






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. 	(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,	
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 	(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	
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 (2) Age: Preferably under 35 years old (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. (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. 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】 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 2) Age: be over twenty-five (25) and under forty (40) years of age 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 (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 (3) Water quality analysis, Heavy metal pollution of soils in Soil improvement techniques (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】 (1) vegetable cultivation technology for high yield and quality; (2) vegetable seed production technology; (3) technology of vegetable production in sustainable agriculture (4) experiments, report making and presentation (5) socio-economics in vegetable production (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, 2) be university graduates or have an equivalent academic background, not be doctorate holders, 3) be over 25 and under 40 years of age, 4) be in good health to undergo the course of training. 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 a) Raising seedlings b) Soil science and plant nutrition c) Plant physiology d) Pests and diseases control e) Vegetable cultivation (2) Vegetable seed production technology; a) Breeding b) Seed technology c) Seed production of major (3) Technology of vegetable production in sustainable agriculture a) Crop rotation b) Use of organic materials c) Biological control lectures (4) Experiments, report making and presentation (5) Socio-economics in vegetable production a) Activities of agricultural cooperatives b) Extension activities c) Distribution of vegetables (6) Problem analysis and action plan making 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). •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	<p>1. Lectures (in groups) on animal health technology and research methodology (3 weeks)</p> <p>2. Field trips to research institutes and the livestock hygiene service centers, etc. (10 days)</p> <p>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).</p> <p>Typical examples include molecular, immunohistochemical and electron microscopic diagnosis on infectious diseases of domestic animals.</p> <p>(1) Acquire comprehensive knowledge</p>	<table border="1"> <tr> <td style="text-align: center;">PROGRAM PERIOD</td> <td>Mar.24.2009~Oct.17.2009</td> </tr> <tr> <td style="text-align: center;">IMPLEMENTING PARTNER</td> <td>NATIONAL INSTITUTE OF ANIMAL HEALTH (NIAH)</td> </tr> <tr> <td style="text-align: center;">JICA CENTER</td> <td>JICA Tsukuba</td> </tr> <tr> <td style="text-align: center;">COOPERATION PERIOD</td> <td>2004~2008</td> </tr> <tr> <td style="text-align: center;">REMARKS</td> <td></td> </tr> </table>	PROGRAM PERIOD	Mar.24.2009~Oct.17.2009	IMPLEMENTING PARTNER	NATIONAL INSTITUTE OF ANIMAL HEALTH (NIAH)	JICA CENTER	JICA Tsukuba	COOPERATION PERIOD	2004~2008	REMARKS	
PROGRAM PERIOD	Mar.24.2009~Oct.17.2009											
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	<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> <p>(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</p>	<table border="1"> <tr> <td style="text-align: center;">PROGRAM PERIOD</td> <td>Jul. 21. 2008 ~ Nov. 5. 2008</td> </tr> <tr> <td style="text-align: center;">IMPLEMENTING PARTNER</td> <td>Obihiro Univ. of Agriculture & Veterinary Medicine</td> </tr> <tr> <td style="text-align: center;">JICA CENTER</td> <td>JICA Obihiro</td> </tr> <tr> <td style="text-align: center;">COOPERATION PERIOD</td> <td>2004~2008</td> </tr> <tr> <td style="text-align: center;">REMARKS</td> <td></td> </tr> </table>	PROGRAM PERIOD	Jul. 21. 2008 ~ Nov. 5. 2008	IMPLEMENTING PARTNER	Obihiro Univ. of Agriculture & Veterinary Medicine	JICA CENTER	JICA Obihiro	COOPERATION PERIOD	2004~2008	REMARKS	
PROGRAM PERIOD	Jul. 21. 2008 ~ Nov. 5. 2008											
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	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	PROGRAM PERIOD May 27. 2008 ~ Aug. 18. 2008 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	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.	PROGRAM PERIOD Oct. 26. 2008 ~ Aug. 28. 2009 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		
<p>【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.</p> <p>【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</p>	<p>【Target Organizations】 Governmental and educational research institutions in the fields of veterinary medicines and animal husbandry</p> <p>【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</p>		
CONTENTS	PROGRAM PERIOD	Oct. 1. 2008 ~ Sep. 30. 2008	
<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: (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</p>	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		
<p>【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.</p> <p>【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.</p>	<p>【Target Organizations】 Agricultural officials of central/local government</p> <p>【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</p>		
CONTENTS	PROGRAM PERIOD	Mar.10.2009~Mar.31.2011	
<p>(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.</p>	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
Agricultural/Rural Development—Agricultural Development		3 participants / 入力不要<シ
Target Countries: Countries which suffers from sever arid condition along the Nile River		
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
Agricultural/Rural Development—Agricultural Development		9 participants / English
Target Countries: Sub-Saharan Africa		
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. Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics. (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. Program in Japan: This program consists of lectures, practical excises, observation, and discussion on the following topics. (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>	
CONTENTS	PROGRAM PERIOD	May.20.2008~Aug.16.2008
<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 	IMPLEMENTING PARTNER	NATIONAL LIVESTOCK BREEDING CENTER
	JICA CENTER	JICA Nihonmatsu
	COOPERATION PERIOD	2006~2010
	REMARKS	

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: (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>	
CONTENTS	PROGRAM PERIOD	May.7.2008～Nov.1.2008
<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>	IMPLEMENTING PARTNER	National Institute of Agrobiological Sciences (NIAS)
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008～2010
	REMARKS	

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 style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">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, field 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 style="text-align: center;">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.</p>	<p>IMPLEMENTING PARTNER</p>	<p>National Livestock Breeding Station Incorporated Administrative Agency</p>
<p>(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.</p>	<p>JICA CENTER</p>	<p>JICA Nihonmatsu</p>
<p>(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.</p>	<p>COOPERATION PERIOD</p>	<p>2008～2010</p>
<p>(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>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 WHOLESAL 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 【Target Group】</p>	
<p style="text-align: center;">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. (2) Plant genetic resources science, Plant application genome science</p>	<p>IMPLEMENTING PARTNER</p>	<p>Kihara Institute for Biological Research, Yokohama City University</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
Agricultural/Rural Development—Agricultural Policy and System		
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 style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">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 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>	


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
Agricultural/Rural Development—Agricultural/Rural Development		10 participants /	French
Target Countries: African Countries (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		Agricultural/Rural Development—Agricultural/Rural Development 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>	<p>IMPLEMENTING PARTNER Obihiro University of Agriculture and Veterinary Medicine</p> <p>JICA CENTER JICA Obihiro</p> <p>COOPERATION PERIOD 2008~2010</p> <p>REMARKS</p>	


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開発」 Target Countries: Africa		R/F  0884180
		Agricultural/Rural Development—Rural Development
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Participants of the course learn knowledge and skills about the Livelihood Improvement Approach, and utilize them to their respective job activities after returning.</p> <p>【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</p>	<p>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.</p>	
CONTENTS	PROGRAM PERIOD	Jan.18.2009~Mar.7.2009
<p>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.</p> <p>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</p> <p>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)</p>	IMPLEMENTING PARTNER	TAIYO CONSULTANTS CO., LTD
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006~2008
	REMARKS	<p>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.</p>

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		Agricultural/Rural Development—Rural Development 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】 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>	<p>【Target Organization】 1. Department of agricultural extension in the Central Government, 2. Department of agricultural extension in the Local Governments, 3. NGO in agricultural extension</p> <p>【Target Group】 1) Applicants should be under 45 years of age, 2) Applicants should have enough English proficiency</p> <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
<p>1. Pre-Program 1) Self-Study on Technical Cooperation Contents "Livelihood Improvement Approach for Rural Community Development" 2) Preparation of the Inception Report</p> <p>2. Program in Japan 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</p> <p>3. Post-Program 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.</p>	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>	
CONTENTS	PROGRAM PERIOD	Feb.9.2009~Dec.12.2009
<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>	IMPLEMENTING PARTNER	University of Tsukuba
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006~2010
	REMARKS	<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>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>Obihiro University of Agriculture and Veterinary Medicine</p> <p>JICA Obihiro</p> <p>2007~2009</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	

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】 ①be an technical official (or engineer), particularly those to plan, execute and manage the irrigation and drainage project for lowland (paddy) field or upland field. ②have more than 5 years' experience in the field of irrigation, civil engineering, etc.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jun.24.2008~Nov.22.2008</p>
<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; ①Technical Report, ②Action 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>	<p>IMPLEMENTING PARTNER</p>	<p>Japan International Research Center for Agricultural Sciences</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2006~2010</p>
	<p>REMARKS</p>	

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		
<p>【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</p> <p>【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</p>	<p>【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</p> <p>【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.</p>		
CONTENTS	PROGRAM PERIOD	Aug.18.2008～Oct.2.2008	
<p>(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</p>	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:</p> <p>(1) To understand procedures to organize farmers for participatory irrigation management.</p> <p>(2) To understand government interactions assisting farmer's organizations.</p> <p>(3) To acquire operation and maintenance techniques for irrigation systems.</p> <p>(4) To understand the systems for participatory irrigation management.</p> <p>(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.</p> <p>(2) Individuals with at least 3 years at practical work experience</p> <p>(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,</p> <p>(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</p> <p>(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</p> <p>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</p> <ul style="list-style-type: none"> •Agricultural and rural development in Japan •Special lecture by Technical Advisor <p>② Observation trips</p> <ul style="list-style-type: none"> •Agricultural cooperatives •Water users' associations •Prefecture government (Research and Extension) •Agricultural college •Marketing and distribution of products <p>③ Practice</p> <ul style="list-style-type: none"> •Project Cycle management (PCM) <p>④ Courtesy visit to JICA Rural Development Bureau</p> <p>⑤ Literature review, etc.</p> <p><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</p> <p>② Authorization of Action Plan, and implementation</p> <p>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.</p> <p>② Actual acceptance period is determined flexibly according to each applicant's Investigations / Researches proposal.</p> <p>③ By document examination and interview examination using TV meeting system, acceptance of each applicant is decided.</p> <p>④ Applicant who has scope or theme related to below subject, is prior accepted in principal.</p> <ul style="list-style-type: none"> •Agricultural technology <ul style="list-style-type: none"> a. Agronomy b. Soil and plant nutrition c. Crop protection d. Breeding e. Hydrology /water management •Training management and operation <p>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		
【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. 【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	【Target Organization】 National research institute or a correspondent 【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		
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>	