowledge and skills on the selected research field (2) To apply the knowledge and skills acquired at (1) in practical trainings. (3) To write a paper on the case study of the selected research field	【Target Organizations】 Governmental body or research institute which deals with Agriculture Development (Esp. Irrigation Water Resource Development) 【Target Group】 1) to have more than 3 years' experience in the field of Agriculture Development / Environment Protection in arid land areas. 2) to be a graduate of university in the relevant field (or completed a 16-year education in the respective country)		
CONTENTS	PROGRAM PERIOD	Oct.23.2008~Oct.2.2010	
(1) Lectures / practical training on Bioproduction Science / Agricultural Environment and Forest Sciences / Agricultural Management and Information Science (2) Internship / field trip (3) Writing a master thesis	IMPLEMENTING PARTNER	Graduate school of Agriculture and of Engineering, Tottori University	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2008~2010	
	REMARKS	participants will be awarded with Master's Degree in Agriculture from Tottori University upon successful completion of this program	

Upland Rice Variety Selection Techniques for Sub-Saharan Africa サブ・サハラアフリカ地域「陸稲品種選定技術」		R/F	0884019
Target Countries: Sub-Saharan Africa		9 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 The objective of this program is to enable participants to evaluate varieties of upland rice including NERICA, and to select the best adapted varieties for the respective countries. To reach the objective, participants are expected to achieve the following: 【Outputs】 (1) To acquire fundamental knowledge in the theory and practice of cultivation and management techniques of upland rice (2) To obtain fundamental knowledge in varietal evaluation and selection in upland rice (3) To acquire fundamental knowledge in the maintenance and multiplication of the breeder's seed and basic seed paddy (4) To make an action plan for the rice varietal selection	【Target Group】 (1) Officers of agricultural research institutes with the practical occupational experience of more than two years, or researchers at the university and/or staff of NGO who engage in development and extension activities of rice cultivation techniques with practical occupational experience of more than two years (2) Age : 25 - 50 years old		
CONTENTS	PROGRAM PERIOD	Jul.21.2008~Nov.1.2008	
This program consists of three major components: lectures, experiments and field practices, and study tours. The major contents are as follows: (1) Cultivation and management techniques Physiology and plant nutrition, Rice morphology, Rice cultivation technology, Crop growth diagnostic techniques, Soil and fertilizer management, etc. (2) Varietal evaluation and selection Field techniques in varietal selection, Varietal characteristics and observation procedures, Evaluation of disease resistance, etc. (3) Maintenance and multiplication Seed production system in Japan, Preservation and maintenance of breeder's seed, Basic and Certified seed production technology, etc. (4) Field Program After the program in Japan, field program will be implemented at IRRI in the Philippines.	IMPLEMENTING PARTNER	JICA Tsukuba, IRRI (International Rice Research Institute)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2006~2008	
	REMARKS	Through this course, JICA hopes to foster participants who can contribute toward promoting upland rice cultivation including NERICA in their countries.	

Target Countries: Asia and Africa

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To develop human resources capable of solving the problems efficiently in the agricultural areas in Asia and Africa by acquiring effective methods of agricultural extension and cultivation techniques.</p> <p>【Outputs】 (1) To be able to explain about efficient crop cultivation management and techniques (2) To be able to explain about efficient methods and systems for extension service (3) To sort out regional issues on crop cultivation promotion in their countries, and to be able to formulate solutions through planning implementation methods for technology dissemination</p>	<p>【Target Organizations】 Organization which are instructing farm households directly about upland cereal crops (mainly wheat, potatoes and beans). Excluding both researchers of universities and administrative officers</p> <p>【Target Group】 (1) Technical staff who are instructing farm households directly and will be able to provide technical support and guidance after returning home (2) Individuals with more than three(3) years of experience in this field and not be a pregnant because the program includes field works</p>	
CONTENTS	PROGRAM PERIOD	Jun. 1. 2008 ~ Jul. 30. 2008
<p>Preparatory phase: Submit the job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire.</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics.</p> <p>(1) Crop cultivation management (simple soil analysis, water saving and irrigation techniques, organic production), agricultural machinery, farm stay program (2) Cooperation with academic organizations and experimental research institutes, present condition of agricultural extension service, system of agricultural cooperatives and agricultural aid, women's activities in rural areas (3) Topic classification (method of project cycle management), workshop of solving problems (discussion among participants), guidance and discussion on action plan formulation (4) Formulation and presentation of the action plan</p>	IMPLEMENTING PARTNER	Agricultural technology center of Obihiro city, Obihiro city public corporation for agriculture promotion
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2007~2009
	REMARKS	Implement monitoring by questionnaire about diffusion and effects of the program after returning.


Target Countries: Africa

5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To develop human resources capable of repair and develop agricultural machines which are fit for cultivation method applying materials, parts and implements in participants' countries through understanding of principles of mechanism</p> <p>【Outputs】 (1) To understand the efficient introduction and method of diffusion on agricultural mechanization and service system in rural area (2) To acquire mechanism and improvement, and repair techniques of agricultural machinery and countermeasures to its troubles and method of testing and evaluation for agricultural machinery (3) To lean improvement techniques for agricultural machines which fit for cultivated method to each country for efficient agricultural production</p>	<p>【Target Organizations】 ① Ministry of Agriculture (department of diffusion of agricultural machines, agricultural experiment station, agricultural cooperatives) ② Universities/research institutes, etc.</p> <p>【Target Group】 Technicians and researchers for agricultural machines for upland crops area, such as agricultural extension officers with more than three years experience</p>	
CONTENTS	PROGRAM PERIOD	Jan. 6. 2009 ~ Mar. 5. 2009
<p>Preparatory phase: Submit the job report which includes an introduction of work, problems faced in the participant's country: detail information on agricultural machines which should be improved, and particular interest and reason.</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics.</p> <p>(1) Theory of agricultural machinery, Service system for agricultural machines, diffusion of techniques for machine maintenance, inspection and service to farmers (2) Basic techniques of agricultural machinery, Repair, service and modification techniques, Method of testing and evaluation for agricultural machinery, Safety measures and working condition (3) Improvement techniques of agricultural machines, Machinery design method (guidance for making plans of developed machines and drawing up instruction/operating manual) (4) Formulation and presentation of the action plan</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine /Tokachi Industry Promotion Center
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2007~2009
	REMARKS	Implement monitoring by questionnaire about diffusion and effects of the program after returning.

Planning and Designing of Agricultural Statistics for Agricultural Policy Making 農業政策立案のための農業統計企画・設計		GROUP 	0880046
		Agricultural/Rural Development—Agricultural Policy and System	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>At the end of the program, the participants are expected to achieve the followings;</p> <p>Agricultural policy and food supply–demand planning based on agricultural statistics will be prepared and arranged at participant’s organization.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1) To improve the ability in agricultural policy making and food supply–demand planning towards sustainable agricultural production, (2) To enhance further understanding of the necessity to improve agricultural statistics for agricultural policy making and food supply–demand planning, (3) To consolidate knowledge on the methods of planning, designing and implementing agricultural census and sample survey suitable to respective country, (4) To acquire knowledge of the quick–working and effective means of implementing statistical survey utilizing new technologies, and (5) To obtain know–how to prepare the action plan for agricultural policy making and food supply–demand planning utilizing agricultural statistics.</p>	<p>【Target Organizations】 Agricultural administration agencies of the central government (ex. Ministry of Agriculture, etc.) which has Department / Bureau responsible for agricultural statistics or agricultural policy making and/or food supply–demand planning.</p> <p>【Target Group】 ①Officers who are statistics specialist, or holding the position of deputy (assistant to) head of policy making or statistics division. ②have more than 5 year’s experience working in the central governmental agencies or other related organizations. ③be able to operate the personal computer and software (cf. Word, Excel, PowerPoint, etc.) up to a certain level.</p>		
CONTENTS	PROGRAM PERIOD	Jul.22.2008～Sep.6.2008	
<p>(1) Preliminary Phase in a participant’s home country (by participating country side) Making “Inception Report” to list up related issues confronting the organization the participant is affiliated to and share the views with colleagues. The Report should be including; ①To clarify, analyze and recognize the CONTEXT to agricultural policy making and planning based on agricultural statistics by use of the concept of Capacity Assessment ②General situation on agricultural policy making and implementation, and on agricultural statistics, etc. (2) Core Phase in Japan ①to improve the ability in agricultural policy making and food supply–demand planning towards sustainable agricultural production. ② to enhance further understanding of the necessity to improve agricultural statistics for agricultural policy making and food supply–demand planning. ③To consolidate knowledge on the methods of planning, designing and implementing agricultural census and sample survey suitable to respective country. ④to acquire knowledge of the quick–working and effective means of implementing statistical survey utilizing new technologies. ⑤to obtain know–how to prepare the action plan for agricultural policy making and food supply–demand planning utilizing agricultural statistics. (3) Finalization Phase in a participant’s home country (by participating country side) ① To hold workshop on agricultural statistics as well as agricultural policy making and food supply–demand planning using knowledge and experiences in Japan, by ownership of participating organization. ② Approved by participant’s organization of Action Plan ③ Participant implement the activities based on the approved Action Plan. ④ Participants make and submit the “Progress Report” on situation of implementation of Action Plan, ⑤ Participants make and submit the “Final Report” on results of implementation of Action Plan.</p>	IMPLEMENTING PARTNER	Food Marketing Research and Information Center	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Farm machinery and tools developed by participants during the training will be disseminated to small-scale farmers. To reach the objective, participants are expected to achieve the following:</p> <p>1.</p> <p>(1) To clarify the problems on using farm machinery in their respective rural areas</p> <p>(2) To learn the methods of design manufacturing, and evaluation of performance</p> <p>(3) To manufacture appropriate machinery and tools.</p> <p>(4) To formulate an interim report (action plan) to solve the problems in their respective rural areas</p> <p>2. After returning to their home countries, participants will manufacture and disseminate the appropriate machinery prior to the review of the interim report.</p>	<p>(1) Leaders of farmers' groups, technicians for farm machinery production in rural areas, agricultural extension workers, government officers, researchers, and instructors in rural development</p> <p>(2) Organize a workshop for producing farm machinery</p> <p>(3) Expect to continue the rural development after the training</p> <p>(4) University graduates or equivalent</p> <p>(5) Age: 25-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2009~Oct.17.2009
<p>Preparatory phase Create an inception report of their study describing the following items in the rural area:</p> <p>(1) The problems on using farm machinery in their own workplace and/or the rural area of their responsibility</p> <p>(2) Tentative analysis for solving identified issues (from the viewpoint of agricultural productivity and reduction of workload for women & youth labor)</p> <p>(3) Availability of facilities for farm machinery production such as machine tools, materials, workshop and relevant conditions</p> <p>Program in Japan</p> <p>(1) Analyze the problems of farm machinery utilization</p> <p>(2) Fabricate farm machinery and tools</p> <p>(3) Interim report (action plan) description</p> <p>After participants' return</p> <p>(1) The actions described in the interim report are reviewed, authorized and implemented.</p> <p>(2) The results of the actions taken by the organization and the program participant are reported as a final report 6 months after return.</p> <p>Lectures: Rural development, extension method of agricultural techniques, mechanization planning, mechanisms and operation of farm machinery in Japan, introduction of appropriate mechanization, designing of tools, etc.</p> <p>Practice: Rice production systems, manufacturing, testing & evaluation for farm machinery</p> <p>Observations: Manufacturers & farm machinery</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>TSUKUBA INTERNATIONAL CENTRE, JICA</p> <p>JICA Tsukuba</p> <p>2005~2009</p> <p>JICA will implement a survey on the activities undertaken by participants. Reports sent by participants are considered as final reports.</p>

Integrated Agriculture and Rural Development Through the Participation of Local Farmers 農民参加による農業農村開発		GROUP  0880211
		Agricultural/Rural Development—Rural Development
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to acquire "Participatory Rural Development methods" in addition to "Rural development planning methods" and "Management methods of farmers organizations", so as to be able to formulate rural development plans taking into consideration the local farmers' needs of in the participants' responsible area.</p> <p>To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) To make job reports through a preliminary activity.</p> <p>(2) To learn the following methods through the training in Japan:</p> <p>(A) To be able to sum up local farmers' opinions, and to set up appropriate tasks and targets to establish rural-area development plans for the responsible.</p> <p>(B) To learn rural development planning methods in Japan's local administrative organizations, and become able to adapt such methods to their responsible areas.</p> <p>(C) Become able to establish farmers' organization support policies in the responsible areas, through learning management methods of farmers' organizations in Japan.</p> <p>(3) During the training course in Japan, make an action plan which will be the guideline for the future activities after returning to participants' respective countries.</p>	<p>(1) Individuals nominated by their government.</p> <p>(2) Individuals in central or local government in the field of rural agricultural development with more than 5 years of experience.</p> <p>(3) Under 50 (fifty) years of age;</p> <p>(4) University graduates or equivalent;</p> <p>(5) Proficient in speaking and writing English.</p> <p>(6) Individuals in good health, physically and also mentally, to undergo the course of training.</p> <p>(7) Individuals able to submit monitoring reports regarding the progress of Action Plans, to an overseas Japanese Embassy or to JICA Tsukuba through a JICA overseas office, one year after returning home.</p>	
CONTENTS	PROGRAM PERIOD	Nov.16.2008~Dec.20.2008
<p>(A) To learn participatory rural development methods Participatory rural development and gender/Rural restoration process after the War/Introduction of overseas participatory development examples/PCM Workshop</p> <p>(B) To learn rural planning methods Rural planning methods/Agricultural and rural development in Japan/Rural social and economical surveys/Enterprises/systems and planning in local municipalities</p> <p>(C) To learn methods of making farmer's organization Agricultural cooperatives organization/Activities of agri. cooperatives/Organizing farmers/Activities of livelihood improvement groups and entrepreneurs' groups/Roles of farmers' organizations (water-users' associations)</p> <p>(D) To make reports, action plan, etc. Job report presentation Meeting/Homestay at farmhouses/Action plan presentation</p>	IMPLEMENTING PARTNER	suspense
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006~2010
	REMARKS	

Target Countries: Countries with a meat cattle industry

7 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this program is to provide participants with basic knowledge and practical techniques coupled with the latest information on cattle production, related improvement technology, semen production, artificial insemination, genetic improvement method, extension system, and artificial insemination planning and thus to assist them in designing their own systems in their respective countries.</p> <p>Through the training program, participants are expected:</p> <ol style="list-style-type: none"> 1. To gain thorough understandings of extension system of cattle AI to be able to plan and design the extension systems in the respective countries, 2. To understand the reproduction of female cattle to be able to practice the AI and the pregnancy diagnosis, 3. To understand the feeding management of female cattle to apply the acquired knowledge to the improvement of reproduction, 4. To understand the dilution and freezing of cattle semen to be able to practice the process from semen collection to semen freezing, and 5. To understand the theories of genetic improvement in cattle to be able to set up targets for the improvement in the respective countries. 	<p>Be engaged in administration, research and/or extension works in the livestock industry, holding a veterinarian's license or artificial inseminator's license.</p> <p>University graduate or equivalent academic background and practical experience.</p> <p>Under 40 years old in principle.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.20.2008~Aug.16.2008</p>
<p>The program will consist mainly of lectures and practical training, in which the NLBC staff and visiting professionals will provide expertise and instruction on the respective subjects. This will be supplemented by observational trips to related agencies and institutions. The major subjects are as follows:</p> <ol style="list-style-type: none"> (1) Outline of the livestock industry (2) Technical extension (3) Reproductive physiology/reproduction management (4) Artificial insemination/pregnancy diagnosis method (5) Breeding management/improvement of reproduction (6) Semen production technology (7) Genetic improvement 	<p>IMPLEMENTING PARTNER</p>	<p>NATIONAL LIVESTOCK BREEDING CENTER</p>
	<p>JICA CENTER</p>	<p>JICA Nihonmatsu</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Researcher who are in charge of Conservation and Sustainable Use of Plant Genetic Resources become to prepare Action Plans of technical transfer to their own job and their organization.</p> <p>【Outputs】 (1) A well summarized report to explain the present status of the countries and their institutes (2) A report compiled to explain the conservation of plant genetic resources the activities of the countries (3) Capacity building on integrated knowledge and technology concerning plant genetic resources research fields (4) Acquisition of research capacity on plant genetic resources research through implementation and data analysis of individual experiments (5) A proposal to transfer and use obtained knowledge and experimental techniques after going back to their countries</p>	<p>Applicants should:</p> <p>(1) be university graduates or equivalents, MSc holder preferable but non Ph. D. holders, (2) be presently engaged in research work in the field of plant genetic resources with more than 3 years of experience, (3) be over 25 and under 40 years of age, (4) have a sufficient command of spoken and written English to be able to conduct research</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.7.2008～Nov.1.2008</p>
<p>(1) Trainees are requested to compile an inception report on the present situation on the plant genetic resources, problems to be solved, and research capacity of the countries and especially of their affiliated institutes. (2) Trainees are requested to understand prevailing international situation on plant genetic resources and the present status of their countries. (3) Trainees have to acquire necessary knowledge and technology for exploration, conservation, information management, evaluation and utilization of plant genetic resources in relation with crop breeding. (4) Trainees should acquire necessary experimental techniques and research capability by making plans, implementation and data analysis of individual investigation of topics on plant genetic resources. (5) Trainees should make a proposal to transfer knowledge and experimental methodology obtained to their affiliated institutes and other institutes in their countries.</p>	<p>IMPLEMENTING PARTNER</p>	<p>National Institute of Agrobiological Sciences (NIAS)</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Through acquisition of research methods on rice cultivation corresponding to farm level needs, implementation of specific research activities authorized by respective organization, the participants will be strengthened on research techniques, and make action plan,.</p> <p>【Outputs】 (1) Participants can analyse problems and challenges on respective research station. (2) Participants acquire research methods on rice cultivation, and can present research methods relevant to respective countries. (3) Participants will implement specific research on rice cultivation corresponding to the needs of target area. (4) Participants will submit the technical report. (5) Participants will submit the action plan.</p>	<p>【Target Organizations】 Administrative Body, Research and Experiment Station, Extension Center, etc.</p> <p>【Target Group】 1) Presently engaging in research work or education in the field of rice. 2) University graduates or with equivalent background 3) Age: 28-40 years old, and with at least 3 years of experience in the above fields.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Feb.8.2009~Nov.14.2009</p>
<p>(1) Inception report making and presentation (2) Basic techniques on rice cultivation Research methods Role of research station for extension</p> <p>(3) Experiment method Investigation method Data analysis method</p> <p>(4) Technical report making and presentation</p> <p>(5) Participatory planing and evaluation Action plan making and presentation</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	<p>JICA TSUKUBA</p>
	<p style="text-align: center;">JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;">COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p style="text-align: center;">REMARKS</p>	


Target Countries: Country which needs to improve food security and quality.

5 participants /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To increase the level of inspector's skills and develop the human resources with leadership role in this field by introducing Japan's system of inspection to laboratory inspectors.</p> <p>【Outputs】 (1)(1) To share information about each countries' current situation and problems through presentation of country reports and following discussion. (2)(2) To understand the feature of foodborne bacteria causes a food contamination and the latest inspection method. (3)(3) To understand the theory and practice of GLP (Good Laboratory Practice). (4)(4) To understand simple and fast inspection method of foodborne bacteria, quality management technology in the food engineering process such as HACCP System. (5)(5) To make action plans about how to utilize their obtained knowledge in their own countries at the end of the course.</p>	<p>【Target Organizations】 Food inspection agencies in developing countries 【Target Group】 Researcher or technical officers presently engaged in food microbial inspection in laboratory. Inspectors engaged only in sampling are not suitable for this course.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Feb.2.2009~May.2.2009</p>
<p>(1) Presentation of country reports and following discussion. (2) •Lectures about food poisoning bacteria and practical training of inspection method •Lectures about Japanese Food Sanitation Law and current condition of food poisoning in Japan •Practical training of food poisoning bacteria inspection and measurement of indication bacteria •Measurement and identification of fungus •Inspection of Norovirus and Protozoa (3) •Practical training of inspection at public inspection agency such as quarantine station. (4) •Lectures and practical training of simple and fast inspection method of foodborne bacteria •Basic technical training of disinfect, sterilization and culture media •Lectures about specification and HACCP of livestock and marine food product •Visit to the food manufacture facility with HACCP (5) •Making up action plans and prepare to present them •Presentation of action plans and following discussion.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Kobe Pharmaceutical University</p>
	<p>JICA CENTER</p>	<p>JICA Hyogo</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	<p>Japan imports a lot of foods from this country and it needs to improve food security and quality, or take measures against foodborne bacteria.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Our programs should help trainees learn and acquire principal knowledge of IPM for Plant Protection and recent technological advances for efficient practice of IPM, which leads to better understanding of international and global aspects for safe and sufficient food production and environment protection.</p> <p>【Outputs】 (1) Explaining the background, theoretica basis and practices of the Integrated Pest Manamement (IPM), for its wide spread in plant protection. (2) Understanding plant pathogens and IPM, enough for practical local instruction. (3) Understanding plant insects and IPM, enough for practical local instruction. (4) Understanding weeds and IPM, enough for practical local instruction. (5) Understanding chemical control and the application of advanced biological technology in IPM, for local instruction and explanation.</p>	<p>【Target Organizations】 State or Local Government and University</p> <p>【Target Group】 Technical officers in central, local government or university who are in charge of plant protection</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.26.2008～Sep.6.2008</p>
<p>(1) Lectures on the theory and application of Integrated Pest Management to control plant pests; visiting institutes of advanced researches; feld practices at applied experimental stations. (2) Discussion on infection mechanism and control of plant pathogens; laboratory practices in the identification, innoculation experiments, and genetic analyses of resistance. (3) Discussion on forecasting and control of pest insects, including biological control: laboratory and field practices in the insect rearing, insect population estimation, propagation of natural enemies, and genetic analyses of resistance. (4) Discussion on theory and practice of weed control; laboratory practices in the chemical and ecological control of weeds. (5) Discusssion on chemical control and advanced biological technology, including GMO, for pest management; laboratory practices in the synthesis and bioassey of bioactive substances.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Graduate School of Agricultural Science, Kobe University</p>
	<p>JICA CENTER</p>	<p>JICA Hyogo</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	

Thermal treatment for the disinfection of fruit flies ミバ工類温度処理殺虫技術		GROUP 	0880824
Target Countries: Presence of economically damage fruit flies in the country		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Plant quarantine technicians in countries infested with fruit flies acquire quarantine treatment techniques suited to their conditions.</p> <p>【Outputs】(1) Participants can explain how to rear fruit flies in laboratories and how to make infested fruits for the disinfection test. (2) Participants can explain the procedures of a series of thermal disinfection test and the methods of experimental data analysis, after actually conducting these trials in the heat treatment and the cold treatment. (3) Participants can explain the procedures of a series of fruit heat or chilling injury test and the methods of experimental data analysis, after actually conducting these trials. (4) Participants can explain the fruit fly eradication program and the control of fruit flies, Japanese distribution system for imported agricultural commodities and the plant quarantine system in the participant's countries and Japan, after getting information about them. (5) Participants can explain about the problems of fruit flies, and can make an action plan for them.</p>	<p>【Target Organizations】 Plant quarantine organization</p> <p>【Target Group】Plant quarantine technicians, inspectors and administrative officials engaged in plant protection in central/local governments.</p>		
CONTENTS	PROGRAM PERIOD	May.13.2008~Sep.6.2008	
<p>1.Preliminary Phase in a participant's home country (1)Analysis current issues in plant quarantine in participants' jurisdictional areas and their organizations (2)Formulation and submission of Job Report to JICA together with Application Form</p> <p>2.Core Phase (activities in Japan) (1)Lectures concerning biology of fruit flies, and lectures and practices concerning the methods of fruit fly rearing. (2)Lectures and practices in the methods of fruit flies disinfection by thermal treatment. (3)Lectures and practices concerning fruit injury by thermal treatment. (4)Lectures and observations concerning the plant quarantine system, the pest control, the distribution system of agricultural product in Japan, and presentations and discussions of the country report by participants (5)Presentations and discussions of results of the training, and the making of a final report and an action plan.</p> <p>3.Finalization Phase (activities in home country) Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the phase in Japan</p>	IMPLEMENTING PARTNER	Naha plant protection station, MAFF	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Expectations for the Participants: be related with JICA programs in this field will be preferable	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The program point is dissemination of the knowledge and technology for poultry industrial promotion suitable for the area condition and therefore supervision, lead and advice of the administrative officer or the technical expert of the educational institution at the national or the regional level are necessary.</p> <p>【Outputs】 (1) No1 To understand Feeding Management in poultry, and to be able to conduct and disseminate poultry management suitable for the area condition and poultry performance. (2) No2 To understand Reproduction and Breeding in poultry, and to be able to apply the result to breeding and multiplication of breeds suitable for the area condition. (3) No3 To understand Nutrition and Feed, and to be able to apply the result to designing feed (4) No4 To understand Health control measures in poultry, especially basic disease control concerning avian flu, and to be able to conduct and disseminate proper prevention of disease for the environmental condition. (5) No5 To understand comprehensive knowledge and skills on poultry farming, and to be able to plan poultry industry development policy suitable for the area condition.</p>	<p>【Target Organizations】 administrative organ, technical extension organ and research and educational institute 【Target Group】</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.26.2008～Nov.30.2008</p>
<p>(1) •Lecture on: 1) metabolism and feeding management for improving growth and egg productivity, 2) growth of the embryo. Practice on egg candling, observation of hatching, selection of normal chicks and calculation of hatching rate, 3) rearing chick management and chick sexing (incl. practice), 4) manure fermentation and utilization and visit to related institute, 5) transition, current situation and future prospect of facilities for poultry production and visit to relate to facilities and institutions. (2) •Lecture and practice on reproductive physiology. • Practice on semen collection and artificial insemination. • Lecture on the history of poultry domestication in Japan and basic theory of genetic improvement. (3) •Lecture on: 1) outline of poultry nutrition, 2) nutritional characteristics of common feed and the ones which are used in the developing countries, 3) theoretical feed designing method (incl. practice), 4) utilization of byproducts to livestock feed and visit to related facility. •Practice on proximate analysis method of feed ingredients. (4) •Lecture and practice on epidemic prevention (disinfecting method of poultry houses and equipment, the type of vaccines and their applying methods, diagnostic method of major infectious disease, quarantine of imported animal). Visit to related institutions. • Lecture on health control measures based on the lecturer's experience in developing countries. • Lecture and practice on symptoms, diagnoses and autopsied findings of major infectious disease especially focus on avian flu. • Explanation on the outbreak of avian flu in Japan (Yamaguchi, Okayama and Kyoto pref.) and the measure of the government. • Lecture on zoonotic infection and its preventive measures. (5)• Lecture and practical training on basic knowledge of rural development. • Lecture on dissemination condition of all the country of the world. • Lecture on promoting indigenous breed chicken production and rural revitalization. Visit to related organizations. • Making, presentation and discussion about Action Plan by every participant. • Lecture and practice on PCM (Project Cycle Management) method. • Lecture on marketing of eggs and chicken. Visit to related organizations and institutions.</p>	<p>IMPLEMENTING PARTNER</p>	<p>National Livestock Breeding Station Incorporated Administrative Agency</p>
	<p>JICA CENTER</p>	<p>JICA Nihonmatsu</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will write and propose Action Plans to introduce animal food hazard reduction measures including HACCP in their organizations.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1)To understand the systems of food safety administration in Japan (2)To understand food inspection methods of the international standard. (3)To understand theories and techniques of hygiene control for livestock food products at the production, proceeding and distribution stages. (4)To formulate Action Plans to utilize/introduce food hazard reduction measures including HACCP.</p>	<p>(1) This program is designed for examiners and inspectors concerned with production, processing and distribution of food, especially of animal food, at central or local government organizations, or those who are engaged in epidemiology at universities. (2) University graduates (3) Over 25 and under 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Jul.29.2008~Sep.20.2008
<p>< Preparatory phase > Formulation of Country Report < Phase in Japan ></p> <p>Lectures: Outline of food sanitation (hygiene control, safety measures against food poisoning), Food production (meat processing, HACCP), Distribution system, etc.</p> <p>Practical exercises: Meat/dairy production, Detection of bacterium, Introduction of HACCP, etc.</p> <p>Observation: Meat production, Dairy production, Large-scale dairy farm, Wholesale market, etc.</p> <p>Others: Country Report, Action Plan, Discussion < Finalization Phase > Application and implementation of the Action Plan back in the participant's home country. Submission of the final report describing the progress of implementing the Action Plan.</p>	IMPLEMENTING PARTNER	RAKUNO GAKUEN UNIVERSITY
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to develop the capacity of irrigation and drainage engineers to carry out agricultural infrastructure improvement projects from study to implementation with consideration of their application, participation, sustainability and environmental conservation for rural development in the participants' own regions. To reach the objective, participants are expected to achieve the following:</p> <p>(1) To learn basic and applied technologies required to investigate, design, construct, operate and maintain facilities related to irrigation and drainage projects (2) To learn the applicable methodology of irrigation and drainage technology for agricultural and rural development from diverse points of view (3) To learn the relevant technology and knowledge for sustainable agricultural and rural development in consideration of environmental conservation (4) To improve problem-solving ability, and acquire integrated irrigation and drainage technology related to their own working environment (5) To develop the ability to resolve problems in their own working environment and to realize them as action plans</p>	<p>(1) Individuals presently engaged in actual irrigation and drainage works (2) University graduates or equivalent with at least 5 years of experience in their specialties (3) Age: over 25 and under 35 years old</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2009~Nov.14.2009
<p>The following subjects are addressed throughout lectures, discussions, experiments, practical exercises, workshops and field visits:</p> <p>(1) Agricultural infrastructure improvement (2) Agricultural land conservation and agricultural infrastructure maintenance (3) Rural development, irrigation and drainage technology</p> <p>The program includes making technical reports in consideration of appropriate technologies in these fields as well as action plans to clarify and take countermeasures against existing problems.</p>	<p>IMPLEMENTING PARTNER</p>	Agricultural Development Consultants Association
	<p>JICA CENTER</p>	JICA Tsukuba
	<p>COOPERATION PERIOD</p>	2005~2009
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The capacities of the participants to promote the agricultural extension service in their own countries by planning efficient extension programs and implementing the training programs for agricultural extension officials as well as field workers are developed.</p> <p>To reach the objective, participants are expected to :</p> <p>【Outputs】 1. Write a INCEPTION REPORT by identifying and analyzing the problems as individual, as institutional and in the responsible region 2. Acquire following methodologies through lectures, discussions or observations: (a) the outline and principles of extension service (its structure, background, process behind agricultural improvement and status of administration & management of extension services in Japan), (b) the methods of progress management and evaluation of extension services, (c) the methods of extension planning, management and making of extension programs, (d) the method of training for extension personnel, (e) the method to identify problems and tasks by analyzing the state of extension services in their own countries 3. Make an action plan integrating the knowledge and experiences gained from the training program</p>	<p>【Target group】 (1) Public management executives in charge of agricultural extension service in national or local government including extension offices (2) Management executives concerned with the education of workers in training organizations (3) Under 50 years old and a university graduate or with equivalent academic background</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>July.8.2008～Sep.12.2008</p>
<p>The following subjects are included in lectures, discussions and observation tours (1) Background of Extension Programs , Outline of Agricultural Improvement and Extension Programs (2) Principles and Methods of Extension Activities, Various Extension Methods and classification, Evaluation Method of Extension Activities (3) Extension Planning, Extension Management, Making Extension Programs (4) Management of Extension Staff, Outline of Extension Staff and Planning of Training (5) Application of the Training in Participants' Own Countries</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan Agricultural Development And Extension Association</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2005～2009</p>
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants are supposed to revise and conduct practical Action Plans to promote the movement of organizing agricultural cooperatives, to strengthen their operational and managerial capacities, and/or to incorporate the activities of agricultural cooperatives into agricultural policies to activate rural economy.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To learn how to establish the basis of or to strengthen agricultural cooperatives</p> <p>(2) To learn how to improve the business activities of agricultural cooperatives by understanding the main business systems of Japanese agricultural cooperatives</p> <p>(3) To study the activities to be conducted by agricultural cooperatives for revitalizing rural economies</p> <p>(4) To learn how to improve the policy for promotion of agriculture and agricultural cooperatives</p> <p>(5) To make an action plan or policy to promote agricultural cooperatives by using a methods such as PDM</p>	<p>(1) University or professional school graduates currently capable of managing projects at the offices of cooperative service</p> <p>(2) Expected to work in the cooperative movement for at least 5 years after attending the program</p> <p>(3) Age: Under 45 years old</p>	
CONTENTS	PROGRAM PERIOD	May.6.2008~Jul.12.2008
<p>This program consists mainly of lectures and discussions with more than 30% of its program being allocated to field trips. The main topics covered are:</p> <p>1) History and development of agriculture and agricultural cooperatives</p> <p>2) Organizations and business activities of agricultural cooperatives</p> <p>3) Distribution of Agricultural Products and Purchasing and Marketing Businesses</p> <p>4) Credit business of Agricultural Cooperative</p> <p>5) The Role and Activities of Rural Women, Promotion of rural industry by agricultural cooperatives</p> <p>6) Farm guidance by agricultural cooperatives</p> <p>7) Formulation of policy and plans related to agriculture and agricultural cooperatives</p> <p>8) PCM method for making the Action Plan</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p>	<p>THE INST.FOR THE DEV'T OF AGRICULT'L COOP. IN ASIA</p> <p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	2005~2009
	<p>REMARKS</p>	


Distribution of Fresh Fruits and Vegetables (focused on wholesale markets) 生鮮食料品流通(青果物)		GROUP 	0880990
Target Countries: Chile, Honduras, Indonesia and Vietnam		Agricultural/Rural Development—Other Agricultural/Rural Development Issues	
		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>(Objectives) Leading government officials who will be able to implement countermeasures to solve current distribution problems in the field of fresh fruits and vegetables will be fostered.</p> <p>(Outputs) 1. Understand the current problems of your own countries. 2. Understand: - distribution system for fresh fruits and vegetables in Japan. - development process, mechanism and present situation of central wholesale market in Japan 3. Understand: - production and shipment in producing districts in Japan - imports and retail sales/processing in consumer markets in Japan 4. Prepare Action Plan</p>	<p>【Target Organizations】 Governmental organization in charge of food distribution.</p> <p>【Target Group】 1. Administrators who are in charge of the implementation of modernization measures for wholesale markets or the distribution of fresh fruits and vegetables, with practical experience of at least 5 years, (The program of this training course is focused on the wholesale market system and distribution through wholesale markets.) 2. Individuals with a sufficient command of spoken and written English. 3. Individuals with a basic computer skills good enough to handle software such as Word, Excel and Power Point.</p>		
CONTENTS	PROGRAM PERIOD	Aug. 18. 2008~Oct. 23. 2008	
<p>(Programs in Japan) 1. Analyze the problems of your own countries by PCM (Project Cycle Management) method, then Country Report presentation is conducted to enhance information sharing and discussion so as to find some possible solutions. 2. Understand the following points through lectures, observations and discussion. -distribution system for fresh fruits and vegetables, -history, mechanism, function and management of central wholesale market in Japan 3. Understand the following points through lectures, observations and discussion. - cultivation and shipment in producing districts - imports situation - food processing and packaging technology - retail sales in consumer markets 4. Prepare action plan which is to be implemented after returning home countries. (Post project phase) •Sharing action plan among participant's organization and making progress report of action plan by participant's organization.</p>	IMPLEMENTING PARTNER	THE OSAKA MUNICIPAL CENTRAL WHOLESale MARKET	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS	The topic of this program is carried out with "Fresh fruits and vegetables" and "Fisheries products" every other year. FY 2008 is "Fresh fruits and vegetables".	

Target Countries: Myanmar

1 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 A required ability and capacity building for the young scientist in the NARS, universities and colleges, and JICA projects with the regional projects, etc. to develop project management for their reconstruction assistance will be improved.</p> <p>【Outputs】 (1)By acquiring the latest Plant Metabolomics Research Technology and applying on available plant resources, the basic data of plants medically effective to infectious disease will be collected (2)Practicing techniques required in their sustainable agriculture production, basic theories of the agriculture and science research that are increased in the livelihood, conservation and utilization of the plant. (3)The ability of their capacity for the plan making and management, execution of their reconstruction assistance will be acquired through their study of scientific research making the masters' thesis.</p>	<p>【Target Organizations】 National Agriculture Research Systems, Universities, and JICA projects</p> <p>【Target Group】</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Mar.1.2009~Mar.31.2011</p>
<p>(1) Genome system science, Life nano-system science, English presentation techniques, Practices of genomics, Genetic resource science, Application genomics, Genomics for the marginal land, Bio-product science, Biochemical science for environmental system, Generation system control science, Molecular cell network.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Kihara Institute for Biological Research, Yokohama City University</p>
<p>(2) Plant genetic resources science, Plant application genome science</p>	<p>JICA CENTER</p>	<p>JICA Yokohama</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	

Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives		R/F	0884002
Activity in Asia		Agricultural/Rural Development—Agricultural Policy and System	
農業協同組合活動を通じた農村振興(アジア地域)			
Target Countries: Asia		12 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 To implement the effective activities of Agricultural Cooperatives for the development of rural areas.</p> <p>【Outputs】 1. Understand the current situations and obstacles of Agricultural Cooperatives in their countries in comparison with those in Japan 2. Understand the criteria for agricultural cooperatives management and human resource development for sound management 3. Understand the roles of Agricultural Cooperatives in rural development 4. Formulate an action-plan in order to strengthen their Agricultural Cooperatives and promote rural development in their countries</p>	<p>【Target Organization】 Agricultural Cooperatives and those supervising organizations</p> <p>【Target Group】 1. University graduates or equivalent 2. Those who satisfy at least one of the requirements below: (1) Management of Agricultural Cooperatives (2) Officer who belongs to the organization of supervising Agricultural Cooperatives and who are also in charge of supporting, managing and supervising Agricultural Cooperatives, (3) Supervisor on institutional banking in Agricultural Cooperatives</p>		
CONTENTS	PROGRAM PERIOD	Sep.2.2008~Nov.26.2008	
<p>1.Preliminary Phase in a participant's home country (1)Analysis current issues in Agricultural Cooperatives in participants' jurisdictional areas and their organizations (2)Formulation and submission of Job Report to JICA together with Application Form</p> <p>2.Core Phase (activities in Japan) (1)Outline of Japan's Agricultural Cooperatives, Small scale farmers in Okinawa (Lecture and observation) (2)Management of Agricultural Cooperatives, Human Resource Development for staff members of Agricultural Cooperatives, Activities of women groups in Agricultural Cooperatives (Lecture and observation) (3)Community development for small scale farmers (Lecture and exercise) (4)Method of SWOT Analysis, Formulation of an action plan (Lecture and exercise)</p> <p>3.Finalization Phase (activities in home country) Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the Core Phase in Japan</p>	IMPLEMENTING PARTNER	Okinawa Prefectural Agricultural Cooperatives	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Expectations for the Participants: be related with JICA programs in this field will be preferable	


Extension Methodologies of Organic Agricultural Techniques for Small Scaled Farmers for Central America and Caribbean countries 中米・カリブ地域 小規模農民支援 有機農業技術普及手法		R/F  0884011
Target Countries: Central America and Caribbean		Agricultural/Rural Development—Agricultural Development 10 participants / Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Objective> Capacity development for "farming program to improve capability development for small scaled farmers" and "production and selling of organic products adapted to the certification system for small scaled farmers"</p> <p><Outputs> (1) The inception report mentioned to problems for each area is prepared through the preliminarily-activity. (2) The Program Report about organic agriculture by small scaled farmers is composed through the field program in Costa Rica. (3) Extension methodologies and organic agricultural techniques are acquired through the domestic program and Action Plan is composed.</p>	<p>(1) Technical officers or agricultural extension workers in charge of extension for agricultural techniques (2) Instructors for organic agricultural techniques or agricultural management (3) Personnel with experiences of organic agriculture for more than 2 years as the leader of farmers</p>	
CONTENTS	PROGRAM PERIOD	July.1.2008～Oct.3.2008
<p>(1) Preliminarily-activity a) Learning of Capacity Assessment b) Learning with the technical cooperation contents "Extension of organic agriculture techniques for assistance to small scale farmers' groups" c) Submitting the inception report</p> <p>(2) Field program in Costa Rica (June 15, 2008 - June 27, 2008) a) Visit to case examples b) Workshop c) Presentation of reports</p> <p>(3) Domestic program (July 1, 2008 - October 3, 2008) a) Comprehension of small scale farmers engaged in organic agriculture b) Comprehension of farmers organization and farming plan with market investigation c) Plan making for agricultural management d) Learning of organic agriculture philosophy in Japan e) Composition of Action Plan</p>	IMPLEMENTING PARTNER	Tsukuba International Center
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006～2008
	REMARKS	


Target Countries: Central Asian Countries

6 participants /

Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 This program aims to provide the participants with knowledge and techniques of organic agriculture. The participants are expected to consider how to diffuse the organic agriculture technology in participant's home country.</p> <p>【Outputs】 (1)To understand the roles of government and farmers' organization to support farmers. (2)To learn theories and practice of organic agriculture technology. (3)To learn the risks of agrichemicals. (4)To formulate Action Plan describing how to diffuse the knowledge and ideas acquired in Japan to participant's home country</p>	<p>【Target Group】 (1)Technical officers in charge of agricultural development in central/local government (2)Members of agricultural organization (3)Members of NGOs working for agricultural development</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jun.18.2008~Jul.26.2008</p>
<p><Preliminary Phase>Formulation and submission of Job Report</p> <p><Phase in Japan> (1)Overview of agriculture in Japan/Hokkaido,Agricultural cooperatives in Japan, Research institution of agriculture (2)Plant nutrition, Compost, Fertilizer and manure, Utilization of livestock wastes, Visiting farmers in Hokkaido (3)Agrichemicals, Agrichemical residue (4) Making materials to diffuse organic agriculture technology, Formulation of Action Plan</p> <p><Finalization Phase> Implementation of the Action Plan and the report of the progress.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Hokkaido International Agri-exchange Association(HIAA)</p>
	<p>JICA CENTER</p>	<p>JICA Sapporo</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	


Organizing Farmers and Roles of Agricultural Cooperatives for Central Asian Countries 中央アジア地域 農民組織化と農協の役割		R/F 	0884046
Target Countries: Central Asia		12 participants /	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Participants are expected to formulate Action Plan which aims to improve/strengthening farmers' association/agrarian organization making the best use of learnt knowledge through the training course.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) to understand the methods of organizing farmers associations;</p> <p>(2) to comprehend the roles of farmers cooperatives in Japan;</p> <p>(3) to grasp the distribution systems of agricultural products in Japan;</p> <p>(4) to formulate Action Plan which aims to improve/strengthening farmers' association/agrarian organization making the best use of learnt knowledge through the training course.</p>	<p>1) central /local government officers in charge of administrating farmers association/ agrarian organization, or executive or managing members of farmers association/agrarian organization</p> <p>2) University graduates or equivalent</p> <p>3) Over 35 and under 50 years of age</p>		
CONTENTS	PROGRAM PERIOD	May.7.2008~Jun.7.2008	
<p><Preparatory Phase> Formulation of Country Report <Curriculum in Japan></p> <ul style="list-style-type: none"> - Outline of agriculture in Japan and Hokkaido - Agricultural policy and law - Farm management - Japan agricultural cooperatives and theory of association - Agricultural credit - Agricultural mutual benefit provisions - Agricultural extension service - Distribution of agri-products - Presentation on Country Report and Action Plan - Discussion <p><Finalization Phase> Implementation of the Action Plan and the report of the progress.</p>	IMPLEMENTING PARTNER	Department of Agriculture, Hokkaido Prefectural Government	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2004~2008	
	REMARKS		

Enhancement of Water Users' Associations for Central Asia and Caucasus 中央アジア・コーカサス地域水利組合強化		R/F 	0884049
Target Countries: Central Asia and Caucasus		6 participants /	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Water users' associations (WUA) to which participants belong can efficiently and effectively distribute agricultural water to farmers' fields through the promotion of WUA activities and enhancement of WUA function, and coordination with governmental organizations concerned with management of main canals, etc.	<p>【Target Organization】 Water Users' Associations (WUA) or Federations/Unions of WUA, managing beneficiary area and beneficiary farmers in "Model Areas".</p> <p>【Target Group】 Heads or Secretary Generals of WUA, working in water management and facility management and guidance to beneficiary farmers in target organizations.</p> <p>* Target organizations should exist and be in action in "Model Areas" designated in each country.</p> <p>Azerbaijan: К ю р д а м и р с к и й р а й о н .</p> <p>Kazakhstan: М а х т а а р а л ь с к и й р а й о н Ю ж н о - К а з а х с т а н с к о й о б л .</p> <p>Kyrgyzstan: Н о о к е н с к и й р а й о н Ж а л а л а б а т с к о й о б л .</p> <p>Tajikistan: Д ж и л и к у л ь с к и й р а й о н Х а т л о н с к о й о б л .</p> <p>Uzbekistan: Т а ш к е н т с к а я и С ы р д а р ь и н с к а я о б л а с т и .</p>		
CONTENTS	PROGRAM PERIOD	Sep.1.2008~Oct.31.2008	
1) Preparatory phase: Making Inception Report 2) Irrigation Water System: Irrigation system, outline of water management, coordination between government and WUA 3) Land Improvement District: Establishment of WUA, law and regulation for WUA, organization and management system of WUA, Operation of WUA: Budget and accounting, operation of facility, daily work with beneficiary farmers, management committee 4) Maintenance of Facility: Water fee and burden on farmers, maintenance system of facilities, Irrigation on Upland Field, Practice on upland irrigation, canal flow observation 5) Making Action Plan: Rural society, farmers organizations, PRA, PCM workshop 6) Post-Training program: Remote seminar on evaluation of the Progress Report, Making Final Report and extended Action Plan (for selective follow-up cooperation)	IMPLEMENTING PARTNER	Japan Green Resources Agency	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Expected number of participants per country : 2	

Target Countries: Africa

10 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Capacities, regarding basic rice cultivation techniques or farm management techniques, of core personnel of organizations that are in charge of extension of rice cultivation techniques in Sub Sahara Region are developed. Action Plan titled as Job Improvement Plan, aimed at extending rice cultivation techniques to rural area, is submitted with authority of belonging organizations.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>【Outputs】 (1) Participants identify constraints in rice cultivation, farm management, extension system and methods concerned in the target area through self-study and preparation and presentation of Inception Report. (2) Participants are able to explain the basis of paddy rice cultivation techniques and post-harvest technology in their own terms. (3) Participants are able to explain about basis of extension methods in their own terms. (4) Participants submit Technical Reports as a result of (2) and (3). (5) Participants submit Action Plan.</p>	<p>【Target Group】 •Current Duties: presently engaged in agricultural extension activities. •More than 5 years experience in agricultural extension field (Under discussing)</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Mar.23.2009～Oct.9.2009</p>
<p>(1)Preparation and presentation of Inception Report (2)Basis and application of rice cultivation techniques for small scale including Japanese techniques Basis and application of post-harvest technology in rice Peripheral techniques such as breeding, physiology, soil nutrient management, crop protection, irrigation and drainage, and agricultural experimentation. Mechanized rice cultivation techniques (3)Agricultural extension and cooperative projects in Japan, Farmer to farmer extension Appropriate extension systems for each country Affordable extension methods (4)Midterm presentation of Technical Report. Final presentation of Technical Report. (5)Project Cycle Management (PCM) Capacity Assessment Action Plan preparation Midterm presentations of Action Plan Final presentations of Action Plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>Under Planning</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	


Horticulture crop Cultivation and Extension for Africa アフリカ地域 園芸作物・普及		R/F  0884054
Target Countries: English speaking African countries		3 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 This program aims at market oriented horticultural (vegetable) crop cultivation techniques and efficient agricultural extension approaches to farmers. Also expects the dispersion of knowledge and experience acquired by the participants within their organizations, as well as in the region they work, through discussions and meetings.</p> <p>To achieve this objective, the participants are expected;</p> <p>【Outputs】 1. to be able to extract and analyze the problems in the field of vegetable cultivation / agricultural extension / sales and distribution of vegetables in the region, and develop capacity to solve problems logically 2. to be able to provide extension of appropriate vegetable cultivation technologies to farmers 3. to develop capacity to organize small scale farmers, efficient agricultural system and agricultural techniques development system 4. to learn the market trend of vegetables and plan an appropriate distribution and sale system in participant home country 5. to formulate an action plan based on knowledge and techniques in (2) to (4), and share the technology through discussions and meetings.</p>	<p>【Target Organizations】 Administrative Organization, Extension Center, and Research Institute related to Horticultural crop cultivation</p> <p>【Target Group】 1) Current Duties: presently engaged in vegetable production as extension officers, training instructors or researchers with occupational experience of more than three years 2) Educational Background: be university graduates or have an equivalent academic background, not be doctorate holders 3) Language : be proficient in spoken and written English 4) Recommendable Qualifications 5) Age: be between the ages of twenty-five (25) and forty five (45) years 6) be recommended by the Embassy of Japan or JICA Office in respective countries, (person who participate (or will participate) in JICA's Program or Project is highly recommended)</p>	
CONTENTS	PROGRAM PERIOD	May.18.2008～Sep.13.2008
<p>1. Preliminary Phase in a participant's home country (1) Problem analysis Formulation of Inception Report</p> <p>2. Core Phase in Japan (tentative) (1) Problem analysis 1) Inception Report, 2) PCM (Project Cycle Management) workshop (2) Vegetable cultivation techniques 1) Vegetable (Solanaceae, Cucurbitaceae, Brassicaceae, etc.) cultivation techniques, 2) Seed production techniques, 3) Post harvest techniques, 4) Plant nutrition, 5) Crop growth diagnostic techniques, 6) Soil and fertilizer management, 7) Disease, Insect pest and Weed control , 8) Fundamentals of vegetable breeding, 9) Design and analysis of field experiments, 10) Study tour (seed companies, local farmer, etc.) (3) Organization, agricultural extension and agricultural technique development 1) Roles of Farmer's Organization, Agricultural Cooperative, 2) Agricultural extension planning, 3) Vegetable product & development, 4) Case study, 5) Study tour (agricultural cooperative, research center, extension center, etc.) (4) Market, Distribution and Sales of vegetable 1) International trade and Vegetables in Ease Africa, 2) Distribution of agricultural products, 3) Agricultural processing, 4) Case Study, 5) Study tour (wholesale market, processing of agricultural products, direct sales shop, etc.) (5) Action plan making 1) Action plan making and discussion, 2) Preparation of presentation 3) Presentation, 4) Correction of Action plan</p> <p>(3)Finalization Phase in a participant's home country 1) Discuss the action plan among the related stakeholders, such as participants' belonging organization, small scale farmers and so on, 2) Making the minutes of meetings of action plan discussion and modify the action plan, 3)JICA Tsukuba will hold a feedback meeting utilizing JICA-Net Remote seminar system</p>	IMPLEMENTING PARTNER	Overseas Agricultural Development Association
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008～2010
	REMARKS	


Target Countries: Central Asia and Caucasus countries


9 participants / Russian


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Participants gain the knowledge and skills on management of farm machinery, association for farm machinery, planning/evaluation for mechanization and make Action Plan to adapt the idea into respective countries.</p> <p>【Outputs】 (1) To understand the construction of farm machinery (2) To understand the method of management for farm machinery (3) To understand the method of planning of mechanization (4) To obtain the technique of management for machinery (5) To formulate Action Plan in order to utilize farm machinery effectively.</p>	<p>【Target Organizations】 Institution or Association in charge of mechanization planning and maintenance for farm machineries.</p> <p>【Target Group】 Who is in charge of management of farm machinery, planning the policy of using farm machinery.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Dec.7.2008～Mar.7.2009</p>
<p>(1) Theory of agricultural machinery (2) Basic techniques of agricultural machinery (3) Election and cost analysis of agricultural machinery (4) Relationship between agricultural society and techniques (5) PCM(Participatory Cycle Management) method, compiling Action Plan</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	<p>Under Planning</p>
	<p style="text-align: center;">JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;">COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p style="text-align: center;">REMARKS</p>	

Rural development through promoting small poultry farming in Southwest Asia 南西アジア地域 小規模養鶏農家の育成を通じた農村開発		R/F  0884081
Agricultural/Rural Development—Agricultural/Rural Development		
Target Countries: Southwest Asia Region		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 An action plan on rural development through small sized poultry will be elaborated by farming Administrative/technical extension staff in central and local government/institute in each country</p> <p>【Outputs】 (1) To understand Feeding Management in poultry, and to be able to conduct and disseminate poultry management suitable for the area condition and poultry performance. (2) To understand poultry health control measures, especially basic disease control concerning avian flu, in local government and community level. Besides, to be able to conduct and disseminate proper prevention of disease for the environmental condition through the organization/person concerned. (3) To understand comprehensive knowledge and skills on poultry farming. (4) To be able to plan poultry industry development policy suitable for the area condition.</p>	<p>【Target Organizations】 Administrative organ, Technical extension organ, Research and educational Institute</p> <p>【Target Group】</p>	
CONTENTS	PROGRAM PERIOD	Sep.9.2008～Nov.15.2008
<p>(1) •Lecture on metabolism and feeding management for improving growth and egg productivity. •Lecture on growth of the embryo. Practice on egg candling, observation of hatching, selection of normal chicks and calculation of hatching rate. •Lecture and practice on rearing chick management and chick sexing. •Lecture on manure fermentation and utilization. Visit to related institute. •Lecture on transition, current situation and future prospect of facilities for poultry production. Visit to relate to facilities and institutions. •Lecture and practice on reproductive physiology. • Practice on semen collection and artificial insemination. • Lecture on the history of poultry domestication in Japan and basic theory of genetic improvement. •Lecture on outline of poultry nutrition. • Lecture on nutritional characteristics of common feed and the ones which are used in the developing countries. • Lecture and practice on theoretical feed designing method. • Lecture on utilization of byproducts to livestock feed. Visit to related facility. • Practice on proximate analysis method of feed ingredients.</p> <p>(2) •Lecture and practice on epidemic prevention (disinfecting method of poultry houses and equipment, the type of vaccines and their applying methods, diagnostic method of major infectious disease, quarantine of imported animal). Visit to related institutions. • Lecture on health control measures based on the lecturer's experience in developing countries. • Lecture and practice on symptoms, diagnoses and autopsied findings of major infectious disease especially focus on avian flu. • Explanation on the outbreak situation of avian flu and countermeasures against avian flu in local government and community in Japan. • Lecture on zoonotic infection and its preventive measures.</p> <p>(3) • Lecture and practical training on basic knowledge of rural development. • Lecture on dissemination condition of all the country of the world. • Lecture on promoting indigenous breed chicken production and rural revitalization. Visit to related organizations. • Lecture on marketing of eggs and chicken. Visit to related organizations and institutions. •Lecture on the method for rural developing planning based on items above-mentioned.</p> <p>(4) • Making, presentation and discussion about Action Plan by every participant. • Lecture and practice on PCM (Project Cycle Management) method.</p>	IMPLEMENTING PARTNER	National Livestock Breeding Station Incorporated Administrative Agency
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2008～2010
	REMARKS	

Post-harvest Rice Processing (African Countries (French)) アフリカ地域(仏語圏) 稲作収穫後処理		R/F 	0884082
Target Countries : African Countries (French)		10 participants /	French
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Technical administrators who lead local farmers will gain appropriate techniques for post-harvest rice processing. The action plan improving post-harvest will be considered.</p> <p>【Outputs】 (1) Study appropriate harvest techniques (2) Rice production, rice distribution systems and the function of agricultural cooperatives in Japan. (3) Learn the methods for post-harvest rice processing (4) Methods and functions for milling machinery and related equipments as well as processing facilities. (5) Study of the design and management of rice handling and processing facilities.</p>	<p>【Target Organizations】 Central and local government, Agricultural cooperative, Farmer's association</p> <p>【Target Group】 (1) Technical officials who lead local farmers, such as agricultural extension officers with more than three years experience in teaching rice crop (2) Individuals who will lead local farmers from agricultural cooperatives or organizations concerned</p>		
CONTENTS	PROGRAM PERIOD	Sep.7.2008~Oct.5.2008	
<p>(1) Study appropriate harvest techniques considering best water contents in rice (2) Understanding of rice production, rice production systems and the activities of agricultural cooperatives in Japan. (3) Study of the methods and facilities for harvesting, threshing, drying, husking and storage etc.. (4) Study methods and functions for milling machinery and related equipment as well as processing facilities. Measuring methods used in related fields. Discussion within trainee. (5) Study of the design and management of rice handling and processing facilities.</p>	IMPLEMENTING PARTNER	Faculty of agriculture, University of Yamagata	
	JICA CENTER	JICA Tohoku	
	COOPERATION PERIOD	2008~2010	
	REMARKS	<p>Program period will be set at September (harvest season) to study appropriate harvest techniques considering best water contents in rice. The detailed curriculum for this year is still under consideration. The final program contents will be announced in the General Information form.</p>	

Principle and practice of the dairy cow management for milk production with better quality in Middle East Region 中東地域 良質な牛乳生産のための乳牛の飼養管理		R/F 	0884140
Target Countries: Middle East		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 To develop human resources capable of formulate establishment of improvement and improvement method on management of feeding techniques of dairy cows is able to formulate by the people who are engaged in leading this field</p> <p>【Outputs】 (1) To be able to explain the improvement of dairy cows and reproduction management (2) To be able to explain the management of feeding and nutrition (3) To be able to explain the improvement of milk quality (4) To be able to explain the the heat environment (5) To be able to formulate the plan on the feeding management of dairy cows after returning home</p>	<p>【Target Organizations】 Ministry of Agriculture, Agricultural Extension Center, Universities</p> <p>【Target Group】 1) Technical assistance, technical leader, extension worker 2) Have more than three years of experience in agricultural production and distribution field</p>		
CONTENTS	PROGRAM PERIOD	Sep. 23. 2008 ~ Nov. 21. 2008	
<p>Preparatory phase: Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics. (1) Evaluation method for individual ability of dairy cows/ Improvement method of dairy herd/ Planning of breeding/Method of dairy cows culling/ Basic knowledge of reproductive cycle of dairy cows/ Other reproduction techniques (2) Peculiarity of feed and evaluation method of nutrition value/ management of grassland/Modification of feeding/Preservation techniques/Nutrition management/Feed calculation/Reuse of by-product (3) Basic idea of improvement for hygiene of milk quality / Basic techniques of milking/Assessment of milk quality/ Countermeasures for mastitis (4) Feeding production in the heat environment/ Basic method of feeding management of dairy cows/ Controlling for the heat environment for dairy cows (5) Presentation and discussion on present condition and issues of participants' countries/Formulation and presentation of the interim report</p> <p>Post-Program Activities: Submit the final report on activities after returning home country.</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


Asia-Africa Cooperation on "Rural Community Development by Livelihood Improvement Approach" アフリカ地域「アジア・アフリカ協力・生活改善アプローチによる農村コミュニティー開発」 Target Countries: Africa		R/F 	0884180
		Agricultural/Rural Development—Rural Development	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Participants of the course learn knowledge and skills about the Livelihood Improvement Approach, and utilize them to their respective job activities after returning.	Applicants for the training course should fulfill all of the following requirements; 1) be forty-five (45) years of age or under, 2) have a sufficient ability of English to undergo the training, 3) commit submission of Progress Report (after 2 months of the training course in Japan), Interim Reports (after 8 months) and Final Report (after 11 months) to JICA Tsukuba through JICA Overseas Office in respective countries, and 4) be recommended by the Embassy of Japan or JICA Office in respective countries, (person who participate (or will participate) in JICA's Program or Project is highly recommended) And each country is required to nominate 3 applicants who are able to implement Action Plan together and job description of each as mentioned below; (1) Field Worker Extension worker of governmental institution / NGO who is engaged in field work related to rural community development more than three years. (2) Management Officer Local government officer who is in charge of management of the activities' implementation. (3) Planning Officer Local government officer who is in charge of planning and evaluation of rural community development projects.		
【Outputs】 As the expected results of the course, participants are expected; 1. to be able to explain the outline of livelihood improvement movement in Japan, facilitation methodology in livelihood improvement approach and necessary government support system, 2. to be able to explain success factors of good practices of Japan, of SONGA-MBELE in Kenya, and of participants' countries, through comparative discussions, 3. to formulate an action plan to apply the livelihood improvement approach to the respective target area, 4. to promote rural community development by formulation and implementation of progress report (final action plan) through discussions with their belonging organization			
CONTENTS	PROGRAM PERIOD	Jan.18.2009~Mar.7.2009	
1. Preparatory program (1) Inception report I making Self-Study on Technical Cooperation Contents "Livelihood Improvement Approach for Rural Community Development". (2) Program in Kenya (2-3 weeks) Learn the history and activities of "Songa-Mbele", who promoted by Sr. Veronica. "Songa-Mbele" is one of the best rural development practice in Africa, and participants can learn their activities theoretically and practically in Kenya. (3) Inception Report II making After program in Kenya, participants will be requested to carry out a baseline survey in your working area. This survey's result will be utilized to make an action plan in Japan. 2. Program in Japan (1) Understanding the roles of facilitators • Lecture and practice using the Content module 1 and study tour (2) Understanding the necessary support system by the government • Lecture and practice using the contents module 2 and study tour (3) Comparative discussion (Japan, Kenya and each countries) • Inception report presentation • Discuss the result of program in Kenya • Case study of the other country's good practice • Discuss good practice of each country (4) Consider the possible application method • Making an action plan • JICA-Net remote conference connected between Japan and respective country's JICA office • Action plan presentation 3. Post-program activities I : Submission of Progress Report and JICA-Net seminar (May, 2009) II : Submission of Interim Report and JICA-Net seminar (Nov, 2009) III : Submission of Final Report and JICA-Net seminar (Feb, 2010)	IMPLEMENTING PARTNER	TAIYO CONSULTANTS CO., LTD	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2006~2008	
	REMARKS	1. Each country is required to nominate 3 applicants (mentioned in TARGET GROUP) who are able to implement the JIP together. 2. Participants should submit three reports (after 2, 8 and 11 months of training in Japan) to JICA Tsukuba through a JICA Overseas Office.	

Capacity Development for the supports of Farmers' Organizations and Management for Francophone Africa 仏語圏アフリカ地域「農民組織化・運営支援に係る能力強化」		R/F 	0884196
Target Countries: Francophone Africa		10 participants /	French
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Participants of the course understand Japanese Livelihood Improvement approach, and consider the applicable methods to organize farmers group in their country.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>【Outputs】</p> <ol style="list-style-type: none"> 1. Analyze the situation, problem and good practice of organizing the farmers group in the working areas, and summarize them as Inception Report. 2. Understand the outline and history of Japanese livelihood improvement approach. 3. Learn the group activities based on the Japanese livelihood improvement movement, and consider the similarity and difference compared with rural development activities in your working area. 4. Understand the system and strategy of Japanese livelihood improvement activities, and consider the application method to their working area beyond the context. 5. From 1 to 4 and African case study, consider the application strategy to working area and summarize them as Action Plan. 6. Discuss the Action Plan in belonging institute after returning, and submit the minutes of meeting and modified action plan as final report. 	<p>【Target Organization】</p> <ol style="list-style-type: none"> 1. Department of agricultural extension in the Central Government, 2. Department of agricultural extension in the Local Governments, 3. NGO in agricultural extension <p>【Target Group】</p> <ol style="list-style-type: none"> 1) Applicants should be under 45 years of age, 2) Applicants should have enough English proficiency <p>In addition, applicants should fulfill following A or B.</p> <p>A) Officers who have worked as a officer at Central or Local Government more than 5 years, and now are engaging in rural development planning.</p> <p>B) Officers who have worked as an officers of local government or extension institute or NGO more than 10 years, and can explain the good practice of farmers group organization in detail.</p> <p>*person who participate (or will participate) in JICA's Program or Project is highly recommended</p>		
CONTENTS	PROGRAM PERIOD	Oct.13.2008～Nov.22.2008	
<ol style="list-style-type: none"> 1. Pre-Program <ol style="list-style-type: none"> 1) Self-Study on Technical Cooperation Contents "Livelihood Improvement Approach for Rural Community Development" 2) Preparation of the Inception Report 2. Program in Japan <ol style="list-style-type: none"> 1) Understand the situation and problem Modification and presentation of Inception Report 2) Understand the meaning of farmers organization outline of farmers organization, discussions 3) Understand the methodology of organizing the farmers group outline of facilitation, facilitation methodology, study tours, discussions 4) Understand the government support system relationship between central government and local government, case study, discussions 5) Application of Japanese experience to the developing countries. action plan making 3. Post-Program <ol style="list-style-type: none"> 1) Present the action plan among the concerned staff after returning, and summarize the comment as minute of meeting. 2) Modify the action plan based on the comment in the presentation, and submit both documents as final report. 	IMPLEMENTING PARTNER	Rural Women Empowerment and Life Improvement Association (WELI)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

Target Countries: Middle East

8 participants / Arabic

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of the program, the participants are expected to achieve the followings;</p> <p>To formulate irrigation plans in accordance with farming plans especially of upland crops and to establish guidance and support systems for water management and on-farm irrigation techniques to farmers, in consideration of water saving.</p> <p>To achieve this program objectives, participants are expected in Japan;</p> <p>(1) To understand appropriate management of water resources for agricultural usage. (2) To improve on-farm irrigation techniques considering relationship of farming plan and irrigation plan / method, stage of cultivation, and soil conditions. (3) To understand system of Participatory Irrigation Management (PIM) operating water distribution and facility management / maintenance by Water Users' Associations (WUA). (4) To understand organizational system of extension and training of irrigated agriculture to farmers. (5) To compile Action Plan to adapt training outputs in local condition and promote irrigated agriculture with water savings.</p>	<p>【Target Organization】 Central or Regional Governments including Bureaus and/or Departments related to promotion and/or extension of irrigated agriculture.</p> <p>【Target Group】 Technical officials / Engineers in charge of demonstration, experiments, extension / training activities to farmers on irrigated agriculture by efficient water use. ①Researcher in research institute is out of scope. ②Manager class who can manage and supervise extensions is better. ③Personnel who can understand English by certain level as second language.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.15.2008～Nov.30.2008</p>
<p>(1) Preliminary Phase in a participant's home country (by participating country side) Making "Inception Report" by use of concept of Capacity Assessment on CONTEXT of promotion and extension of water saving irrigation.</p> <p>(2) Core Phase in Japan ①Water resources and irrigation facilities ②Irrigation plan/method and on-farm Irrigation ③Participatory Irrigation Management (PIM) by Water Users' Associations (WUA) ④Organizations and system for extension/training of irrigated agriculture</p> <p>(3) Third Country Phase in Jordan Method of experiment for verification of local adaptability of on-farm irrigation techniques</p> <p>(4)Finalization Phase in a participant's home country (①②④by participating country side, ③by Japan side) ①Approval by participating organization of Action Plan, and implementation of it. ②Participants make and submit the "Progress Report" on situation of implementation of Action Plan. ③(If necessary), Remote seminar on confirmation of progress of Action Plan by TV meeting system. ④participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	<p>IMPLEMENTING PARTNER</p>	<p>JICA Tsukuba</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2007～2009</p>
	<p>REMARKS</p>	<p>①Program period is under planning. ②Third Country Phase in Jordan is planned on NCARE (National Center for Agricultural Research and Extension) for 1～2 weeks.</p>

Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa アフリカ地域小型草食家畜生産を通じた農村開発		R/F 	0884249
Target Countries: Africa		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 The objective of this program is to train personnel who will have knowledge and techniques to improve productivity of small herbivorous animal husbandry, extension methods and efficient approaches to rural development</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>【Outputs】 (1) To acquire knowledge and techniques of breeding management for goat and sheep (2) To acquire knowledge and techniques of Processing of stock Raising Product (3) To obtain expertise on the extension methods of animal husbandry and efficient approaches to rural development (4) To make an Action Plan for rural development through small herbivorous animal's husbandry in respective countries (5) To present each action plan in belonging institute, and submit minutes of meeting as final report.</p>	<p>【Target Organizations】 Agricultural and rural development offices of both central and regional governments, extension offices and research institutes in African countries.</p> <p>【Target Group】 * Officers of above mentioned government offices * Technical officers in stockbreeding of extension offices and research institutes * More than 5 (five) years experience in stockbreeding * 25~45 years old</p>		
CONTENTS	PROGRAM PERIOD	Sep.7.2008~Nov.15.2008	
<p>The following subjects are included throughout lectures, practices and observation tours.</p> <p>(1) Nursing and Raising, Disease Control and Treatment, Breeding Management, Artificial Insemination, Semen Control, Out-seasonal Breeding, Pregnancy Diagnosis, Delivery Observation, Feed Production and Feeding (2) Nutrition of Stock Raising Product, Processing of Milk and Meat (3) Extension Method of Techniques of Animal Husbandry, Rural society and transition of agriculture and agricultural techniques in Japan, Gender in rural development, Approach to livelihood improvement, Supporting methods of small-scale farmers, Small-scale distribution and sales of agricultural product, Farmers' association, Rural development through animal husbandry (4) Project Cycle Management Workshop, Inception Report writing and presentation, Action Plan writing and presentation (5) To present each action plan in belonging institute, and submit minutes of meeting as final report.</p>	IMPLEMENTING PARTNER	National Livestock Breeding Center	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS		


Target Countries: Countries in Asia and Africa with JICA remote communication facilities

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Effective approaches for sustainable rural development projects in Asian and African countries are proposed through experience acquired by implementing job improvement plans and by applying thematic materials and technical reports.</p> <p>Expected results are:</p> <p>(1) Enhanced capacity to conduct surveys and analyze actual conditions and problems in rural development</p> <p>(2) Enhanced fundamental capacity by acquiring a variety of methods and skills essential for rural development</p> <p>(3) Study of feasible countermeasures in respective countries and formulation of the results into job improvement plans, thematic materials and technical reports, by conducting case studies in Japan, field study programs in Thailand, and individual technical programs</p> <p>(4) Improved skills in preparing monitoring reports regarding the information and experience acquired by implementing job improvement plans and by applying thematic materials, and subsequently, sharing and discussing of the results with the network of participants and persons concerned</p>	<p>[Target Organizations] Those handling rural development projects such as central/local governments and NGOs</p> <p>[Target Group] Applicants must have been working in one of the organizations mentioned above for at least 5 years, and been recommended and approved by their organization. Must be under 45 years old, have an outstanding academic record, and have an excellent knowledge of English (e.g. TOEFL 550, TOEIC 730).</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Feb.9.2009~Dec.12.2009</p>
<p>1.Preparatory phase Attending course guidance and some lectures through the JICA-Net System, self-learning with materials provided by JICA and report-making. Preparing inception reports to identify and analyze problems in rural development (from August 2008 to January 2009) in respective countries</p> <p>2.Program in Japan The participants of the program will develop the capacities to prepare thematic materials, technical reports, job improvement plans, etc. through the following lectures, workshops, experiments and field studies.</p> <p>(1) Outline of rural development, problem analysis, capacity development (2) Common subjects: Participatory development, gender issues, project cycle management, etc. Elective subjects: Farming system, conservation of soil resources, agricultural & forestry extension and rural education, rural development planning & execution, appropriate use of genetic resources and conservation and sustainable use of biological diversity, etc. (3) Japanese experiences in rural development such as livelihood improvement, land improvement districts, small-scale marketing of agricultural products, etc.</p> <p>3.Post-program Implementing some activities, utilizing training products, preparing monitoring reports for 1 year and attending follow-up seminars through JICA-Net</p>	<p>IMPLEMENTING PARTNER</p>	<p>University of Tsukuba</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	<p>(1) Countries are targeted in Asia and Africa with JICA remote communication facilities because some programs are conducted through TV conference systems. (2) Participants of this training program will be awarded a Master's Degree of Science in Agriculture from the University of Tsukuba by satisfying the predefined requirements.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Improvement plan of livestock production system which enable the sustainable development appropriate for local situation is formulated.</p> <p>To attain the objective, participants are expected to achieve the followings:</p> <p>(1) To be able to guide the significance of the sustainable livestock production system and learn about the breeding and reproduction of livestock</p> <p>(2) To be able to guide livestock nutrition, management and hygiene control</p> <p>(3) To be able to guide production, use and storage of feed resources</p> <p>(4) To be able to guide a sustainable livestock production system and its supporting organizations</p> <p>(5) To be able to guide the treatment and effective use of livestock excreta</p> <p>(6) To be able to formulate improvement plan of livestock production for their organizations</p>	<p>【Target Organizations】 Ministry of Agriculture etc. that are related to livestock production</p> <p>【Target Group】 (1) Those who possess basic knowledge of livestock production systems and are able to plan policies regarding the promotion of livestock production in home countries. (2) Teachers and researchers who work at higher education organizations or research institutions and control education and training for extension staff who diffuse livestock production techniques in the field. (3) Individuals with more than 3 years experience. (4) University graduates or equivalent.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jul. 29. 2008 ~ Sep. 26. 2008</p>
<p>Preparatory phase: Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)</p> <p>Program in Japan: This course consists of lectures , practical exercise, observation and discussion of the following contents.</p> <p>1) Production techniques that can be introduced into the home countries through the observation of various sustainable livestock production systems in Hokkaido</p> <p>2) The effective use of livestock waste, processing techniques and environmental conservation techniques</p> <p>3) Recognize the importance of an information network that crosses borders and learn the diffusion method of the sustainable livestock production system by collecting information efficiently</p> <p>4) Analyze various problems concerning the livestock production system of the home countries and learn the method to take implement improvement measures of this system after going home country</p> <p>5) To make a concrete interim report</p> <p>Activity after going home: Submit the final report on activities after returning home country.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Obihiro University of Agriculture and Veterinary Medicine</p>
	<p>JICA CENTER</p>	<p>JICA Obihiro</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	<p>Questionnaire about diffusion of effects of the program and execution of the Action Plan.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of the program, the participants are expected to achieve the followings;</p> <p>A comprehensive infrastructure improvement project for agricultural and rural development is planned. (Or, the establishment of laws and systems to implement and support infrastructure improvement is promoted.)</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1) Frameworks of Japanese laws and systems on agricultural and rural infrastructure improvement projects are understood. (*Understanding of NOT each technical matter/subject).</p> <p>(2) Project planning methods on agricultural and rural infrastructure improvement are understood.</p> <p>① Various projects for the improvement of agricultural productivity ② Various projects for the improvement of farmers' living conditions</p> <p>(3) Farmer participation methods for the appropriate maintenance of developed agricultural and rural infrastructure are understood, and</p> <p>(4) An "Action Plan," which presupposes its adoption and application to his/her own country, is drafted.</p>	<p>【Target Organizations】 Central or Regional Governmental (Ministry/Agency) in charge of infrastructure improvement related to agricultural and rural development.</p> <p>【Target Group】 ① (Administrative / Technical) Officials (if possible, holding Head / Manager position in section) in charge of making law and system to implement and support infrastructure improvement related to agricultural and rural development. ② Have more than 5 year's experiences in governmental organization or related institution.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Mar.1.2009～Apr.30.2009</p>
<p>(1) Preliminary phase in a participant's home country (by participating country side)</p> <p>① Making and submission of "Inception Report" to clarify, analyze and recognize the CONTEXT related to infrastructure for agricultural and rural development in his/her own country by use of concept of Capacity Assessment).</p> <p>② Examination of the skeletal essentials of Action Plan (a Scenario).</p> <p>(2) Core Phase in Japan Participants are requested to add the body and substance to the skeletal essentials of a Scenario using knowledge and experiences of below fields in Japan, and develop a Scenario (draft);</p> <p>① Frameworks of Japanese laws and systems on agricultural and rural infrastructure improvement projects.</p> <p>② Project planning methods on agricultural and rural infrastructure improvement. • Various projects for the improvement of agricultural productivity • Various projects for the improvement of farmers' living conditions</p> <p>③ Farmer participation methods for the appropriate maintenance of developed agricultural and rural infrastructure.</p> <p>(3) Finalization Phase in a participant's home country (by participating country side)]</p> <p>① Approval by participating organization of the examined and authorized scenario</p> <p>② Based on the approved Action Plan, participants implement the activities with ownership and/or their organization.</p> <p>③ Participants make and submit the "Progress Report" on situation of implementation of Action Plan.</p> <p>④ Participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Under Planning</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2007～2009</p> <p>REMARKS</p> <p>① Program period is under planning. ② In this program, "Action Plan" is defined as "an administrative scenario for the establishment of laws and systems and the development of project plans that Government (Ministry/Agency), concerned to agricultural administration, should implement in order to improve agricultural productivity and farmers' living conditions".</p> <p><Examples of Scenario> Development (or proposal) on ① Laws, systems and guidelines ② Project plans ③ Improvement plans for organizational control and system ④ Development plans / strategies for target areas and groups, etc.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of 3 years' program, the participants are expected to achieve the following;</p> <p>In each country, institutional system in agriculture is established or improved, based on Action Plan which have formulated by 2nd year program, or cooperation proposal of project in the necessary field or subject is formulated.</p> <p>At the First year program on this year;</p> <p>On agricultural policies and measures of the target country, field / subject in which institutional system can be established or improved utilizing Japanese-style agricultural administration and system, is examined and narrowed down.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1) To explain about issues or tasks on agricultural administration and policy in own country, (2) To understand Japanese agricultural policies and measures, and legal / institutional system, (3) To understand main and characteristic Japanese agricultural technology, (4) To understand Japanese ODA strategy and its frame, achieved results and future prospect, and (5) To consider techniques, knowledge, know-how and organizations to contribute on establishment of new institutional systems or improvement of existing one on agricultural policy and measure, and to formulate Action Plan for solving issues and tasks.</p>	<p>【Target Organizations】 Department / Bureau concerned to agricultural policy planning or international cooperation affairs, in Central Government (Ministry / Agency), in principal, responsible for agricultural administration. (The target organization shall be fixed during cooperation term (3 years)).</p> <p>【Target Group】 ① be officer assigned on planning policy or international cooperation affairs, preferably has organizational position as section chief or sub-director. ② have more than 1 year experience in the above field (planning policy or international cooperation affairs). ③ participant should continue present job/post (policy planning, or international cooperation affairs) at least 1 year, to keep continuity of whole program.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jul.6.2008～Aug.2.2008</p>
<p>(1)Preliminary Phase in a participant's home country (by participating country side) ①Collecting and sorting of kinds of material on statistics, law, institution, guideline on agricultural administration. ②Making "Inception Report" by Capacity Assessment through analysis of own country's current situation of agricultural administration, policy and measure, and institutional / legal system.</p> <p>(2)Core Phase in Japan ①Agricultural administration (national level, prefecture level, municipality level). ②Legal and institutional system on Japanese agriculture. ③Plan for execution on each subject / field by Japanese style administration system. ④Technology development system and observation on technical application site. ⑤Outline of JICA's role, activity and cooperation scheme. ⑥Achievement of cooperation on agricultural and rural development, and future prospect. ⑦Consideration on applicability and adaptability in Japanese style agricultural administration system. ⑧Making plan on establishment of new institutional systems and improvement of existing institutional system through PCM procedure.</p> <p>(3)Finalization Phase in a participant's home country (①②by participating country side, ③by Japan side) ①Holding workshop / presentation / report of output in Japan to related organizations and stakeholders with ownership of participants' organization. ②Making "Final Report" on evaluation and acceptability of output in Japan based on above process. ③ (If necessary) Consultation with ex-participant and participating organization by TV meeting system.</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;">JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;">COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p style="text-align: center;">REMARKS</p>	<p>①This program is "Project-type" that target country and organization shall be fixed during cooperation term (3 years) to achieve 3rd (final) year program objective. ②According to the above reason, new country can not be allocated to this program from 2nd or 3rd year in principal. ③On 2nd year program, executive class participant who are decision maker, will be accepted from each country within 2 weeks at Core phase in Japan.</p>

Administration of Livestock Industry 畜産行政		GROUP  0880076
		Agricultural/Rural Development—Agricultural Policy and System
		8 participants /
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The program point is that the participants recommend their own nation, region and organization workable planning themselves. Their workable planning will be made out as action plan through the acquired knowledge and skills for the concrete issue resolution of the livestock production.</p> <p>【Outputs】 (1) To understand fundamental principle on administrative organization. (2) To understand administrative measure and system of animal industry for end up finding a solution of administrative issues (3) To understand comprehensive knowledge and skills of animal production, hygiene etc. for solving administrative issues. (4) To be able to planning of livestock industrial promotion project in line with the current conditions of their own countries and to gain a further understanding of problem analysis and solution approach from the viewpoint of rural development.</p>	<p>【Target Organizations】 administrative organ 【Target Group】</p>	
CONTENTS	PROGRAM PERIOD	Jan.6.2009～Mar.14.2009
<p>(1) •Lecture on history, basic plan and strategy of agricultural basic act. •Lecture on history of legislation concerned livestock industry. Lecture on basic policy and setting goals concerned livestock industrial promotion. •Lecture on administrative measure such as credit policy and granted project. •Lecture on coordination with central and local administration. Visit to related institution. (2) •Lecture on administrative measure and system concerned promotion of farming with livestock in the early postwar years. •Lecture on administrative system concerned promoting animal production and protecting farm producer. •Lecture on administrative system concerned distribution of animal living body and livestock product. Visit to related organization and facilities. •Lecture on history and role of related animal industrial organization. Visit to related organization. •Lecture on history and activity of agricultural cooperative and farm producer group. Visit to related organization.</p> <p>(3) •Lecture and practice on reproduction technology in line with the current conditions of their own countries. •Lecture and practice on minimum of hygiene control technology. •Lecture and practice on breeding improvement method in line with the current conditions of their own countries. •Lecture and practice on concrete technology of feed production, feed processing and by-product utilization. •Lecture and practice on concrete animal waste disposal technology. •Visit to institutions which are related research for animal productivity enhancement and disease control and prevention. (4) •Lecture on the idea and the method of rural development and introduction of the case. •Lecture and practice on the Project Cycle Management method. •To make out action plan and to make a presentation and evaluations about it.</p>	IMPLEMENTING PARTNER	National Livestock Breeding Center Incorporated Administrative Agency
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2008～2010
	REMARKS	

Sustainable Management of Irrigation and Drainage Project かんがい排水プロジェクトの持続的 management		GROUP  0880200
		Agricultural/Rural Development—Agricultural Development
		11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>At the end of the program, the participants are expected to achieve the following;</p> <p>Agricultural water is rationally and efficiently distributed from main facilities to beneficiary's farmer's field.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1-1) Relation between farming plan and irrigation plan is logically understood based on the findings of importance between irrigated agriculture and farming system, (1-2) Basic techniques to plan and conduct efficient water management, and water circulation including drainage are understood, (2-1) Throughout problem findings in total irrigation system, efficient water management and distribution system to farmers' field is understood, (2-2) Function of each facility in total irrigation system as well as water management techniques and facility maintenance techniques are understood, (3) For the efficient water distribution and supply to farmers' field, sustainable water management and facility management system are understood, and (4) From the broad viewpoints such as policy and institution / system on irrigated agriculture, method of analysis and identification on faced problem, project planning and guidance to related official and beneficiary farmers are understood.</p>	<p>【Target Organizations】 Central or main Regional / Local Governmental (Ministry / Agency / Institution) responsible for planning, execution and management (including establishment, enhancement and activating water users' associations) on irrigation and drainage project for lowland (paddy) field or upland field.</p> <p>【Target Group】 ① be an technical official (or engineer), particularly those to plan, execute and manage the irrigation and drainage project for lowland (paddy) field or upland field. ② have more than 5 years' experience in the field of irrigation, civil engineering, etc.</p>	
CONTENTS	PROGRAM PERIOD	Jun.24.2008~Nov.22.2008
<p>(1) Preliminary Phase in a participant's home country (by participating country side) Making and submission of "Inception Report" to clarify, analyze and recognize the CONTEXT to promotion of irrigated agriculture by sustainable operation and management of irrigation water and facility by use of concept of Capacity Assessment.</p> <p>(2) Core Phase in Japan Against faced problem/difficulties, through lecture practice/experiment and observation related to below topic outline, participants are required to compile Interim Report which consists of two papers as a practical output to be left in Japan; ① Technical Report, ② Action Plan.</p> <p>Topic outline (subject to minor changes); ① Basic techniques of irrigated agriculture, and irrigation and drainage system. ② Water management techniques and operation / maintenance / rehabilitation techniques of irrigation facilities. ③ Establishment of organization and system for water management and facility management. ④ Analysis and identification on faced problem, and project planning and guidance method to related official and beneficiary farmers.</p> <p>(3) Finalization Phase in a participant's home country (by participating country side) ① Based on participants organization's and stakeholders' consensus and approval by reporting Interim Report to them, participants finalize the Action Plan. ② Participants implement the activities of Action Plan with ownership of participants and/or their organization. ③ Participants make and submit the "Progress Report" on situation of implementation of Action Plan ④ Participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	IMPLEMENTING PARTNER	Japan International Research Center for Agricultural Sciences
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006~2010
	REMARKS	

Participatory Community Development for Practitioners through JICA-NGO Partnership JICA-NGO連携による実践的参加型コミュニティ開発		GROUP  0880805	
		Agricultural/Rural Development—Rural Development	
		19 participants ★ / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Formulating an action plan toward participatory community development based on the acquired project management method by staffs working on Local NGO, International NGO and relevant ministry 【Outputs】 (1) Participants will be able to explain concept of community development (2) Participants will be able to explain role of outsider on community development and development method by the outsider through local wisdom (3) Participants will be able to explain necessary point of view like diversity, minority, inclusion and conflict resolution (4) Participants will be able to explain linkage method with a wide variety of stake-holders (5) Participants will be able to formulate an Action plan toward participatory community development	【Target Organizations】 Local NGO and International NGO which engage in participatory community development /[Be available only with NGO participant] Relevant Ministry which engages in coordination with NGO 【Target Group】 1) be leaders or project managers of local/national NGO who are engaged in rural/community development projects/programs in their countries. 2) have at least three (3) years of field experience working for rural/community development projects/programs, 3) be preferably currently engaged in rural/community development with prospects of continuous involvement in the future.		
CONTENTS	PROGRAM PERIOD	Aug.18.2008～Oct.2.2008	
(1) Discussion concerning <Analyzing what is the community, why the community is valued on development><Presentation and analyzing of community development which is managed by participants> (2) Discussion concerning<Analyzing on role of outsider on community development><Facilitation method to promote the development led by the residents> Fieldwork concerning<Philosophy of local wisdom> (3) Discussion and Fieldwork concerning<Diversity, inclusion, gender on participatory community development><Diversity-based conflict resolution to achieve partnership> (4) Discussion and Fieldwork concerning<Analyzing a wide variety of stake-holders on community development><Case study of linkage method with community, government and NGO> (5) Formulation, Presentation and Discussion of Action plan which is based on output of this program	IMPLEMENTING PARTNER	Asia Volunteer Center	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008～2010	
	REMARKS	This seminar will be implemented twice for JFY 2008. The second one is scheduled from Nov.3.2008 to Dec.19.2008 in the same content.	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>'Action Plans' for rural development promotion, written by the participants at the end of the program in Japan, will be implemented in the respective countries/regions.</p> <p>To reach the objective, participants are expected to achieve the following: (1)To learn methods of rural development and the roles of leaders (2)To learn the roles of farmers' association to promote rural development (3)To learn distribution system and marketing in Japan (4)to formulate Action Plan which aims to solve issue(s) he/she is facing in rural development making the best use of learnt knowledge through the training course and report the progress of Action Plan within three (3) months after completion of the training course.</p>	<p>(1)Officers in charge of agricultural development/rural development in central/local government, or Agricultural extension workers</p> <p>(2) University graduates or with equivalent qualifications</p> <p>(3) Over 25 and under 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Jul.29.2008~Sep.6.2008
<p>< Preparatory phase > Formulation of Country Report < Phase in Japan > (1) Lectures: Rural development, Agricultural cooperative associations, Agricultural financial systems, Women's role in agricultural farms, Farm accounting, Outline of Local Governance (2) Field study: Municipalities which have implemented rural development promotion, Japan Agricultural Cooperatives (JA) branch offices, Agricultural extension service centers, Wholesale markets, Supermarkets, etc. (3) Practice: Project Cycle Management (PCM), Farmwork and staying with a farming family Presentation/Discussion: Country Report, Case study, Action Plan < Finalization Phase > Implementation of the Action Plan and report the progress as a Final Report within three (3) months after completion of the training course.</p>	<p>IMPLEMENTING PARTNER</p> <p>Hokkaido International Agricultural Exchange Association</p>	<p>JICA CENTER</p> <p>JICA Sapporo</p>
	<p>COOPERATION PERIOD</p>	2004~2008
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】Through the master's thesis making, participants who belongs to the each country research institute are going to obtain the research technique in the field of agriculture/environment, such as (A) Adaptive cultivation technology development, (B) Soil/Water cycle conservation. In addition, the examination ability of belonging institute improves through execution of the research plan, which utilize the obtained research technique in Japan, after returning respective countries.</p> <p>【Outputs】1) Extract the problem which their belonging institute has / Making a draft research plan in Japan 2) Making a research plan in Japan, and report it to their belonging institute in respective countries 3) Material collection, execution of research in Japan, and make a thesis 4) Making and discuss the research action plan 5) Execution of research action plan after returning respective countries</p>	<p>【Target Organizations】 Research institute related to the field of agriculture/environment</p> <p>【Target Group】 Researcher who works in the sector of sustainable development of agriculture, who works or will work for JICA project in their countries.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Oct.1.2008～Sep.30.2010</p>
<p>(1) Consider A necessary research technique for the extraction and the problem solution of the research problem of agriculture and the environment that respective countries holds (pre-program/by JICA-Net conference). Make Inception Report(Research Plan)</p> <p>(2) Correct Inception Report reflecting the lecture, case study and the discussion with supervisor, and make a final Research Plan in Japan. Report the plan to their belonging institute during the Overseas Research in respective countries.</p> <p>(3) Collect the materials or data in respective countries and execute the research in Japan, and the result is arranged as a master's thesis.</p> <p>(4) Make the Research action plan and discuss with the head etc. of the belonging research institute through JICA-Net conference, Make a final Research action plan which execute after returning respective countries.</p> <p>(5) Implement of their Research action plan after returning respective countries.</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	<p>Graduate School of Agriculture, Ibaraki University</p>
	<p style="text-align: center;">JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;">COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p style="text-align: center;">REMARKS</p>	

Target Countries: Asia

6 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will visit and practically learn about water user's associations (Land Improvement Districts: LID) which have been organized and operated by local farmers. These observations and lectures will contribute to strengthening and improving farmer's organization in participant's countries/areas.</p> <p>To reach the objective, participants are expected to achieve the following: (1) To understand procedures to organize farmers for participatory irrigation management. (2) To understand government interactions assisting farmer's organizations. (3) To acquire operation and maintenance techniques for irrigation systems. (4) To understand the systems for participatory irrigation management. (5) To formulate an Action Plan to improve/strengthen irrigation management in the participant's country.</p>	<p>(1) Administrative/technical officers in charge of irrigation management in central/local government. (2) Individuals with at least 3 years at practical work experience (3) Age: 25-45 years old</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.20.2008~Jul.19.2008</p>
<p><Preparatory Phase>Formulation of Job Report <Curriculum in Japan> (1) Observations and Lectures: a) Grasp of Land Improvement District b) History of agricultural policy and agricultural water management in Japan c) Water resource, water right, irrigation planning in Japan and LIDs d) Management of LIDs and cost-sharing between farmers and government e) Operation and maintenance of irrigation facilities in LIDs f) Japan Agricultural Cooperatives System (2) Others: a) Presentation of a Country Report b) Preparation and presentation of an Action Plans c) Discussion <Finalization Phase> Implementation of the Action Plan and the report of the progress.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Taisetsu Land Improvement District</p>
	<p>JICA CENTER</p>	<p>JICA Sapporo</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	


Target Countries: 7 countries of the previous course and Mexico


17 participants /

Spanish


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Participants develop necessary capabilities to plan, implement and evaluate rural community development projects, and carry out action plans utilizing results gained by the training. Also participants practice as main actors activities both of National and Regional levels of the Participatory Rural Development Network in the Central America and Caribbean Region.</p> <p>【Outputs】 1. Participants understand Japanese experience in rural development “Livelihood Improvement Approach” and practice the Approach utilizing the training materials in order to improve lives of rural farmers. 2. Participants understand the concept and approach of Participatory Development and Gender, and practice the utilizing the training materials. 3. Participants understand the concept and more effective methods of planning and evaluation of community development projects, and practice it utilizing the training materials. 4. Participants and their organizations prepare and submit Interim Reports with the experience gained in training program in Japan and Panama, and the Post-Program in respective countries. 5. Participants and their organizations take part in the Participatory Rural Development Network in the Central and Caribbean Region, and prepare and submit Final Reports with the execution in 12 months.</p>	<p>【Target Organizations】 Central or local governmental organization, NGO in charge of rural development programs</p> <p>【Target Group】 1. Duty position (1) Officers and extensionists of the Central or Local governmental organizations (2) Staff and extensionists of NGO 2. Job experiences Personnel with work experiences in rural development more than 3 years 3. Other requirements (1) Be nominated by the government of the respective country under close coordination with JICA Officer Embassy of Japan (2) Be engaged or planning to be engaged in JICA’s Cooperation Programs</p>	
CONTENTS	PROGRAM PERIOD	Oct.13.2008～Dec.19.2008
<p>1. Pre-Program Self-study using the material for the Pre-Program including the JICA Technical Cooperation Contents “Livelihood Improvement Approach for Rural Community Development”, Preparation of Inception Reports</p> <p>2. Program in Japan (1) Rehabilitation Process of rural area after the W.W.II, Livelihood Improvement Approach, Facilitation Method, Mechanism of capacity development, System of extension works, visits to livelihood improvement groups, practice of livelihood improvement techniques</p> <p>3. Program in Japan (2) Participatory development, Gender in rural development, Workshop in Kora-town, Farm stay/ Interview survey, Sharing of good practices among the participants, Preparation and presentation of Progress Reports I</p> <p>4. Program in Panama Visit of existing projects, Workshops in rural community, Case-study presentation by ex-participants, Discussion on the Network activities with ex-participants and national staff of JICA offices, Preparation and presentation of Progress Report II, Preparation and presentation of the Panama Pronouncement 2009 (tentative name) on annual activities plan</p> <p>5. Post-Program (1) Workshops with target groups, coordination with the belonging organizations and JICA offices, Preparation and submission of Interim Reports</p> <p>6. Post-Program (2) Network activities in national level, Network activities in regional level, Preparation and submission of Final Report on the executed activities in 12 months.</p>	IMPLEMENTING PARTNER	Not decided
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008～2010
	REMARKS	The Participatory Rural Development Network in the Central America and Caribbean Region was initiated by the ex-participants of the course in 2005. Execution of the pilot projects, study tours and seminars, and sharing the results through TV Conferences and Web site have been carried out in this Regional Network.


Strengthen of agricultural market economies through enhanced collaboration sectors in South East Europe 南東欧地域 農業協働セクターの連携・活性化による農産物市場経済強化		R/F 	0884135
Target Countries : Southeast European Countries		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To formulate the guideline to strengthen agricultural market economies through enhanced collaboration sector for agriculture.</p> <p>【Outputs】 (1) To be able to explain the present situations and problems of agricultural, mountain, and fishing villages in Japan (2) To be able to explain Japan's systems of production, distribution, and foreign trade of agricultural products (3) To be able to explain the activities of the collaboration sector for adapting agricultural products to the market economy of Japan (4) To be able to establish the Interim Report in which each home country's collaboration sector in the agricultural sector is able to handle the agricultural products market</p>	<p>【Target Organizations】 Ministry of Agriculture, or related organization</p> <p>【Target Group】 1) Mid-ranking administrative officers, or staffs and members of cooperative farms 2) Have more than three years of experience in agricultural production and distribution field</p>		
CONTENTS	PROGRAM PERIOD	Sep. 7. 2008 ~ Oct. 25. 2008	
<p>Preparatory phase: Submit the inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems)</p> <p>Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics.</p> <p>(1) •Present social and economical condition and issues in rural area •Actual condition of infrastructure development</p> <p>(2) •The marketing system of agricultural products in Japan •Distribution system of production materials •Present condition and issues on price formation</p> <p>(3) •Present condition and issues on collaborative activity •Social capital (boost confidence, formation of safty-net) •Farming support system •Agricultural information system/ developing technology system</p> <p>(4) •Transition to a sustainable market economy and agricultural structure in Southeast European countries •Issue Analysis of participant's countries •Individual Guidance for the interim report</p> <p>(5) Formulating and presentation of the Interim Report</p> <p>Post-Program Activities: Submit the final report on activities after returning home country.</p>	<p>IMPLEMENTING PARTNER</p> <p>Obihiro University of Agriculture and Veterinary Medicine</p> <p>JICA CENTER</p> <p>JICA Obihiro</p> <p>COOPERATION PERIOD</p> <p>2008~2010</p> <p>REMARKS</p>		


Investigations / Researches on Agricultural and Rural Development for Africa アフリカ地域農業・農村開発のための調査研究		R/F 	0884174
Target Countries: Africa		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【In this course, participants is highly required to independently and autonomously conduct Investigations / Researches activities.】</p> <p>At the end of the program, the participants are expected to achieve the followings;</p> <p>Practically compiled OUTPUT contributes and feed back to effective and efficient planning and implementation / execution of JICA Cooperation Programs in each country.</p> <p>To achieve this program objective, participants are expected in Japan;</p> <p>(1) To understand JICA cooperation policies and approaches, etc. to respective country's agricultural / rural development based on Japan's ODA systems, policies and strategies, (2) From Japan's agricultural / rural development experiences, to collect and sort out such factors as can be utilized and applied for solving the country's problems, and (3) Through Investigations / Researches into Japan's agricultural / rural development, to compile Practical and Feasible OUTPUT (Policy proposals, Rough plans for bilateral cooperation project, Technical improvement plans good for respective target area, etc.), which can be utilized in planning and implementation / execution of JICA Cooperation Programs.</p>	<p>【Target organization】 Governmental organizations regarding agricultural / rural development in closely related to JICA Cooperation Programs, or to academic institutions offering relevant proposals and technical support to the organizations. If some benefits can be brought to JICA Cooperation Program, even universities / private consulting companies are also included.</p> <p>【Target group】 ① Specialists/engineers/researches, who can compile practical OUTPUT to be utilized in planning and implementation / execution of JICA Cooperation Programs, such as policy proposals, rough plan for bilateral cooperation, technical improvement plans good for their respective country, etc. ② In principal, have more than 5 years work experience in bilateral cooperation project formulation, specific development task researches, development strategy planning, etc.</p>		
CONTENTS	PROGRAM PERIOD	Mar.1.2009～Sep.30.2009	
<p>(1) Preliminary Phase in a participant's home country (by participating country side)</p> <p>① Making draft proposal on theme of Investigations / Researches ② Making "Inception Report" through analysis and recognition by use of Capacity Assessment on the CONTEXT related to issues and difficulties</p> <p>(2) Core Phase in Japan <Introductory activity></p> <p>① Lecture •Agricultural and rural development in Japan •Special lecture by Technical Advisor</p> <p>② Observation trips •Agricultural cooperatives •Water users' associations •Prefecture government (Research and Extension) •Agricultural college •Marketing and distribution of products</p> <p>③ Practice •Project Cycle management (PCM)</p> <p>④ Courtesy visit to JICA Rural Development Bureau</p> <p>⑤ Literature review, etc. <Individual activity by Investigations / Researches Based on proposal (Investigations / Researches theme) and detailed Investigations / Researches plan, concrete activity for compiling practical and feasible OUTPUT in JICA Tsukuba or other institution.</p> <p>(3) Finalization Phase in a participant's home country (by participating country side)</p> <p>① Reporting and sharing OUTPUT among organizations and related personnel ② Authorization of Action Plan, and implementation ③ Making and submission of the results of implementation of Action Plan</p>	IMPLEMENTING PARTNER	Tsukuba International Center, JICA	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2006～2008	
	REMARKS	<p>① Program period is under planning. ② Actual acceptance period is determined flexibly according to each applicant's Investigations / Researches proposal. ③ By document examination and interview examination using TV meeting system, acceptance of each applicant is decided. ④ Applicant who has scope or theme related to below subject, is prior accepted in principal. •Agricultural technology a. Agronomy b. Soil and plant nutrition c. Crop protection d. Breeding e. Hydrology /water management •Training management and operation ⑤ In case, scope and theme is social oriented approach</p>	


Regional Workshop on Avian Influenza Control for Asian Countries アジア地域 鳥インフルエンザ防除対策ワークショップ		R/F 	0884025
Target Countries : Asia		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 The applicable solutions for an appropriate measurement for AI control will be proposed for the target countries, through clarifying necessary/important issues based on the scientific perspective.</p> <p>【Output】 To reach the objective, participants are expected; (1) To reconfirm the principle of AI control measures and to prioritize the issues of AI control from scientific basis (2) To understand the mechanism of AI control in Japan (3) To develop the appropriate plan for AI control in participants' countries (4) To understand the principle of other zoonoses control measures</p>	<p>【Target Organization】 National research institute or a correspondent</p> <p>【Target Group】 (1)Virology, microbiology and/or avian disease expert of national research institute or correspondent, engaged in the section for diagnosis of zoonoses including AI (2)More than five(5) years of practical experience in the field of diagnosis of zoonoses including AI (3)Qualified in veterinary medicine</p>		
CONTENTS	PROGRAM PERIOD	Sep.28.2008～Oct.10.2008	
Preparatory phase: Participant should prepare a "Country Report" which describe the present situation or problems on diagnosis of zoonoses including AI. Curriculum in Japan: 1. Lectures: - Priority issues of AI control measures - Necessary resources for AI control and practical usage of them - Systems development for providing proper and reliable diagnosis of the virus - Development of human resources for virus diagnosis and utilization of man power for disease control system - Biosafety - Expansion of human infection of AI and pandemic threat of new type of influenza 2. Practical exercises: Virus isolation, rapid diagnosis (RT-PCR), biosafety, subtyping 3. Discussions: - Country report/Action plan presentation	IMPLEMENTING PARTNER	Hokkaido University Research Center for Zoonoses Control	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2006～2008	
	REMARKS	This course is intended for veterinarians, and <u>NOT for medical doctors.</u>	


13. Nature Conservation


Research on Forest Environment and Resources 森林環境・資源研究		GROUP 	0880749
		Nature Conservation—Sustainable Use of Natural Resources	
		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>[Objective]</p> <p>– The objective of this program is to upgrade the knowledge and skills of researchers in the field of forest function research, forestry research, and forest products research.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1) To acquire comprehensive knowledge and latest information on forest research and Japanese forest administration 2) To learn basic concept to carry out research activities by themselves 3) To master basic methods of forest research through experiment, practice, analysis, discussion and report writing 4) To build a broad network with other researchers 	<p>[Target Organizations]</p> <p>– Public research institutes, universities in the field of forest function research, forestry research, and forest products research</p> <p>[Target Group]</p> <ol style="list-style-type: none"> 1) Research scientists in the field of forest function research, forestry research, and forest products research in the above-mentioned organizations 2) University graduates or equivalent qualification 3) Individuals with at least 3 years of research experience 		
CONTENTS	PROGRAM PERIOD	Aug.26.2008～Nov.22.2008	
<p>Preparatory phase: – Participants will make a country report</p> <p>Program in Japan:</p> <p>– There are three main themes of this program, namely, forest function research, forestry research, and forest products research. Only one theme is focused on in one year, therefore, this program is run on a three-year cycle.</p> <p>– According to the subject determined before coming to Japan, participants will be assigned as a member of the laboratory of the host researcher, conduct research under the supervision of the host researcher, and write up the results in a final report. By the end of the program, the participants will make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the field of environmental technology in their countries.</p> <p>Development phase:</p> <p>– The draft paper will be shared with the respective organizations of the participants. At 6 months after the end of the program in Japan, the participants will report the progress of their activities in their organizations to Japan.</p>	IMPLEMENTING PARTNER	Forestry and Forest Products Research Institute	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS	Website: http://www.ffpri.affrc.go.jp/	


Management for Eco-Tourism and Sustainable Use of Natural Park 自然公園の管理・運営と利用(エコツアー)		GROUP 	0880756
		Nature Conservation—Sustainable Use of Natural Resources	
Target Countries: Excluding tropical area		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources who enhance the awareness on conservation of the environment and wise use of natural resources and promote them in their countries based on the idea of international environmental laws.</p> <p>To reach the objective, participants are expected to achieve the followings:</p> <ol style="list-style-type: none"> (1) To be able to explain the systems and ideas on conservation of the environment, management and wise use of natural resources, and community development implemented in Japan (2) To understand the systems, ideas and methods of eco-tourism, and to be able to formulate applicable plans to each country in cooperation with international environmental laws (3) To understand the importance of environmental education and to be able to formulate applicable plans to each country in cooperation with community development 	<p>【Target Organizations】</p> <p>Central/regional governments that are responsible for nature conservation, and the management and administration of natural parks and promotion of environmental</p> <p>【Target Group】</p> <ol style="list-style-type: none"> 1) Middle-ranking administrators 2) Individuals with at 2-3 years of experience in the field 3) Those who are in good health mentally and physically and not pregnant because this program includes a lot of field work 4) Age: 28-38 years old 		
CONTENTS	PROGRAM PERIOD	Aug. 31. 2008 ~ Oct. 17. 2008	
<p>Preparatory phase: To submit a job report, which includes an introduction of work, problems faced in the participants' country, fields of particular interest and the reason, as well as a questionnaire.</p> <p>Program in Japan:</p> <ol style="list-style-type: none"> 1) National Parks in Japan, Eco-tourism policy in Japan, Monitoring method on wetland 2) Case study of establishment of nature trails and nature guide, Nature observation by sea kayaking, Examples of eco-tour programs in cooperation with local industries, Protection of wildlife and eco-tours, Combination between eco-tours and mass-tours, Traditional culture and eco-tours, Eco-tour management by local people, Summary of eco-tourism 3) Protection of wildlife and environmental education, Environmental education in local areas 4) To make a concrete action plan, which describes project objectives, outputs, major activities, etc. after returning home country 	IMPLEMENTING PARTNER	Kushiro International Wetland Centre	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2007～2009	
	REMARKS	* Excluding tropical areas because the training field in Japan does not include tropical areas.	


Reinforcement of Meteorological Services 気象業務能力向上		GROUP 	0880780
Target Countries: Member Countries of the World Meteorological Organization (WMO)		Water Resources/Disaster Management—Meteorology	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 This course aims at promoting activities to reinforce the meteorological services of each country applying meteorological data/products such as numerical weather prediction and satellite images.</p> <p>【Outputs】</p> <p>(1) To be able to explain the fundamental technique such as numerical weather prediction, satellite meteorology.</p> <p>(2) To be able to make up meteorological information which meets users' requirements based on fundamental techniques such as NWP and satellite meteorology.</p> <p>(3) To be able to brief general condition of climate and global environment and make up climate prediction applying climatological and global environmental information. (Weather Forecasting Course)</p> <p>(4) To draw up a master plan to improve the meteorological services of the participants' organizations, and to be used in participants' countries. (Climatology)</p>	<p>【Target Organizations】 National Meteorological Services</p> <p>【Target Group】 "Meteorologist" according to the WMO personnel categories</p>		
CONTENTS	<p>(1) Lectures on the basics of numerical weather prediction and its application. Lectures on the outline of satellite meteorology and application of satellite meteorological data.</p> <p>Lectures on the global telecommunications system.</p> <p>(2) Exercises on satellite meteorological data application. Exercises on operational forecasting.</p> <p>Lectures on the knowledge and skill to make up meteorological information which meets users' requirements.</p> <p>(3) Lectures on the climatological and global environmental information. Exercises on the application of climatological and global environmental information.</p> <p>(4) Creation of final report (including master plan). Presentation of final report and discussion.</p> <p>[After the training course] Implementation of activities to transfer the knowledge and expertise to colleagues in order to improve the meteorological services of participants' organizations (follow-up survey with questionnaire).</p>	<p>PROGRAM PERIOD</p> <p>Sep.15.2008~Dec.15.2008</p>	
		<p>IMPLEMENTING PARTNER</p> <p>Japan Meteorological Business Support Center</p>	
		<p>JICA CENTER</p> <p>JICA Tokyo</p>	
		<p>COOPERATION PERIOD</p> <p>2008~2010</p>	
		<p>REMARKS</p>	

Conservation, Restoration and Wise-Use of Wetland Ecosystems and Their Biological Diversity 湿地における生態系・生物多様性とその修復・再生及び賢明な利用		GROUP 	0880865
		Nature Conservation—Conservation of Biodiversity	
		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources capable of the restoration and rehabilitation of wetland, moreover a method involving the wise-use of natural resources in wetland, by understand wetland conservation and its sustainable ecosystems and biological diversity on Ramsar Convention and Biological Diversity Conservation, To attain the objective, participants are expected to achieve the following:</p> <p>(1) To be able to explain on methods of the survey and utilization of database on wetland environments and biodiversity conservation (2) To be able to explain on the philosophy, knowledge, information and policy for execution concerning the Ramsar Convention (3) To be able to explain on restoration related to biological changes in the Ramsar Convention wetlands and wildlife habitats (4) To be able to explain on wise-use of wetland environment and its natural resources (5) To be able to formulate an action plan on conservation, restoration and the wise-use of wetland ecosystems and their biological diversity</p>	<p>【Target Organizations】 Central/regional governments engaged in measures for the conservation of wetland environments and biodiversity, the restoration and rehabilitation of ecosystems, wise use of natural resources</p> <p>【Target Group】</p> <p>1) Mid-ranking administrators, including engineers</p> <p>2) Individuals with 3-8 years of experience in this field</p> <p>3) Age: 28-38 years old</p> <p>4) Individuals in good health and not pregnant because this program includes a lot of field work</p>		
CONTENTS	<p>Preparatory phase: To submit a job report, which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire</p> <p>Program in Japan: This course consists of the following contents.</p> <p>(1) Wetland monitoring survey methods, Bird banding survey method, Utilization of biodiversity databases, Biodiversity conservation administration in Japan (2) Philosophy of the Ramsar Convention, Method involved in the wise-use of wetland environments, Wetland conservation in subtropical wetlands (3) Conservation of traditional culture and biodiversity, Nature and wetland recovery administration in Japan, Local activities for wetland conservation, Wildlife conservation in the local area (4) Biodiversity conservation in village forests, Wise-use of biodiversity, Wise-use of wetlands in local area, Environmental education for wetland conservation, Wise-use of subtropical wetlands (5) To make a concrete action plan which describes the project objectives, outputs, major activities, etc. after returning home country</p>	<p>PROGRAM PERIOD</p> <p>May 15. 2008 ~ Jul. 4. 2008</p>	
		<p>IMPLEMENTING PARTNER</p> <p>KUSHIRO INTERNATIONAL WETLAND CENTRE</p>	
		<p>JICA CENTER</p> <p>JICA Obihiro</p>	
		<p>COOPERATION PERIOD</p> <p>2004~2008</p>	
		<p>REMARKS</p>	

Forest Management Through Coexistence 共生による森林保全		GROUP  0880919
Nature Conservation—Sustainable Use of Natural Resources		
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To develop human resources capable of leading the conservation of existing forests, coexistence of humans and forests and forest development in each country. To reach the objective, participants are expected to achieve the followings: (1) To be able to explain how to efficiently promote both forest conservation and human activities in harmony and to achieve results (2) To be able to explain the best way to benefit from forest and the grasping method of forest resources (3) To be able to explain the roles for conservation of biological diversity played by forests	【Target Organizations】 Institutions that are engaged in forest administration and forest management 【Target Group】 1) Have knowledge about forestry science and related basic knowledge about natural and social science with at least 5 years 2) Age: Preferably under 40 years old 3) Not pregnant because of many field trips	
CONTENTS	PROGRAM PERIOD	Aug. 24. 2008 ~ Nov. 15. 2008
Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason. Program in Japan: This course consists of lectures , practical exercise, observation and discussion of the following contents. (1) Outline of forests and forestry in Japan, Local administration and forests, Balancing forest conservation and human activities (2) Forest resource determination methods, Harvest investigation, Pilot forests, Basic knowledge of forest management, Use of forestry products, Biomass energy (3) Breeding and genetic resources of forests, Forest vegetation and animals, Subtropical and mangrove forests, Forests and oceans, Wetland conservation, Prevention of global warming and forests, Nature conservation in Hokkaido (4) To make a concrete action plan, which describes project objectives, outputs, major activities, etc. after returning home country	IMPLEMENTING PARTNER	Japan Overseas Forestry Consultants Association
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2005~2009
	REMARKS	Questionnaire about diffusion of effects of the program and execution of the Action Plan.

Practical Case Studies on Sustainable Forest Management 持続可能な森林経営の実践活動促進		GROUP  0880968
Nature Conservation—Sustainable Use of Natural Resources		
Target Countries: Countries with over one million ha. of forest		16 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
This program is designed to acquire various methods to improve and develop participant's capabilities of practical leadership in the policy-making, institutional and technical implementation useful for sustainable forest management. Through the training program, participants are expected to acquire technology and knowledge in the following items: (1) Criteria and Indicators of SFM (2) Forest resource monitoring (3) National forest program (4) Participatory approach of forest management and Rural Appraisal (5) Action Plan preparation and presentation	(1) Technical staff in charge of forest management, planning and monitoring in the governmental organizations and with more than five years of experience (except for researchers at research institute and PhD holders) (2) University graduate or equivalent (3) Age: under 45 years old (4) Individuals with a sufficient command of spoken and written English	
CONTENTS	PROGRAM PERIOD	Aug.22.2008~Nov.11.2008
(1) Introduction of Sustainable Forest Management(SFM) (2) Criteria and Indicators of SFM (in the world and in Japan) (3) Forest Resource Monitoring Method (GIS, Remote Sensing, Botanical Survey) (4) National Forest Program (Forest Policy and Planning in Japan, Forest Protection, National Park) (5) Participatory Approach of Forest Management (6) Participatory Approach of Rural Appraisal (7) Preparation and Presentation of Action Plan	IMPLEMENTING PARTNER	FOREST TRAINING INSTITUTE, FORESTRY AGENCY
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	Participating countries should have over one million ha. of forest, representing at least 10% of total land area.

Sustainable and eco-friendly food production 環境保全型持続的食料生産(長期)		L/T 	0881130
		Nature Conservation—Sustainable Use of Natural Resources	
		2 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Obtain theory and technology to become scientific and practical readers who can promote sustainable and eco-friendly bio-resource production. 【Outputs】 (1)Acquirement of basic theory on agriculture, forestry and fisheries studies (2)Acquirement of practical knowledge and the deepening of thinking faculty (3)Acquirement of practical technology and skills (4)Preparing a Dissertation paper based on the knowledge and skills acquired through course work	【Target Organizations】 Senior Development Officials of Central and Local Government Agencies 【Target Group】		
CONTENTS	PROGRAM PERIOD	Sep.22.2008～Sep.22.2010	
(1) Re; Annex (2) Seminar on the specific scientific fields of study (3) Special experiments exercise, and investigations on the specific scientific fields of study (4) Preparation and presentation of Master's thesis	IMPLEMENTING PARTNER	Kochi University, Graduate School for Agriculture	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2008～2010	
	REMARKS		

Subtropical Marine Science(Master's degree: Science) 亜熱帯海洋科学(長期)		L/T 	0881149
		Nature Conservation—Nature Conservation	
		1 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Research and study capacities of technical officers in a central or local government in a field of bioscience, environmental science and material science, which contribute to environmental conservation and management, will be enhanced. And solution of environmental issues in developing countries will be promoted. 【Outputs】 One out of three outputs below will be chosen by a participant. (1) Obtaining necessary theory in biological science. Formulating thesis, which contains issues and solution in bioscience in each country. (2) Obtaining necessary theory in environmental science. Formulating thesis, which contains issues and solution in environmental science in each country. (3) Obtaining necessary theory in material and mathematical science. Formulating thesis, which contains issues and solution in material science and mathematics in each country.	【Target Organizations】 Central and local governments which are related with environmental conservation and management. 【Target Group】 (1) Technical officer in a field of environmental management in the central government and/or local government. (2) Having 3 years working experience in the related field (3) Having fine command of English		
CONTENTS	PROGRAM PERIOD	September.2008～September.2010	
Followings are subjects provided at each output mentioned above: (1) Life's diversity, Biological productivity, Physiology, Organism species, Coral and island biogeocenosis (2) Marine science, Atmospheric science, Hydrosphere science, Marine science, Biological and physical cycle, Marine productivity (3) Physics (Theoretical physics), Mathematics, Information science (Computational science), Marine resource, Natural mineral, Functional material, Natural logic	IMPLEMENTING PARTNER	Graduate School of Engineering and Science, University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008～2010	
	REMARKS	Topics of master thesis will be issues related to marine in home country.	

Forest Management Policy in Asia – Sustainable Forest Management with Collaboration between Local Government and Community- アジア地域 森林管理政策 ～地方行政と住民との協働による持続的森林管理～ Target Countries: Participating Countries in Asia Forest Partnership (AFP)		R/F		0884063
		Nature Conservation—Other Nature Conservation Issues		
		6 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP			
【Objectives】 Capacity of government officials for framing forest management policy based on collaborative approach with community is enhanced through understanding of role of local government for forest management 【Outputs】 (1) Participants are able to explain: 1) forest management administration and system in Japan, 2) forest management administration of local government such as policy, law, management system and organizational structure in accordance with situation of other participating countries, and 3) collaborative forest management with other actors such as community and private enterprises in accordance with local government administration. (2) Participants are to consider and prepare an idea on sustainable forest management with collaboration of local government and community.	【Target Organizations】 Central and local governmental organization which are responsible for forest policy administration 【Target Group】 1) Current Duties: be an senior official/manager in central/local administrative organization which is responsible for forest management policy 2) Experience in the relevant field: have more than 15 years' experience in the field of forestry 3) Education Background: university graduates 4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more			
CONTENTS	PROGRAM PERIOD	Oct. 5. 2008～Oct. 26. 2008		
(1) •Role of central and local government, and forestry cooperatives •History, policy, law system, land system etc. (2) •Decentralization on forest management policy and necessary policy and law system to implement decentralized forest management •Sharing experience of participating countries by report presentation and discussion based on the presentation (3) •Role of local government for community-participatory forest management •Public awareness activities such as environmental education and volunteer activities •Sustainable natural resources management for poverty reduction (4) •Preparation and presentation of action plan •Project Cycle Management (PCM) and Participatory Rural Appraisal (PRA)method	IMPLEMENTING PARTNER	Graduate School of International Development, Nagoya University		
	JICA CENTER	JICA Chubu		
	COOPERATION PERIOD	2008～2010		
	REMARKS			

Wetland Conservation for Southeast European Countries 南東欧地域湿原保全 Target Countries: Southeast European Countries		R/F		0884178
		Nature Conservation—Conservation of Biodiversity		
		5 participants / English		
OBJECTIVE	TARGET ORGANIZATION / GROUP			
To develop human resources who understand the techniques and tackling of wetland conservation, management and restoration and rehabilitation in Japan. To be able to distinguish the method and techniques which fit the actual circumstances of participants' countries. Moreover participants are capable of making policy and plans so that they can establish a cooperation system of related organizations and neighboring countries. 1) To be able to explain the Japan's system and ideas for natural environment conservation and regional development, 2) To be able to explain the international cooperation associated with the Ramsar Convention, World Heritage Convention, and Convention on Biological Diversity, 3) To be able to utilize the knowledge and skills related to wetland restoration and rehabilitation, 4) To understand the importance of environmental education and be able to apply ideas for programs in own countries, 5) To be able to create a clear orientation for the establishment of cooperative systems for the conservation of cross-border wetlands	【Target Organizations】 Organizations that are directly involved with tasks related to natural conservation, the management of natural parks, and the spread of environmental education 【Target Group】 (1) To be directly involved with tasks related to natural conservation, the management of natural parks, and spread of environmental education (2) To have more than five (5) years of experience in this field (3) To be no more than forty (40) years of age due to a lot of field work involved			
CONTENTS	PROGRAM PERIOD	Jul. 13. 2008 ~ Aug. 16. 2008		
Preparatory phase: Submit the job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire. Program in Japan: This program consists of lectures, practical exercises, observation and discussion, 1) Japan's natural environment and wetland conservation, Japan's wetland conservation administration, Japan's biodiversity conservation administration, 2) Strategy on Japan's biodiversity conservation administration, Ramsar Convention, 3) Wetland restoration and rehabilitation, wildlife conservation and management, Wise use of wetland environments, 4) Environment education, regional efforts toward wetland conservation, 5) Wetland conservation promoted by international organizations, research on cross-border migratory birds' flyways, 6) Formulation and presentation of the action plan, which describes projects, outputs, major activities and etc., after returning home country	IMPLEMENTING PARTNER	Hokkaido University Ramsar Center		
	JICA CENTER	JICA Obihiro		
	COOPERATION PERIOD	2006～2008		
	REMARKS			


Target Countries: Africa 5 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
Participants are expected to acquire essential knowledge and practical skills on sustainable forest administration and management necessary to develop appropriate forms of sustainable forest eco-tourism in their respective countries. Upon successful completion of the course, participants will be expected: (1) To understand the conceptual frameworks of sustainable ecosystems; (2) To understand the basic knowledge and practice of sustainable forest management; (3) To deepen their understanding on the participatory approach of sustainable eco-tourism including forest eco-tourism; and (4) To be able to propose action plans for accomplishing integrated forest management in their respective countries	(1) Administrative officers in charge of the eco-tourism development, forest management, agro-forestry management, and/or sustainable land management in governmental bodies, or researchers who contribute to policy decision-making (2) Individuals with at least three (3) years of practical experience in the field of forest management and/or Eco-tourism development (3) Understanding of the general concepts of forest management, eco-tourism, and sustainability (4) University graduates or equivalent	
CONTENTS	PROGRAM PERIOD	Jul.1.2008~Jul.31.2008
Preparatory phase: Participant should prepare a "Country Report" which describes the present situation and problems related to eco-tourism development and (sustainable) forest management. Curriculum in Japan: (1) Country Report Presentations (2) Sustainable forest management: Conceptual frameworks of sustainable forest management, administration, education on environment, timber industry, forest management union (3) Sustainable eco-tourism including forest eco-tourism: New concepts of sustainable tourism, sustainable tourism promotion in Japan(with case studies), (4) Tourism in Hokkaido and others: sustainable forest development case studies, forest management in local government/community, (5) Proposition of action plans	IMPLEMENTING PARTNER	Hokkaido University
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2008
	REMARKS	Expected number of participants per country: 2-3

Target Countries: Pacific rim countries 8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
Participants are expected to enhance their knowledge on the concept of Criteria and Indicators and enhance their capacities of application of C&I for sustainable forest management thus contribute to the support of the private sectors's activities such as forest certification and labelling scheme. This training program aims at following ; (1) To obtain basic knowledge and latest information on C&I and forest certification, (2) To develop a better understanding of good practices piloted in Japan, (3) To acquire practical knowledge on planning, implementation and monitoring of C&I and forest certification in participants' respective countries. (4) To draft Action Plan based on the acquired knowledge and experiences in the training program.	【Target Organizations】 Government departments in charge of forest management 【Target Group】 1) Current Duties: preferably to be an administrative official or researcher currently or soon to be engaged in C&I or forest certification, 2) Experience in the relevant field: should have more than 5 years of practical experience in forest management/research or equivalent, 3) Educational Background: should be a university graduate or have an equivalent qualification	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Oct.31.2008
[Preliminary Phase] - Preparation of Inception Report [Lectures & Observation] - Criteria & Indicators (C&I) - MAR (Monitoring, Assessment and Reporting) - Forest Certification Systems / Labeling Systems - Certified timber /Certified forest products - Case study of Sustainable Forest Management in which Forest Certification Systems are applied [Others] - Country Report Presentation - Discussions - Action Plan Presentation	IMPLEMENTING PARTNER	Hokkaido Research Center, Forestry & Forest Products Research Institute
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2007~2009
	REMARKS	

Rehabilitation of degraded lands in Asia and Africa アジア・アフリカ地域 荒廃地の植生回復		R/F	0884210
Target Countries: Asian and African Countries		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The course is designed to enhance participants' practical skills, understanding and knowledge of land rehabilitation, taking into account the unique environmental and socio-economic conditions of specific local areas.</p> <p>At the end of the course, participants are expected to:</p> <p>(1) understand the ecological approaches and methods in rehabilitating degraded lands with a special emphasis on the uniquenesses of indigenous ecosystems</p> <p>(2) deepen understanding of integrated land use planning, natural resource management and public involvement through hands-on activities for ecological and rehabilitation.</p>	<p>【Target Organizations】 Organizations engaged in the planning and implementation of rehabilitation of degraded lands (e.g. Forestry Agency/Ministry of Agriculture and Forestry; Land Use Planning Agency, University)</p> <p>【Target Group】 (1) Senior technical staff or researchers engaged in land rehabilitation planning and implementation at a local government level, especially at a community (2) Individuals under the age of 46 (3) University graduates or the equivalent with a good command of spoken and written English (4) Pregnancy is regarded as disqualification.</p>		
CONTENTS	PROGRAM PERIOD	Nov.4.2008~Dec.19.2008	
<p>1. Understanding the basic idea for land rehabilitation by lectures and works: 1) An ecological approach to restore indigenous vegetation (phytosociology, syntaxonomy, plant taxonomy, regional vegetation monographs, mapping actual and the potential natural vegetation, natural history); 2) planning for ecosystem conservation and restoration based on vegetation ecology; 3) land rehabilitation techniques for unique local ecosystems (reforestation techniques based on the concept of potential natural vegetation, creating the environmental protection forest); 4) ecological monitoring and evaluation of the quality, structure, and function of the restored ecosystem; 5) integrated land use planning and sustainable natural resource management for preventing land degradation</p> <p>2. Presentation: 1) Job Report at the first stage of the course; 2) Draft Action Plan at the final stage of the course describing the participant's recommendations and hands-on activities for the land rehabilitation in their countries.</p>	IMPLEMENTING PARTNER	Institute for Global Environmental Strategies, Japanese Center for International Studies in Ecology	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2007~2009	
	REMARKS	All the nominees are requested to submit a Job Report describing their responsibilities, problems faced in their countries, field of particular interest and the reason.	


Management and Conservation of Coral Reef Ecosystem in Asia Pacific Region サンゴ礁生態系の保全管理(アジア・太平洋地域)		GROUP 	0880011
Target Countries : Asia and Pacific countries with coral reefs		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To enable participants to understand the methods of necessary surveys and policies to promote the conservation and sustainable use of coral reefs, and the importance of integrated management of coastal ecosystems.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the role of coral reefs, the relationship between coral reefs and human activities, and the importance of the proper management of coral reefs.</p> <p>(2) To understand the theory and methodology of the conservation and restoration of coral reefs.</p> <p>(3) To understand tourism and the environmental education of coral reefs.</p> <p>(4) To understand methods of planning and designing the integrated management of coral reefs and to make a management plan (or action plan) of their countries.</p> <p>(5) To understand the importance and various methods of monitoring of coral reefs.</p>	<p>[Target Organizations] Administrative body (both central and local) engaged in coral reef conservation or the development planning of coastal areas and its resources</p> <p>[Target Group] (1) Administrative officials presently engaged in coral reef conservation or development planning of coastal areas and its resources (2) Individuals with practical experience of 5 years or more in the field mentioned above (3) Individuals under 45 years of age (4) Individuals with sufficient skills to snorkel in a sea</p>		
CONTENTS	PROGRAM PERIOD	May.27.2008~Jul.26.2008	
<p><Preparatory phase> Formulating a job report describing the present situation of coral reefs in the participants' countries and participants' detailed work in their organizations, roles of their organization.</p> <p><Program in Japan> This program consists of lectures, practical exercises, discussions, report-making, presentation, and observation tours. The main subjects are as follows: (1) Conservation and sustainable management of coral reef ecosystems (2) Methods of monitoring and conserving coral reef areas (3) Tourism and environmental education of coral reefs (4) Collaborative management of coastal areas with stakeholders (5) Making and presenting the action plan</p>	IMPLEMENTING PARTNER	Japan Wildlife Research Center	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Some of program is Joint program with "Conservation and Sustainable Management of Mangrove Ecosystem" (J0800712)	


Target Countries: Countries with mangrove area


5 participants /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to understand the techniques and methods of conservation and rehabilitation of mangrove ecosystems, and understand the importance of the integrated management of coastal ecosystems.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand main roles and functions of mangrove ecosystems, and to acquire knowledge on importance of conservation, monitoring, and sustainable utilization of mangrove resources, including non-destructive utilization such as eco-tourism.</p> <p>(2) To acquire basic knowledge on plant taxonomy; forest ecology, nursery practices and plantation techniques including know-how to collect propagules, and plant seedlings/propagules, and how-to manage mangrove nursery and how-to look after planted seedlings.</p> <p>(3) To understand the integrated relation of mangrove ecosystems and their neighboring sea-grass ecosystems and coral reefs; understand the needs of conservation of integrated coastal ecosystems as a whole.</p> <p>(4) To acquire basic technique of making promotional or educational materials which can be used in one's own country/region; to acquire how to make effective presentation for public awareness and knowledge on how to write a simple project proposal.</p>	<p>[Target Organizations] Those engaged in mangrove conservation or management</p> <p>[Target Group] (1) Individuals with at least 3 years of experience in the above-mentioned field (2) Individuals presently working in the field of conservation/rehabilitation of mangroves as a leader (or an expected leader) (3) Individuals 24-35 years of age</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.27.2008~Aug.16.2008</p>
<p><Preparatory phase> Formulating a country report describing the present situation of mangrove ecosystems in the participants' countries and roles of their organization.</p> <p><Program in Japan> This program consists of lectures, field work, discussion, report-making/presentation, and observation tours.</p> <p>(1) Ecology and plant physiology (2) Silviculture (3) Management plan and strategy of mangrove ecosystems (4) Coastal ecosystems conservation (5) Report/action plan-making (6) Presentation of an action plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)</p>
	<p>JICA CENTER</p>	<p>JICA Okinawa</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	<p>Some of program is Joint Program with "Management Conservation of Coral Reef Ecosystem in the Asia-Pacific Region" Program (J0800710)</p>

Environmental Education for Sustainable Development—Conservation of Coastal Ecosystems for Lives of Local Communities— 持続可能な開発のための環境教育—沿岸生態系と住民生活の保全—		GROUP 	0880031
Target Countries: Maritime Countries with tropical or sub-tropical areas		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To enable participants to understand the importance of promoting a community based approach, human networking for sharing information and experience and a wide range of participation of community, which are proposed in the 'United Nations Decade of Education for Sustainable Development' and 'ACD (Asia Cooperation on Dialogue) of environmental education', and to promote those activities through education for sustainable development or environmental education.</p> <p>To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) Understand the functions, roles and importance of integrated coastal ecosystems including mangrove, sea grass and coral reef ecosystems and understand how to sustainably use those resources in harmony with local residents and communities.</p> <p>(2) Understand what is environmental education for sustainable development and how to promote it in comparison with other education models.</p> <p>(3) Understand simple methods of monitoring coastal ecosystems, and sustainable utilization, such as eco-tourism.</p> <p>(4) Write a practical program and action plan in order to make proposals for their communities or policy proposals for their governments on education for sustainable development after returning home country.</p>	<p>[Target Organizations] Organizations presently engaged, or who may be engaged in future in designing, promoting or practicing education for the sustainable development or environmental education (public sector, local government, private sector or NGOs, etc.)</p> <p>[Target Group] (1) Individuals engaged in the above-mentioned fields (2) Individuals engaged in environmental education for at least 2 years (3) Individuals under 36 years of age</p>		
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.8.2008	
<p><Preparatory phase> Formulating a country report describing the present situation of environmental education in the participant's country and the role of their organization.</p> <p><Program in Japan> This course consists of lectures, practical exercises, discussions, making and presenting reports, and observation tours.</p> <p>(1) Coastal ecosystems conservation (2) Environmental education for sustainable development (3) Traditional uses and eco-tourism (4) Simple methods for monitoring (5) Making and presentation of an action plan</p>	IMPLEMENTING PARTNER	INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This program will promote "A Prime Mover Project in the Asia Cooperation Dialogue (ACD) of Japan Environmental Education."	

Satellite Remote Sensing Data Analysis Technology for Disaster/Environmental Monitoring 災害・環境監視のための衛星リモートセンシングデータ解析技術		GROUP  0880068
Target Countries : countries hoping for disaster/environment monitoring with SAR technology		Nature Conservation—Nature Conservation 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Program Objective: This program enables technicians and researchers to analyze SAR and other remote sensing data as a tool leading to solutions for disaster/environmental problem in their respective countries.</p> <p>Output: To achieve the above Program Objective, participants are expected;</p> <ol style="list-style-type: none"> 1) To be able to explain the principle and analysis method of SAR and other data, 2) To be able to carry out basic processing of SAR and other data, 3) To be able to apply SAR and optical sensor data to disaster/environmental monitoring and integrate the data into map information, and 4) To be able to make case study analysis and report the result by using SAR and other data. 	<p>Eligible / Target Organization: This program is designed for Governmental organizations hoping for disaster/environment monitoring by means of improving remote sensing data analysis, especially SAR technology. And it is desirable that the organizations are prepared or planning systems and working environments that facilitate propagation and utilization of learned techniques.</p> <p>Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must;</p> <ol style="list-style-type: none"> (1) be university graduates, or the equivalent with a fundamental knowledge of physics and mathematics, (2) be technicians and researchers in the field of remote sensing (be desirable to have an experience of analysis of satellite images), associated with organizations of disaster/environmental management, (3) be under forty years of age in principle, (4) have a good command of English in speaking and writing. 	
CONTENTS	PROGRAM PERIOD	Aug. 3. 2008～Sep. 12. 2008
<p>Preliminary Phase: (1) Self study (2) Preparation for Presentation of Inception Report</p> <p>Core Phase in Japan: (1) Inception Report Presentation (2) Principles and analysis method of SAR and other data - Introduction of remote sensing and ALOS data - Theory of SAR, data correction (3) Basic and advanced processing of SAR and Optical Sensor data - SAR image interpretation - Radiometric and Geometric correction - Image processing from raw data - Theory of interferometric SAR (InSAR) and polarimetric SAR (PolSAR) - SAR analysis (4) Integration of disaster/environmental SAR and Optical Sensor data into geographic information - Applied analysis of SAR and optical data for disaster monitoring - Applied analysis of SAR and optical data for environment monitoring - Integrated use of the analysis result and map information (5) Output Presentation by using SAR and other data analysis - Case study analyses with respective countries' data - Presentation and discussion</p> <p>Finalization Phase: Participant 1) Presentation of his/her output 2) Development of teaching materials Participating organization 3) Submission of teaching materials, comments and Action Plan</p>	IMPLEMENTING PARTNER	Remote Sensing Technology Center of Japan
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008～2010
	REMARKS	

Education Through Nature Experience Focused on Waterside 水辺を中心とする自然体験を通じた環境教育		GROUP  0880087
		Nature Conservation—Nature Conservation
		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Action plans to disseminate environmental education through nature experience based on the situation of participants' home countries are considered by their organization.</p> <p>【Outputs】 1) Participants will understand the current situation of environmental education through nature experience in Japan and other participants' countries, through job report presentation and case study of local government, primary school and enterprises etc. in Japan. 2) Participants will understand the methods of environmental education through nature experience and its usefulness focusing on the experience of Lake Biwa basin. 3) By the end of the core phase in Japan, participants will make draft action plans to disseminate environmental education through nature experience utilizing knowledge and skills acquired in Japan.</p>	<p>【Target Organizations】 •National or Local Government or comparable organization •NGOs, Schools</p> <p>【Target Group】 1) be an administrative officer, NGO staffs, school teachers or comparable qualifications in charge of dissemination of environmental education 2) have more than 3 years experience in the field of environmental education 3) be a graduate of university 4) between the ages of 25 and 40 years</p>	
CONTENTS	PROGRAM PERIOD	Aug.18. 2008～Sep.26.2008
<p>〈Preparatory Phase in participants' home countries〉 Formulation of Job Report 〈Phase in Japan〉 •Current situation and future prospects of environmental education in Japan •Understand the function of facilities for environmental education through nature experiences •【Practice & Experience】Environmental Education Programs using local resources •Various Theory and Practices •Formulation and presentation of draft Action Plan, Discussion of Action plans 〈Finalization Phase in participants' home countries〉 •Sharing and discussing of draft action plan in the participating organization •Finalizing draft Action Plan and submitting Final report including description of progress of Action Plan implementation to respective JICA Regional Offices</p>	IMPLEMENTING PARTNER	International Lake Environment Committee etc.
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008～2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【OBJECTIVES】 Environmental education programs to arouse awareness for environmental conservation are implemented by participants in their respective countries.</p> <p>【OUTPUTS】 (1) Be able to explain current situation and its problems of natural environment of their country and importance of environmental education as measures for environmental conservation (2) Be able to implement environmental education methods, which center around nature experience (3) Share environmental education program, which is applicable to participant's country, among participant's organization</p>	<p>【TARGET ORGANIZATIONS】 Nature Conservation Organization, Education Institution, or NPOs/NGOs which engage in environmental education.</p> <p>【TARGET GROUP】 • Central or local government officers or the member of NGOs/NPOs who are closely involved in planning and management of environmental education and expected to be in charge of such duties. • Have over 3 years of experience in environmental education. • Have a sufficient command of speaking and writing English in order to undertake the course as a lot of time is allocated for discussion;</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.20.2008～Nov.29.2008</p>
<p>(1) PRELIMINARY PHASE: Participants make a report on current situation and its problems of natural environment of their country and participant's occupation.</p> <p>(2) CORE PHASE IN JAPAN: 1) Review on current situation and its problems of natural environment of their country through presentation and discussion on the report. 2) Comprehensive understanding of environmental education. 3) Understanding of environmental education framework in Japan. 4) Understanding of roles of nature school. 5) Practice environmental education programs using local resources. 6) Practice environmental education methods, which center around nature experience. 7) Make action plan for implementing and disseminating environmental education in participant's country. 8) Presentation and discussion on action plan.</p> <p>(3) FINALIZATION PHASE: Participants share action plan among participant's organization and making progress report of action plan by participant's organization.</p>	<p>IMPLEMENTING PARTNER</p>	<p>NPO Institute of Whole Earth</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	

Target Countries: Maritime Countries with tropical or sub-tropical areas

10 participants /

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to learn the methods of planning and implementation of eco-tourism utilizing tourism resources in island countries of tropical and subtropical areas, such as coral reefs and mangroves, to plan and implement eco-tourism which balanced with environment management.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To acquire the knowledge and skills necessary to plan and manage eco-tourism in a locality.</p> <p>(2) To understand the eco-tourism implementation system such as human resource development, utilization, etc. in Okinawa.</p> <p>(3) To understand the resource distribution survey and arrangement method used in Okinawa.</p> <p>(4) To prepare and make a presentation of eco-tour program through the use of area resources.</p> <p>(5) To prepare and make a presentation of action plan.</p>	<p>[Target Organizations] Engaged in the planning and management of tourism development and eco-tourism (administrative agencies, public corporations or NGOs, which work together with administrative agencies)</p> <p>[Target Group] (1) Individuals with at least 3 years of experience in the above-mentioned field (2) Individuals under 35 years of age</p>	
CONTENTS	PROGRAM PERIOD	Apr.1.2008~Jun.28.2008
<p><Preparatory phase> Formulating a job report describing the present situation of coral reefs in the participants' countries and participants' detailed work in their organizations, roles of their organization.</p> <p><Program in Japan> This program consists of lectures, practical exercises, discussions, report-making, presentation, and observation tours. The main subjects are as follows: (1) Eco-tourism: the current state and issues. (2) Government sector's initiatives toward tourism development and environmental conservation. (3) Natural environment and conservation efforts in tropical and subtropical areas. (4) Resources development (including human resources), presentation, etc. (5) Preparation and presentation of eco-tour program and action plan</p>	<p>IMPLEMENTING PARTNER</p>	Okinawa Environment Club
	<p>JICA CENTER</p>	JICA Okinawa
	<p>COOPERATION PERIOD</p>	2004~2008
	<p>REMARKS</p>	<p>(1) Carrying out an "Issue analysis workshop". (2) JICA-Net lecture by the ex-participants of this course.</p>

Target Countries: Africa

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>(1) Understand the basic theory of wildlife management and wildlife research methodology as well as its analysis skills, for the improvement of wildlife research activities.</p> <p>(2) Understand the present situation of wildlife management of other countries for the improvement of wildlife protection and management activities.</p> <p>(3) Understand how to formulate an implementation plan (action plan) applying information and knowledge obtained through the course, for the improvement of wildlife management or research activities.</p>	<p>Technical officials who are engaged in wildlife management and research work in government or parastatal organizations with three (3) years or more of experience.</p>	
CONTENTS	PROGRAM PERIOD	Aug.17.2008～Oct.16.2008
<p>The curriculum consists of the following three parts.</p> <p>(1) Lectures</p> <ul style="list-style-type: none"> • Basic theory of wild-life management research method • Management/Analysis of research data and creation of information systems • Basic wildlife policies and their historical background in Japan and other countries. • System of natural parks in Japan and other countries, their management and use for tourism. <p>(2) Field visit</p> <p>(3) Presentation and discussion</p> <ul style="list-style-type: none"> • Country report presentation • Case studies of wildlife conservation and management • Comprehensive discussion concerning the current situation of wildlife management in Africa. • Action plan (preparation, presentation and discussion) 	IMPLEMENTING PARTNER	Japan Wildlife Research Center
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007～2009
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【OBJECTIVES】 Environmental education programs to arouse awareness for environmental conservation are implemented by participants in their respective countries.</p> <p>【OUTPUTS】 (1) Be able to explain current situation and its problems of natural environment of their country and importance of environmental education as measures for environmental conservation (2) Be able to implement environmental education methods, which center around nature experience (3) Share environmental education program, which is applicable to participant's country, among participant's organization</p>	<p>【TARGET ORGANIZATIONS】 Nature conservation organization, education institution, or NPOs/NGOs which engage in environmental education</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Sep.15.2008~Oct.18.2008</p>
<p>(1) PRELIMINARY PHASE: Participants make a report on current situation and its problems of natural environment of their country and participant's occupation</p> <p>(2) CORE PHASE IN JAPAN: •Review on current situation and its problems of natural environment of their country through presentation and discussion on the report •Comprehensive understanding of environmental education •Environmental education in Japan •Understanding of roles of nature school •Practice of environmental education programs using local resources •Practice of environmental education methods, which center around nature experience •Making action plan for implementing and disseminating environmental education in participant's country •Presentation and discussion on action plan</p> <p>(3) FINALIZATION PHASE: •Sharing action plan among participant's organization and making progress report of action plan by participant's organization.</p>	<p>IMPLEMENTING PARTNER</p>	<p>NPO Institute of Whole Earth</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Jan.19.2009 to Feb.28.2009 in the same content.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Under the theme of the waste disposal problem which is the common characteristic in Oceanian countries, ESD promotion plan will be formulated as suit the each countries' condition.</p> <p>【Outputs】 (1)To understand the Japan's environmental policy and projects. (2)To understand the education for community and human development in a sustainable way through environmental issues. (3)To understand waste disposal problems, international trends and an environmental education. (4)To learn planning of problem solution and business promotion method utilizing the regional characteristics. (5)To formulate action plans for sustainable development of a region in each country.</p>	<p>【Target Organizations】 Ministries related ESD (such as Ministry of Environment, Education, Economy, Foreign Affairs and so on)</p> <p>【Target Group】 1)Current Duties: be an officer, technical officers in the administrative bodies who is presently engaged in the field of environmental policy or environmental education (Participants from not only the Ministry of Environment and Education but also other ministries and agencies are acceptable) 2) Educational Background: be equal or surpassing to a graduate of university 3)Age: be between the ages of twenty-six (26) and forty (40) years</p>	
CONTENTS	PROGRAM PERIOD	Oct.5.2008～Oct.25.2008
<p>Output(1) •To take lectures about outline of basic environment plan of central and local government in Japan. •To take lectures about autonomy's activities from Nishinomiya City.</p> <p>Output(2) •To take lectures about basic notion of ESD •To visit the sites of education and activity of ESD in Nishinomiya City</p> <p>Output(3) •To visit Nishinomiya Waste Treatment Facility and private waste treatment facility •To take lectures about economic activity related to waste products and international trend</p> <p>Output(4) •Visit a school and local community to learn environmental education for waste products •To have a workshop of business solution about regional development</p> <p>Output(5) To make up an action plan through a workshop</p>	IMPLEMENTING PARTNER	Learning and Ecological Activities Foundation for Children
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2008～2010
	REMARKS	Three (year-on-year) objectives are set for each year's training. And utilize ex-participants to the next year's training to make linkage among 3 year's training.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Technical staffs of governmental and municipal offices for nature conservation or biodiversity conservation can acquire knowledge of collection, analysis, and dissemination of biodiversity information, and can have the ability to build and manage their own information system for biodiversity conservation of their countries.</p> <p>【Outputs】 (1) To understand the nature conservation policies in Japan, and to designate the actual situation and the current issues in their countries. (2) To explain the basic techniques of biodiversity data collection, and to acquire basic operation of the information systems. (3) To explain the necessary GIS techniques for data management and dissemination, and to acquire basic operation of GIS. (4) To explain biodiversity information dissemination (e.g. Web site design) through the Internet, and to acquire basic operation of related softwares.</p>	<p>【Target Organizations/group】 Governmental or municipal offices for nature conservation or biodiversity conservation</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Sep.4.2008～Oct.27.2008</p>
<p>(1) (Before the course) - To make a report of actual situation and current issues of biodiversity conservation and information systems in their countries. (During the course) - Presentation and discussion of the reports mentioned above. - Lectures of the Japanese policies related to national parks and nature conservation, and tours of national parks in Japan. (2) (During the course) - Lecture of outline of Biodiversity Center of Japan. - Lecture of National Survey on Natural Environment and Monitoring site 1000 project in Japan. - Lecture of data collection on Biodiversity Information System in Japan. (3) (During the course) - Lecture of data collection on Biodiversity Information System in Japan. - Lecture of remote-sensing, GIS, and GPS application. - Practice of computer network, the Internet, and database. (4) (During the course) - Lecture of data dissemination to the general public in Japan. - Lecture of Web GIS application for data dissemination. - Practice of Web site design and GIS operation. (5) (During the course) - Practice to build biodiversity information system. - Practice to make action plan and to prepare presentation. - Presentation and discussion of their action plans.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Biodiversity Center of Japan, Nature Conservation Bureau, Ministry of the Environment</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
	<p>REMARKS</p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 This course aims at achieving consensus for challenges on forest watershed management among the related persons and clarified the issues on implementing projects and business for the solution.</p> <p>【Output】 By the end of the course, participants are expected to:</p> <p>(1) understand the forest operation to improve water and soil conservation function of forest, forest management system, forest soil management, soil saving techniques to acquire ability of applying the knowledge in respective countries, (2) understand Japanese forest and watersheds management system, to acquire the ability of applying the skill in respective countries, (3) understand methodologies for making action plan and formulate and present the action plan, which is based for the challenges on forest watershed management in respective countries and the applicable technology/system. (4) having consensus for challenges on forest watershed management among the related persons and organizing important issues for improvement of implementing projects and business within 6 months after returning to home country.</p>	<p>Official technical staff who is responsible for administration for forest and forestry, or NGO's project managers related to forest management or equally experienced persons.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.24.2008～Oct.25.2008</p>
<p><Preliminary Phase in home country> Making a Country Report describing job outlines, the status of forest watershed environment and forest management.</p> <p><Core Phase in Japan> The program mainly covers the following subjects in lectures, site visits and exercise: 1)Forest soil survey 2)Forest hydrology and theory of water conservation and erosion control 3)Soil & water conservation technologies in subtropical zone 4)Social institution and policy with relation to soil & water conservation 5)Formulation of a concept of action plan</p> <p><Follow-up Phase> Participants are expected to implement the Action Plan and report on the progress.</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPAN FOREST TECHNOLOGY ASSOCIATION</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2005～2009</p>
	<p>REMARKS</p>	

14. Fisheries

Stock management and Enhancement in the Sea 海域における水産資源の管理及び培養		GROUP 	0880336
Target Countries : Maritime countries		Fisheries—Fisheries Resource Management 7 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this program is as follows: 1. To Understand the following points (1) The method of hatchery enhancement (2) The method of seed-release situation (3) Conservation of the nursery ground and method arrangement of artificial reef (4) The importance of the fishery ground environment (5) The analysis method of environmental chemistry in fishing grounds (6) The method of improvement of coastal fishing ground (7) The statistical method on the evaluation of stocking effectiveness for fisheries resources. 2. To make a Study Report	(1) University graduates or equivalent academic level with over 5 years of work experience (2) Individuals presently engaged in research and/or educational activities in fisheries (3) Individuals in good health to undergo fisheries field work		
CONTENTS	PROGRAM PERIOD	Jun.30.2008~Oct.26.2008	
This training course is formulated to cover the following programmes in order to obtain basic knowledge, both in theory and practice, of the marine farming: (1) Theory of Community Ecology, (2) Fisheries Pollution (3) Environmental Chemistry, (4) Fish Disease (5) Food nutrition for rearing (6) Preparing of Artificial Reef and Nursery Ground (7) Benthos and Plankton, (8) Hatchery Enhancement(Fish Seeding) (9) Seed- release Situation, (10) Fisheries Genetics (11) Statistical Method on the Evaluation of Stocking Effectiveness for Fisheries Resources, (12) Fish Taxonomy (13) Early Life History at Fishes, (14) Botany at Seaweed A self-study session is prepared for each participant' specialty, such as Fisheries Stock Management, Fisheries Ecology and Environmental Chemistry	IMPLEMENTING PARTNER	USA MARINE BIOLOGICAL INSTITUTE, KOCHI UNIVERSITY	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Japanese intensive class(60hours at Kochi University)	

Prevention of Cultured Fish Disease and Fish-Borne Disease 養殖魚の健康と安全管理		GROUP 	0880351
Target Countries : Countries with coastline or lakes suitable for seafood cultivation		Fisheries—Stock Enhancement and Aquaculture 8 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this program is to deepen the knowledge relevant to hygienic handling of fishes as well as the diagnosis and prevention of fish disease. To attain the objective, participants are expected to achieve the following: (1) To clearly mention the present conditions and problems on aquaculture in each country in the form of an Inception Report. (2) To understand the hygienic handling of aquacultured products. (3) To understand the diagnosis and prevention of cultured fish disease. (4) To suggest a problem-solving plan on aquaculture in each country (Strategy Plan), from the aspects of hygienic handling or preventive measures of fish disease.	[Target Organizations] National or regional governments in charge of promoting aquaculture, fish processing and distribution [Target Group] (1) Administrators in charge of promoting aquaculture, fish processing and distribution for at least 5 years (2) Those who graduated undergraduate and/or graduate university. (3) Those who are excellent in English communication —for example TOEFL CBT Score 250 or above.		
CONTENTS	PROGRAM PERIOD	Aug.26.2008~Oct.31.2008	
(1) Implementation of Inception Report Presentation (Presentation and Discussion) (2) Technique of Hygienic Handling of Aquacultured Products (Lecture and Practice) (3) Seafood Hygiene (Lecture and Practice) (4) Preventive Measures of Fish Disease(Lecture and Practice) (5) Drafting and presentation of a Problem-solving Plan (Strategy Plan) * Besides the classes mentioned above, visits to fish-farmers and a wholesale market is scheduled as a study tour. * Participants are provided with 2-day individual training on the subject of personal interest by choosing from the curriculum, so that they can deepen their understanding on it.	IMPLEMENTING PARTNER	NATIONAL FISHERIES UNIVERSITY	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Sustainable Aquaculture Development 持続的増養殖開発		GROUP 	0880848
		Fisheries—Stock Enhancement and Aquaculture	
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program aims to train the participants to become technical experts who are able to plan and implement an appropriate sustainable aquaculture development strategy in order to contribute to the development of environment-conscious and sustainable aquaculture. Upon successful completion of the course, the participants are expected;</p> <p>1) To learn the theoretical knowledge like pathology and fish nutrition and so on 2) To acquire practical knowledge and technologies like seed production and grow-out culture, modern technologies of aquaculture, stock enhancement and so on 3) To gain the ability to devise an appropriate strategy for sustainable aquacultural development in their home countries.</p>	<p><Target Group> (1) Individuals presently engaged in aquaculture extension or technical work with 3 years of experience or more, (2) University graduates or equivalent (3) Individuals with a sufficient ability of spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Mar.3.2009~Jun.24.2009	
<p>(1) Common Program: Outline of fisheries & aquaculture, role of the FCA, post-harvest treatment, aquatic engineering, aquaculture economics, extension & awareness, fish nutrition, fish feed preparation, biodiversity, environmental conservation, artificial maturation, biotechnology, fish genetics, gene analysis, parasitic diseases, practical field work in fish pathology, project cycle management, report consultation and presentation (2) Specific Program: (a) Freshwater aquaculture; Culture of common carp and others, gametogenesis and egg-quality, environmental conservation, self-sufficient small-scale aquaculture, case study, integrated aquaculture, field work for seed production (fancy carp, gold fish, grass carp, cat fish, willow gudgeon), site observation (b) Marine Aquaculture; seed production technology, sea farming, morphological anomalies, fish culture (grouper), culture of shrimp, crab, shellfish and seaweed, sustainable marine aquaculture and environmental conservation, sustainable world aquaculture, production and analysis of artificial feed, practical field work of living food organisms culture, site observation</p>	IMPLEMENTING PARTNER	Fisheries & Aquaculture International Co., Ltd	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Midway through the program, the program will be divided to two groups (Freshwater Aquaculture, and Marine Aquaculture)	

Coastal Fishing Technique for Sustainable Resource Use 持続可能な沿岸漁業		GROUP 	0880975
Target Countries: Maritime countries		Fisheries—Fisheries Resource Management	
		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Small-scale coastal fishing by artisan fishers accounts for the majority of the fisheries in developing countries. However, sustainable and effective fishing methods need to be diffused as resources decline. This program aims to enable participants to manage sustainable development and the diffusion of fisheries for the region for which the participants are responsible. To attain this objective, participants are expected to achieve the following: 1) To learn basic knowledge on the structure and capture function of fishing gear, 2) To learn fishing methods predominating in coastal fisheries through practice, 3) To learn the basic fishery resource biology, in particular, of target species in tropical coastal waters, 4) To learn the basic and applied knowledge of management of capture fisheries toward responsible fisheries, 5) To learn model method of proper management of capture fisheries through using one of major fishing gear, and 6) To learn comprehensive technical approaches for the extension and regulations of fishing techniques.</p>	<p>[Target Group] Ministries in charge of Fishing and Fish Resources Fisheries Training Institution</p> <p>[Target Group] 1. Individuals with more than 3 years of experience in fishing gear design and operation or engaged in extension service for coastal fishing techniques 2. University graduates or equivalent 3. Age: Preferably under 40 years old</p>		
CONTENTS	PROGRAM PERIOD	Feb.24.2009~Jun.13.2009	
<p>1. Introduction to fisheries and management in Japan, introduction to designing fishing gear, etc.: 2. Measurement in fishing technology: Module 3. Structure and operation of trawl: Module 4. Fishing ground survey and devices: Module 5. Bycatch/discard survey in set-net fishery: Module</p> <p>The module will provide both lectures and practice exercises (both at sea and on land)</p>	IMPLEMENTING PARTNER	KAGOSHIMA University	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	* As on-board training is included in this program, under 40 years of age is preferable.	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed for the refrigeration systems for fisheries to be maintained and managed properly through the following outputs:</p> <p>(1) Understanding the fundamental knowledge and calculation of refrigeration systems</p> <p>(2) Obtain skills for troubleshooting, repairing and maintaining refrigeration systems using attached instruments or tools through disassembly and assembly systems.</p> <p>(3) Acquire and understand the latest information on refrigeration systems, based on actual processes in production.</p> <p>(4) Acquire and understand how to read and prepare the drawings of electric control.</p> <p>(5) Understand the fundamental knowledge of electric wiring.</p>	<p>【Target Organizations】 Ministries, agencies, and other organizations in charge of maintaining and managing refrigeration systems for fisheries, preferably provided under the Grand Aid Scheme</p> <p>【Target Group】 Instructors in technical institutions, extension officers and heads of workshop, providing fishermen with technical training</p>	
CONTENTS	PROGRAM PERIOD	Jan.12.2009～Mar.21.2009
<p>* Theory of refrigeration systems (Heat and work / Fundamental law / Cycle / Heat transfer / Mollier diagram/ Refrigerant etc.)</p> <p>* Functions and construction of refrigeration systems (Brine / Compressor / Condenser / Evaporator / Refrigerating Equipment etc.)</p> <p>* Maintenance of refrigeration systems (Welding / Charge of refrigerants / Leakage test / Operation / Adjusting etc.)</p> <p>* Overhaul of Compressor</p>	IMPLEMENTING PARTNER	Nissin Refrigeration & Engineering LTD
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2007～2009
	REMARKS	For fiscal year 2009, this course will be implemented for both Oceania and Caribbean countries.

Target Countries: Oceania

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Enable participants to understand the way of sustainable fisheries resources management by enhancing the skills and knowledge related to fisheries resources diversification (which refers to the way in Okinawa, such as producing and deploying submergible FADs (Fish Aggregation Devices))</p> <p>To attain the objective, participants are expected to achieve the following: (1) Share experience and lessons learned through implementation of the action plans produced in the last year, and study further practices and mechanisms in management and utilization of coastal fisheries resources in Okinawa, that can be applied to the participants countries. (2) Acquire the adequate know-how in planning, coordination and implementation of community-based practice in Tonga. (3) Learn about monitoring and evaluation method for FADs fishery as well as new fishing practices around FADs. (4) Understand about several useful practices other than FADs relevant to the fisheries diversification in the Pacific Island States. (5) Produce a final action plan to be applied in the participants' home countries with mastering methodology on formulation of eligible and concise project proposals in terms of coastal fisheries resource management.</p>	<p>【Target Organizations】 Administrative bodies engaged in fisheries resource management</p> <p>【Target Group】 Participants having taken part in the 2nd year training program</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Oct.5.2008~Nov.22.2008</p>
<p><Preparatory phase> (1) Formulating a progress report which summarize the current progress of the action plan made in the 2nd year program.</p> <p><Program in Japan> Implementing lectures, observation tours and practices related to the following topics: (1) Monitoring the effects of FADs fisheries (2) Introducing processing skills and distribution mechanism of fisheries resources in Okinawa (3) Introducing the roles of fisheries cooperatives in Okinawa (4) Participating in the fishing program in tourism sector</p> <p><Program in Third Countries (Fiji and Tonga(still under consideration))> Implementing lectures, observation tours and practices related to the following topics: (1) Update the latest development and management on FAD fisheries (2) Practice in implementation of community-based approach (3) Formulating the final action plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>Okinawa Environment Club / Fisheries & Aquaculture Inter'l Co., Ltd.</p>
	<p>JICA CENTER</p>	<p>JICA Okinawa</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2008</p>
	<p>REMARKS</p>	<p>(1) Since this training program covers different topics each year of three years, which are closely inter-related, the same participants are to participate in a 3 year program. (2) A program in Fiji and Tonga(still under consideration) is to be carried out in the 3rd year training program.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objectives of this training course are to nurture the ability to make fishery policy by utilizing regional resources and administrative skills. Participants are expected:</p> <p>(1) To understand the "law and system" and "economy and management" on fishery. (2) To understand the systems of resource management and fishery management and the structure of regional fishery through analysis of the statistics index. (3) To understand the merits of sustainable regional fishery as the resource management fishery. (4) To understand the policy measures, budgets, systems, financing, maintenance of facilities and administration, in order to realize sustainable regional fishery. (5) To increase the skills to prepare and promote fishery promotion policy as government officials.</p>	<p>(1) Regional fishery governmental officers with experience of regional fishery promotion and management (2) Individuals with at least 5 years of experience in fishery promotion administration (3) University graduates in fisheries or the related economy, management, administration and law</p>	
CONTENTS	PROGRAM PERIOD	Mar.25.2009~Jun.20.2009
<p>(1) To raise awareness in order to make policy (Country and Job Report presentation/Issue Analysis Workshop). (2) To understand the systems and economy and to discover the issues of their own countries (3) "Law and system" and "economy and management" on fishery in Japan. (4) Resource management, regional fishery management and analysis of statistics index (5) Merits of sustainable regional fishery (6) Necessary policy measures for sustainable regional fishery (7) Administration of Japan and visit to an area with large consumption (8) Exercise and experience in municipality (9) Making 2 Action Plans (The plan for fishery promotion (draft) / Individual Action Plan (draft)). (10) To present and discuss the Action Plans shown above.</p>	IMPLEMENTING PARTNER	NATIONAL FISHERIES UNIVERSITY
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2007~2009
	REMARKS	


Planning of Fisheries Community Development 漁業コミュニティ開発計画		GROUP  0880852
Target Countries: Countries with coastline or large lakes (670km ² or more)		Fisheries—Rural Development in Fisheries 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this program is to enhance participants' and their organizations' capabilities for comprehensive fishing community development through understanding of Japanese cases of community-based development in fisheries sectors.</p> <p>Outputs of the course are as follows:</p> <ol style="list-style-type: none"> To deepen the knowledge on sustainable fisheries development. To deepen the knowledge on institutional framework of community for fisheries development. To enhance the planning and management capabilities for fisheries community development, through the preparation and presentation of the action plan. <p>(The organization of the participant is strongly recommended to formulate the fisheries community development plan prepared by the participant's action plan and to implement it.)</p>	<p><Target Organizations> Central or local government in charge of fisheries community development planning and its implementation</p> <p><Target Group> 1. Individuals with more than 5 years of experience in the fisheries sector and 2 years of experience in policy making/planning in the fisheries development, 2. University graduates or equivalent,</p>	
CONTENTS	PROGRAM PERIOD	Jul.13.2008~Oct.2.2008
<ol style="list-style-type: none"> Preparatory Program <ol style="list-style-type: none"> Sharing common problems and recognition of the same regarding fisheries community development with the participant's organization. Preparing a country report, including a clear explanation of the present situation and problems regarding fisheries community development by the organization. Program in Japan <ol style="list-style-type: none"> Sustainable fisheries development: Introducing the Japanese system of fisheries development and examples Institutional building and extension system: Formulating and managing fishermen organization, fishery extension system and service, and so on Comprehensive management for fisheries development: Introducing examples on coastal and the watershed environment, impact on aquatic resources, relations with other industries and so on Project planning and management: Analyzing problems and issues in the participants' own countries and introducing appropriate planning and management methods on community development plans Visit and Observation Action Plan formulation and presentation: This Action Plan will be prepared based on the country report and should be brushed up through acquainted knowledge of the course. Post-program Activities <ol style="list-style-type: none"> Review of the Action Plan together with the organization Submission of the Final Report stating how the Action Plan was reviewed and what is the result Providing technical advice by the implementing partner to the final report 	IMPLEMENTING PARTNER	I.C. Net Limited
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2004~2008
	REMARKS	


Coastal Fisheries Resource Management 沿岸漁業資源管理		GROUP  0880863
Target Countries : Maritime countries		Fisheries—Fisheries Resource Management 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program aims to realize any improvement through awareness of the existing problems or issues on policy making and/or system establishment of the coastal fisheries resource management in his/her own country.</p> <p>In order to accomplish the aim, the participants are expected to achieve the followings;</p> <ol style="list-style-type: none"> 1. To understand legal and regulation frameworks on sustainable coastal fisheries resource management, 2. To understand various methods for fisheries resource management, 3. To learn and acquire the resource management methods and improve the planning capacity <p>(Organization of the participant is strongly recommended to formulate the coastal fisheries resource management plan based on the participant's action plan and to implement it.)</p>	<p><Target Organization> This program is offered to central or regional governments responsible for policy making in the fisheries sector including research institutes.</p> <p><Target Group></p> <ol style="list-style-type: none"> 1. Officials in administration, policy planning and implementation of the coastal fisheries resource management in central or regional government including research institute 2. Officials who have more than 2 years' experience in the field of coastal fisheries resource management, 5 years' experience in the fisheries sector 3. University graduates or equivalent, 	
CONTENTS	PROGRAM PERIOD	Aug.19.2008~Oct.9.2008
<ol style="list-style-type: none"> 1. Preliminary Program Participants should study the designated documents, prepare a country report and submit it before coming to Japan 2. Program in Japan The program is about 7 weeks in duration, including lectures, discussion, and observation tours. The topics covered are as follows: * Stock Assessment and Fisheries Management * Fisheries Management * Fisheries and the Environment * Increase of Fisheries Productivity * Fisheries Administration * Fisheries Education and Training * Problem analysis of Fisheries Management in the participants' respective countries 3. Post-program Activities After the participants' return, (1) The actions described in the Report should be reviewed, authorized and implemented. (2) The result of the actions taken by the organization and the participant is reported as the Final Report at the time of 4 months after the return. (3) Implementing Partner will send technical advice to the Final Report. 	IMPLEMENTING PARTNER	INTEM Consulting, Inc.
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2004~2008
	REMARKS	The relevance of soft type Follow-up cooperation will be assessed based on the result of the final report.


15. Gender and Development


Seminar on Gender Perspective in Environment and Development 「環境と開発と男女共同参画」セミナー		GROUP	0880009
		Gender and Development—Gender and Development	
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
In order to overcome environmental problems, it is essential to define the role of women in environmental preservation, as well as in the achievement of sustainable development. Considering the gender perspective, the objective of the seminar is to enable participants to understand the importance of balancing environmental conservation and national development and to help them implement countermeasures against pollution, especially in Asia. To reach the objective, participants are expected to achieve the following: 1. To understand the role of women in the preservation of the global environment and sustainable development 2. To acquire fundamental knowledge and various measures to reform the gender relationship in respective countries 3. To be able to carry out various environmental measures in an effective manner from the participant's individual standpoints (from government level to NGO level) 4. To understand the significance and importance of education on the environment and sustainable development, and to develop skills as a leader.	[Target Organizations] Department of Central/local governments engaged in gender affairs or environmental issues. [Target Group] (1) Government officers or staff of NGOs in charge of gender issues or environmental issues with at least 3 years of professional experience (2) Under 45 years old (3) University graduate or equivalent (4) Have sufficient commands of spoken English		
CONTENTS	PROGRAM PERIOD	Jan.19.2009～Mar.5.2009	
1. Lectures, discussion and/or field studies (1) Women in the environment and development (2) Introduction to GAD (3) Introduction to environmental administration in Japan (Central/Local Governments) (4) Case Study --Peace, Development and Gender Equality (5) Women and the environmental movement in Kitakyushu city (6) Case study--Minamata Disease and pollution in Kitakyushu (7) Environmental activities of NGOs and private enterprises 2. Presentation (1) Country Report	IMPLEMENTING PARTNER	KITAKYUSHU FORUM ON ASIAN WOMEN	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2005～2009	
	REMARKS	*This program includes active participation in discussions and action plan development, thus requires high competence of English ability. *Participants are required to give a presentation to citizens on the situation of gender and the environment.	

Seminar: Educating Leaders of Communities for the Improvement of Women's Status and Quality of Life 女性の生活と地位向上に寄与するリーダーの養成		GROUP	0880033
		Gender and Development—Gender and Development	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Based upon what we have accomplished through the 50-year history of education for women, the goal of this program is to educate leaders who participate in women's rights, health and quality of life issues. Through the programs participants are expected to attain the following objectives: (1) To acquire basic knowledge of gender and problems caused by gender inequality. (2) To understand the endeavor for improvement in women's status and quality of life through examples in Kochi and in Japan. (3) To understand deeply women's problems in the countries of other participants. (4) To become fully conscious of the need to analyze and resolve women's problems in the respective countries of participants through all that they learn in the programs.	(1) Individuals who deal with the improvement of livelihood and social status of women (2) Individuals who work as local government officers or have an occupation associated with governmental services for local groups or organizations (3) Individuals with experience of social development (4) Graduates of high school or with a relevant academic background		
CONTENTS	PROGRAM PERIOD	Nov.17.2008～Dec.12.2008	
1. Lectures and discussions (1) History of women's life in Japan (2) Gender Studies (3) Home life improvement workers in communities (4) Women's health (5) Reproductive rights and health (6) Family sociology and women (7) Domestic violence and women (8) Women's empowerment and development (9) Quality of women's working life and social system 2. Final Report Preparation / Presentation	IMPLEMENTING PARTNER	Kochi Women's University	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2005～2009	
	REMARKS		

Seminar on the Promotion of Education for Girls and Women 女性の教育推進セミナー		GROUP 	0880209
		Gender and Development—Gender and Development Education—Other Education Issues 12 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Through this program, participants are expected: 1. To become familiar with administration and financial system of education in Japan and their historical development; 2. To upgrade their knowledge and capabilities in forming policy measures for the promotion of education for girls and women, and to devise a concrete action plan for their own countries; 3. To exchange information among participants, concerning the current situation and problems on educational systems and policy in their own countries; 4. To have a better understanding of Japan and the Japanese society, culture and people.	(1) Government officers of the Ministry of Education, Educational Committee, or similar institutions, in charge of the development and promotion of girls' and women's education. (2) University graduates or equivalent educational background (3) Individuals under 45 years old. (4) Individuals with more than 5 years of occupational experience of girls and/or women's educational field		
CONTENTS	PROGRAM PERIOD	Jan.13.2009～Feb.06.2009	
(1) LECTURE Japanese education system & education administration, Health education, Gender equality education, JICA Projects & measures to incorporate Gender, Introduction on National Women's Education Center, Women & Health, Violence against Women, NGO Network for education, etc. (2) PRESENTATION AND DISCUSSION Gender education, Girl's education & Economic development, Country report presentation, Action plan, etc. (3) VISIT Ministry of Education, Culture, Sports, Science Technology, Primary & Secondary School, Lifelong education Center, University, Local government, etc.	IMPLEMENTING PARTNER	NATIONAL WOMEN'S EDUCATION CENTRE	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006～2010	
	REMARKS		

Seminar on Gender Mainstreaming Policies for Government Officers ジェンダー主流化政策のための行政官セミナー		GROUP 	0880723
		Gender and Development—Gender and Development 15 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this seminar is to foster government officers capable of introducing the principle of "gender mainstreaming" in decision-making and various development activities through learning case studies in Asia, for the purpose of creating an equal society through the empowerment of women. To attain this objective, participants are expected to achieve the following: (1) Acquiring the concept and methods for gender mainstreaming (2) Deepening understanding of the policies and issues in each field such as education, economic, the environment, etc., and acquiring the know-how to improve those issues. (3) Taking an overview of the measures taken by National and Local Governments related to gender mainstreaming and acquiring the technical methods. (4) Acquiring the management capability of the administration of women's affairs.	[Target Organizations] Department of Central/local governments engaged in gender mainstreaming or gender equality [Target Group] (1) Government officers in charge of planning policies for gender mainstreaming and gender equality with at least 3 years of professional experience (2) Under 45 years old (3) University graduate or equivalent (4) Have sufficient commands of spoken English		
CONTENTS	PROGRAM PERIOD	Jun.16.2008～Jul.19.2008	
1. Lectures, discussion and/or field studies (1) Introduction of policies for gender mainstreaming (2) Methods for gender mainstreaming(gender budget, gender statistics etc.) (3) Introduction of gender equality and gender mainstreaming policies and activities in Japanese administration(central and local governments) (4) Gender mainstreaming in Education, Rural Development, Environment Issues, Labor Administration etc. (5) Women's economic empowerment and entrepreneurship. 2. Presentation (1) Country Report	IMPLEMENTING PARTNER	KITAKYUSHU FORUM ON ASIAN WOMEN	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2007～2009	
	REMARKS	*This program includes active participation in discussions and action plan development, thus requires high competence of English ability. *Participants are required to give presentations on the situation of women in their own country.	


Rural Life Improvement and Rural Development for Women 農村女性の生活改善と村づくり研修		GROUP  0880862 Gender and Development—Gender and Development
Target Countries : Countries with OISCA overseas office		14 participants / English and
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To achieve the objective, participants are expected to produce the following outputs: 1. Acquire knowledge of the following points (1) Healthy and environmentally sound agricultural production (2) Processing of agricultural products (3) Dietetics and cooking and basic knowledge of Nutrition (4) Basic knowledge of Hygiene (5) Technique of clothing and sewing (6) Living environment; reduction of garbage, water pollution (7) Exchange of views with women's organizations and the effective management of extension activities 2. Make an Action Plan	(1) Females committed to work in future as extension workers or as leaders in rural development (2) Individuals with at least 2 years of experience of agricultural/home living improvement work in the field/local community (3) Individuals above high school level and in sufficiently good physical/mental condition	
CONTENTS	PROGRAM PERIOD	Jan.14.2009~Dec.12.2009
1. Lecture and Practice (1) Home living improvement activities and its functions (2) Combined agricultural production: cultivation of rice and vegetables, poultry farming (3) Processing of agricultural products: crop processing, livestock processing, vegetables processing, fruit processing (4) Dietetics, food and cooking; species of nutriments, digestion and absorption (5) Hygiene; contagious disease, HIV, family planning, maternity health (6) Dressmaking; basic technique and application of clothing and sewing (7) Home economics and the Environment	IMPLEMENTING PARTNER	OISCA SHIKOKU TRAINING CENTER
	JICA CENTER	JICA Shikoku
	COOPERATION PERIOD	2004~2008
	REMARKS	Japanese intensive class(approx. 3 months at OISCA Shikoku training center)

Gender Mainstreaming in Fishing Community Development 漁村開発におけるジェンダー主流化		GROUP  0880976 Gender and Development—Gender and Development Fisheries—Fishing Community Development
4 participants / English		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The participants are expected to sufficiently consider the concept of Gender and partnership between men and women in successfully achieving activities for improving the income level of the fishing community of their country through the following: (1) To increase the understanding on the concepts of Gender, WID, GAD, partnership between men and women and awareness of gender-responsive project (2) To acquire skills and methodology of Gender analysis (3) To acquire knowledge for the improving of the income level of the fishing community (4) To enhance comprehensive knowledge on the gender-responsive project and support project, and prepare an appropriate draft project plan (In case of any minor changes, it will be stated in General Information.)	< Target Organization > Central and local government dealing with the planning and implementation of fishing community development < Target Group > (1) Central and local government staff directory engaged in fishing community development with more than 3 years' experience (2) University graduates or with equivalent qualifications (3) Both men and women are welcomed.	
CONTENTS	PROGRAM PERIOD	Jan.18.2009~Mar.4.2009
The following subjects will be covered in this course through lectures, observations, and discussions: (1) Outline of WID/GAD (2) Gender Analysis (3) Case Study(entrepreneurship/small scale business by group in fishing community) (4) Support system for fishing community development (5) People-centered workshop skills At the end of the program, the participants will draft a project plan based on the knowledge and idea obtained through the program, and also formulate a plan of operation including how they will work on the project plan.	IMPLEMENTING PARTNER	Fisheries & Aquaculture International Co., Ltd
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2005~2009
	REMARKS	The Nominees are requested to submit a country report together with Application form.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to strengthen the capacity of national machinery for gender equality in respective countries and to establish a network of national machineries among Japan and the countries.</p> <p>To achieve the objective, participants are expected to:</p> <p>(1) Analyze the situation and problems concerning gender equality and the environment surrounding women in each country through comparisons with Japan and discussions among other participating countries.</p> <p>(2) Acquire useful knowledge for formulating, implementing, and monitoring the national plan of action on promoting gender equality.</p> <p>(3) Acquire useful knowledge for promoting gender mainstreaming into various fields.</p> <p>(4) Formulate an action plan to strengthen the capacity of the national machinery to promote gender equality.</p>	<p>(1) Officer or higher levels of officials of national machinery</p> <p>(2) University graduates</p> <p>(3) Individuals with more than 5 years of experience of gender equality</p> <p>(4) Individuals under 50 years of age</p> <p>(5) Individuals with adequate knowledge of the Beijing Declaration and Platform for Action and * “Outcome Document”</p>	
CONTENTS	PROGRAM PERIOD	Nov.16.2008～Dec.17.2008
<p>(1) LECTURE</p> <ul style="list-style-type: none"> • The policy for promotion of gender equality in Japan • Structure and activities of promoting gender equality in Japan (by the national machinery and related ministries), • Gender Statistics • Gender Sensitive Budget (GSB) <p>(2) PRESENTATION AND DISCUSSION</p> <ul style="list-style-type: none"> • Gender Equality in Japan • Gender Equality in participating countries (Country Report) <p>(3) VISIT</p> <ul style="list-style-type: none"> • Local governments, Women’s Center, other facilities related to gender equality 	<p>IMPLEMENTING PARTNER</p>	GENDER EQUALITY BUREAU, CABINET OFFICE
	<p>JICA CENTER</p>	JICA Tokyo
	<p>COOPERATION PERIOD</p>	2007～2009
	<p>REMARKS</p>	<p>* “Outcome Document” indicates further actions and initiatives to implement the Beijing Declaration and Platform for Action. Participation from East Asia, ASEAN, South Asia, Central Asia and Pacific countries is especially recommended.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to enhance the capacity of the organizations that promote women's entrepreneurship development.</p> <p>To achieve the objective, participants are expected to produce the following outputs:</p> <p>(1) Have a clear understanding about the significance of women's economic empowerment and be able to extract the issues which they need to address in women's entrepreneurship development of their own countries.</p> <p>(2) Be able to systematically organize support systems, which can be applied to women's entrepreneurship development in their countries.</p> <p>(3) Be able to elaborate on the ideas in relation to the support system identified in Output (2) for the success of women's income generating activities.</p>	<p>(1) More than 3 years of experience in organizing program(s) for women's economic empowerment.</p> <p>(2) Either section chiefs/acting section chiefs of a governmental organization or an NGO with nomination by their governmental organization,</p> <p>(3) Individuals in good health, both physically and mentally, to undergo the program,</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jun.22.2008~Jul.19.2008</p>
<p>Preparatory phase: Inception Report describing the following points: (1) Outline of participant's organization, (2) Women's Economic Empowerment in participant's country (Objectives, Issues, the respective roles of stakeholders), (3) Case Study, and (4) Needs Assessment.</p> <p>Program in Japan: The program consists of four modules, which include lectures, discussions, workshop, exercise, and study tours: Module I. Women's Economic Empowerment through Entrepreneurship Development Module II. Support Systems for Women's Entrepreneurship Development Module III. Ideas on Support Systems for the Success of Women's Income Generating Activities Module IV. Comprehensive Management Method for Women's Entrepreneurship Development</p> <p>(*) At the end of the program in Japan, participants are expected to formulate an Action Plan which shows future actions taken by them in order to solve their problems.</p> <p>Post-program activities: After the participations' return, (1) The actions described in the Action Plan are revised, authorized and implemented. (2) The result of the actions taken by the organization are reported as the Final Report 3 months after the return.</p>	<p>IMPLEMENTING PARTNER</p>	<p>none</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Jan.18.2009 to Feb.21.2009 in the same content.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants and their institution will finalize the Life Improvement Action Plan (LIAP) which integrated Japanese life improvement approach, and the outcomes will be shared by all the ex-participants through the website of JICA-WELI training. To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1) To identify the actual status and needs of the targeted rural women's groups and analyze organizational capacities. 2) To understand about Japanese life improvement approach and to explain the application into the participant's country. 3) To understand of Japanese Rural Women Entrepreneurship developed from life improvement activities. 4) To understand of role of rural women leaders fostered through life improvement activities, and promotion of gender equality and revitalization of communities. 5) To formulate and finalize the life improvement action plan in cooperation with their institution and other bodies concerned. 	<p>[Target Organizations] Branch offices of Central Government, Local Government or Non-Governmental Organization (NGO)</p> <p>[Target Group] A) Extension officer or Subject Matter Specialist who is engaged in extension activities for rural women, such as life improvement (home economic), agriculture, community development etc. B) Officer who is practically involved in a project related to empowerment of rural women Those in charge of above role more than 3 years are welcomed.</p>	
CONTENTS	PROGRAM PERIOD	May.25.2008～Aug.9.2008
<ol style="list-style-type: none"> 1.Preparatory program <ol style="list-style-type: none"> 1)Introduction of life improvement approach,Baseline survey (self-study) 2.Program in Japan <ol style="list-style-type: none"> 2)Agriculture and Rural Development in Postwar Japan, Policy Measures for Rural Women's Fulfillment of their Roles etc. (Lecture) 3)Development of Dietary Improvement Activity into Women Entrepreneurship (Lecture) 4)Effects of Family Management Agreement in Gender Equality Society in Rural Area (Lecture),Presentation of Life improvement Action Plan 3. Post-program <ol style="list-style-type: none"> 5) Implementation of the life improvement action plan(Presentation,self-activity) 	IMPLEMENTING PARTNER	Rural Women Empowerment and Life Improvement Assoc
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2004～2008
	REMARKS	Outstanding participants who carry out activities utilizing knowledge and experience acquired in Japan may be supported by JICA's follow-up cooperation.

Leadership Training for Women Through Rural Life Improvement (by Kaizen) for Central and South America 中南米地域農村部生活改善を通じた女性のリーダーシップ育成		R/F 	0884245
Target Countries: Latin America		13 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Seminar objective】Participants of the Seminar analyze problems in rural development projects in charge, and understand the implementation system and monitoring and evaluation feedback system of the Livelihood Improvement Approach in Japan. In addition, participants prepare in their joint names "Tsukuba Pronouncement 2009" which is consisted by meaningful learning in Japan and application measure. Finally participants share learning in their organizations.</p> <p>【Expected results】</p> <p>1) To prepare Inception Report to identify problems. 2) To learn implementation system and characteristics of rural development and rural women empowerment through the Livelihood Improvement Approach in Japan. 3) To be capable to explain evaluation systems of livelihood improvement groups in Japan. 4) To prepare and present "Tsukuba Pronouncement 2009". 5) To prepare final reports of execution of the activities in each country after 3 months of the program in Japan.</p>	<p>【Target organizations】</p> <p>1. Central and local governmental organizations in charge of policy planning in rural development including rural women empowerment</p> <p>2. Central and local governmental organizations and NGOs in charge of implementation of rural development projects including rural women empowerment</p> <p>【Target group】</p> <p>1. Personnel at management posts.</p> <p>2. Personnel with work experiences in rural development or rural women empowerment.</p> <p>3. Be engaged or planning to be engaged in JICA's Cooperation Programs</p>		
CONTENTS	PROGRAM PERIOD	Jan.18.2009～Jan.31.2009	
<p>1. Pre-Program before coming to Japan (Product: Inception Report) Participants should study the JICA technical cooperation contents "Livelihood Improvement Approach for Rural Community Development" and prepare Inception Report.</p> <p>2. Program in Japan (Product: Interim Report "Tsukuba Pronouncement 2009") Activities 0) to 4) for solving problems identified through Inception Report will be carried out; 0) Inception Report presentation, sharing information and opinions, 1) Lecture and discussion on Livelihood Improvement Approach, 2) Lecture and discussion on Participatory Development, Monitoring and Evaluation, 3) Case-Study in Iwate Prefecture through field trips, and 4) Sharing of learning in Japan and discussion on its application in the future. In the end of the Program in Japan, "Tsukuba Pronouncement 2009" is prepared and presented jointly by the participants.</p> <p>3. Post-Program (Product: Final Report) Participants are requested to prepare Final Reports on execution of activities proposed in "Tsukuba Pronouncement 2009" and submit them to JICA Offices.</p>	IMPLEMENTING PARTNER	Iwate Prefectural Government, Tsukuba International Center JICA	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007～2009	
	REMARKS	This seminar is conducted for executive participants, so that participants should be authorized to make decisions in their institutions for carrying out activities after returning to the respective countries.	