






# 16. Urban/ Regional Development


<b>Project Management and Evaluation for Civil Engineers in Public Works</b> <b>公共事業の計画・管理・評価</b>		GROUP 	0880230
		Urban/Regional Development—Urban Development	
		8 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program is aiming to provide the broader management skill on planning and evaluating the public works in order that the participants can create the strategy or ideas to promote their projects effectively.</p> <p>In order to accomplish the aim, the participants are expected to understand and acquire the following 5 points:</p> <ol style="list-style-type: none"> <li>1. project management system,</li> <li>2. contract system in public works</li> <li>3. project evaluation methods on life-cycle cost,</li> <li>4. obtaining the support and agreement of citizens,</li> <li>5. site management (quality, schedule, cost, and safety management)</li> </ol>	<p>&lt; Target Organizations &gt;            Central / local government or government affiliated organizations in charge of public works in developing countries</p> <p>&lt; Target Group &gt;            1. University graduates or with the equivalent in the field of civil engineering            2. Civil engineers in central or local government and private corporations (except individuals in charge of building and housing works)            3. Individuals with at least eight (8) years experience in the execution of heavy infrastructure works (roads, ports, dams, etc.)</p>		
CONTENTS	PROGRAM PERIOD	Sep.16.2008~Nov.22.2008	
<p>This program consists of common subjects for all participants and group studies. It covers very broad technical fields; roads, ports, water supply, sewage system, dams, and telecommunication in order for participants to obtain wide knowledge and technique to prepare comprehensive plans for the infrastructure.</p> <p>The following subject will be covered through lectures, observations, discussions and practices;</p> <ol style="list-style-type: none"> <li>1. project management system</li> <li>2. contract system in public works</li> <li>3. project evaluation methods on life-cycle cost,</li> <li>4. obtaining the support and agreement of citizens,</li> <li>5. site management (quality, schedule, cost, and safety management)</li> </ol> <p>At the end of the program, the participants will formulate the Action Plan stating how the knowledge and technique acquired through the program.</p>	IMPLEMENTING PARTNER	Japan Construction Training Center	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


<b>Construction Equipment and Mechanized Construction Management</b> <b>建設機械及び建設施工監理</b>		GROUP 	0880708
		Urban/Regional Development—Urban Development	
		8 participants	ENGLISH
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program is designed with the aim to develop human resources in charge of public projects promoting infrastructure development into managers with broad views and high-level skills for the supervision and control of the road, bridge and tunnel construction project mainly managed by construction machineries.</p> <p>Participants are expected to acquire the following:</p> <ol style="list-style-type: none"> <li>(1) Theoretical knowledge and practical techniques on mechanized construction method for civil engineering</li> <li>(2) Knowledge of mechanized construction management, such as of the selection and operation of construction equipment</li> <li>(3) Theoretical knowledge and practical techniques of the maintenance of construction equipment</li> <li>(4) Theoretical knowledge of the planning and management of mechanized construction</li> <li>(5) Practical experience of mechanized construction</li> </ol>	<p>&lt; Target Organization &gt;            Central/local government in charge of supervising and control of road, bridge and tunnel construction project.</p> <p>&lt; Target Group &gt;            (1) University graduates who have been specialized in the field of mechanical engineering or equivalents            (2) mechanical engineer currently engaged in mechanized construction management and with at least eight (8) years experience in the same field</p>		
CONTENTS	PROGRAM PERIOD	Sep.2.2008~Nov.28.2008	
<p>This program consists of lecture, observation, practice and discussion on the following themes:</p> <ol style="list-style-type: none"> <li>(1) Methods of machine civil engineering works</li> <li>(2) Management technology in the selection and operation of construction machinery</li> <li>(3) A theoretical approach in machine maintenance and servicing</li> <li>(4) Planning and management in machined civil engineering works</li> <li>(5) Practice in machine servicing</li> </ol> <p>At the end of the program, participants will formulate an Action Plan stating how they will utilize the knowledge and technique acquired through the program.</p>	IMPLEMENTING PARTNER	JAPAN CONSTRUCTION MECHANIZATION ASSOCIATION	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


<b>Infrastructure development and management.</b> <b>国土整備マネジメント</b>		GROUP  0880768
Target Countries : Asia		Urban/Regional Development—Regional Development 9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> Heads or equivalent of national research institute in the field of infrastructure management, or directors or equivalent responsible for public works department of central government organs will be trained to improve their abilities to formulate and implement management of the prevention and mitigation of natural disasters, in step with the economic and social development stage of their countries. <b>【Outputs】</b> (1)Participant is able to understand the current policies, regards to the prevention and mitigation of natural disasters in Japan.  (2)Participant is able to acquire the technical knowledge for the infrastructure management in the scope of prevention and mitigation of natural disasters.	<b>【Target Organizations】</b> National research institute in the field of infrastructure management, or public works department of central government organs. <b>【Target Group】</b> Director general or equivalent of above institute, or director or equivalent responsible for public works department of central government organs.	
CONTENTS	PROGRAM PERIOD	Oct. 20. 2008～Oct. 30. 2008
1.Prior to training (activities in the participant's home country) Each participant shall write a report about current situation and problems in his/her country in relation to the prevention and mitigation of natural disasters. 2.Training in Japan Participants shall act the following items. (1)Listen to keynote speech on "Prevention and mitigation of natural disasters." (2)Announce and discuss their studies and policy formulation of the prevention and mitigation of national disasters. (3)Attend the lectures on specific subjects. (4)Make field trips to survey some examples of the prevention and mitigation of national disasters in Japan. (5)Join the panel discussion to exchange the knowledge and opinions with senior researchers in the open international symposium.	IMPLEMENTING PARTNER	National Institute for Land & Infrastructure Management, Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008～2010
	REMARKS	Participants should be Senior Level (high class official).


<b>Sustainable development and public works considering environmental and social impact</b> <b>環境・社会配慮を取り入れた持続可能な社会資本整備事業</b>		GROUP  0880798
Target Countries : All over the world		Nature Conservation—Nature Conservation 6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<b>【Objectives】</b> Action plan to solve issues on environmental and social impact in public works will be considered in participating organizations.  <b>【Outputs】</b> (1) Officials in the position to decide policies will understand the importance of consideration of environmental and social impact in public works. (1st year)	<b>【Target Organizations】</b> The organization for executing infrastructure development in developing countries <b>【Target Group】</b>	
CONTENTS	PROGRAM PERIOD	Sep.28.2008～Oct.11.2008
(1)Presentation: Job Report Discussion: Issues of each country. (2)Lecture: The progress of the environmental problem in Japan. (3)Lecture and observation: The training for practical environmental countermeasures. (4)Practice: Action plan making.	IMPLEMENTING PARTNER	Ministry of Land, Infrastructure, Transport and Tourism
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008～2010
	REMARKS	


Seminar on Development and Application of Construction Engineering 建設技術の開発・応用セミナー		GROUP 	0880979
		Urban/Regional Development—Urban Development	
		6 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The participants are expected to be trained as core individuals in the Civil Engineering field to contribute to the needs of appropriately skilled people through the followings; (1) To know the recent international conditions in the construction field, (2) To gain the knowledge of the newly developed survey/design/construction engineering, (3) To deepen understanding about engineering based on local materials or traditional techniques, (4) To get a better grasp of environmental problem and recycling of the construction waste, and (5) To gain the recent maintenance technique.	< Target Organization > Central/local governments, institutes and universities in charge of civil engineering field in their country  < Target Group > (1) Mid-career officials or researchers who are in charge of civil engineering (except building and house works) (2) University graduates or equivalents majoring civil engineering or related programs (3) Individuals with between 8 and 18 years of occupational experience in civil engineering field		
CONTENTS	PROGRAM PERIOD	May.11.2008~Jun.28.2008	
The following subjects will be covered in this seminar through lectures, observations, and discussions: (1) Recent International conditions in the construction field, (2) Newly developed survey/design/construction engineering, (3) Engineering based on local materials or traditional techniques, (4) Environmental problems and the recycling of construction waste, and (5) Recent maintenance techniques. At the end of the program, the participants will formulate the Action Plan stating how they will utilize the knowledge and technique acquired through the program.	IMPLEMENTING PARTNER	Japan Construction Training Center	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This seminar will not deal with the subjects on building construction.	


National and Regional Development Policy 国土・地域開発政策		GROUP 	0880980
		Urban/Regional Development—Urban Development	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Our country has developed national land with rapid growth of economy, and brought themselves out of poverty. In late years, community based regional development and environmentally friendly development approach has been initiated in our country. Through the introduction of these experiences in Japan, this program has the aim of improving the ability of human resources in planning and implementing national / regional development policy through the followings; 1. To acquire the knowledge of planning, policy formulation, and the implementation of national land development and regional development projects in Japan 2. To obtain the practical knowledge and skills for the planning, implementation and know-how of appropriate national/ regional development policies in their country	< Target Group > (1) Individuals currently engaged in the planning or implementation of national or regional development projects or policies with more than 2 years of occupational experience (2) University graduates or equivalent		
CONTENTS	PROGRAM PERIOD	Sep.9.2008~Oct.25.2008	
This program consists of lecture, observation, practice and discussion on the following themes; 1. Policy/Institution •National Planning System in Japan its Process •Development of Japanese Economy and the Role of Government Policies •Policy Evaluation and Community Governance 2. Individual Policy •Environmental Policy in Japan •Overview of Tourism Policy in Japan •Agricultural Policy in Japan •Development and Application of Geographic Information System •Project Finance and Project Management At the end of the schedule, the participants will announce their program outputs, have group discussion, and make a presentation of their study report.	IMPLEMENTING PARTNER	Ministry of Land, Infrastructure and Transport	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


Participatory Local Social Development: Project Planning and Management 参加型地域社会開発のプロジェクト計画・管理		GROUP 	0880984
		Urban/Regional Development—Regional Development	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The participants will obtain comprehensive knowledge and skills of Participatory Local Social Development (PLSD), and will be able to plan and manage social development projects from PLSD viewpoints and perspectives.</p> <p>Expected Results are:</p> <ol style="list-style-type: none"> <li>To gain comprehensive knowledge of the Participatory Approach (PA) as an effective methodology for social preparation and experience-based learning among target local people</li> <li>To acquire the basic framework for analyzing local people's capability and mechanisms of resource utilization and management in the context of a local community and social system</li> <li>To obtain comprehensive knowledge and skills of participatory local social development planning and management</li> <li>To develop the ability to revise their respective present projects through review and analysis from PLSD viewpoints and perspectives</li> </ol>	<p>[TARGET ORGANIZATIONS] Local governments, groups that implement/plan field projects such as NGOs, research institutes, organizations that conduct Local Social Development projects.</p> <p>[TARGET GROUP] (1) Planners, trainers, and practitioners especially poverty reduction related PLSD projects (2) University graduates or the equivalent, with at least 5 years of work experience (3) Individuals with a sufficient command of English (at least TOEFL score 500 or equivalent) (4) Age: under 45 years old</p>		
CONTENTS	PROGRAM PERIOD	Jul.28.2008～Sep.6.2008	
<ol style="list-style-type: none"> <li>Introduction of the participants' projects</li> <li>Conceptual framework and practical method for PLSD</li> <li>Practical methods of PA and sectorial case studies in developing Countries</li> <li>Field Trip to PLSD related sites</li> <li>Exercises in PLSD planning, management and monitoring</li> <li>Action Plan development to improve participants' projects</li> </ol>	IMPLEMENTING PARTNER	NIHON FUKUSHI UNIVERSITY	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005～2009	
	REMARKS	<ol style="list-style-type: none"> <li>To enhance and disseminate the training outcome, applications from JICA counterparts prioritized.</li> <li>Applications without Project Report (P/R) (including P/R not following the Guidelines in GI) are not acceptable.</li> </ol>	

Urban Engineering 都市工学(長期)		L/T 	0881131
		Urban/Regional Development—Urban/Regional Development	
		3 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> Capacity development for planning and research activities in governmental offices, researchers and engineers who are expected to be involved in long-term development planning.</p> <p><b>【Outputs】</b> (1) Acquisition of basic knowledge and theories on urban and regional planning (2) Acquisition of advanced knowledge and theories on urban and regional planning (3) Acquisition of actual methodology on urban and regional planning (4) Research works and research paper writing</p>	<p><b>【Target Organizations】</b> Universities, Governmental research institutes, Governmental authorities for development planning</p>		
CONTENTS	PROGRAM PERIOD	Mar.1.2009～Mar.31.2011	
<ol style="list-style-type: none"> <li>Advanced Urban Analysis, Solid Waste Management, Environmental Systems Analysis, Environmental Reaction Kinetics, Biochemistry In Environmental Control, Fundamentals of Water Pollution Control, Advanced Course in Environmental Microbiology, Urban Transport Planning and Analysis, Residential Environment, Regional Development Planning, Urban Development Planning</li> <li>Management of Global and Urban Environment, Water Environment Technology, Urban Transport Policy, Hazardous Waste Management, Environmental Risk Management, Urban Planning In Developing Countries, Urban Water Systems, Membrane Technology for Water and Waste Water Treatment, Material cycles and Recycling system</li> <li>Advanced Course In Environmental Engineering Laboratory, Exercise on Urban Planning Project, Site observation</li> <li>Research paper, Master's or Doctoral thesis</li> </ol>	IMPLEMENTING PARTNER	Department of Urban Engineering, School of Engineering, The University of Tokyo	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008～2010	
	REMARKS		

Infrastructure Planning and Design(Master's or Doctor's degree: Engineering) 社会基盤計画・設計(長期)		L/T 	0881132
		Urban/Regional Development—Urban/Regional Development	
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Education of advancing methodologies/technologies and facilitation of ability in policy making and implementation for infrastructure planning and design in developing countries <b>【Outputs】</b> (1) Acquisition of advanced knowledge and theories on infrastructure planning (2) Acquisition of advanced knowledge and theories on infrastructure design (3) Research in international environment	<b>【Target Organizations】</b> Universities, Research Institutes and Administrative Bodies		
<b>CONTENTS</b> (1) Economics, Project Financing Theory, Project Management Theory, Regional Planning, Urban Planning, Transportation Planning, Spatial Informatics, Landscape Planning, Disaster Mitigation Planning (2) Geotechnical Engineering, Concrete Engineering, Structural Engineering, River/Coastal Engineering, Earthquake Engineering (3) Seminar/Experiment, Research Paper, Internship Program	<b>PROGRAM PERIOD</b>	Mar.15.2009～Mar.14.2011	
	<b>IMPLEMENTING PARTNER</b>	Department of Civil Engineering, The University of Tokyo	
	<b>JICA CENTER</b>	JICA Tokyo	
	<b>COOPERATION PERIOD</b>	2008～2010	
	<b>REMARKS</b>		


Graduate School of Regional development Studies, Toyo university 国際地域開発(長期)		L/T 	0881136
Target Countries: Saudi Arabia, Iraq		Urban/Regional Development—Regional Development	
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Capacity of planning and implementation of officials and researchers who take a responsibility of regional development will be improved. <b>【Outputs】</b> (1) To acquire a basic knowledge and understand a fundamental theory about Regional Development. (2) To acquire a practical methods regarding to Regional Development. (3) To acquire research methods and presentation skills of own research. (4) To compile above mentioned research output in a Master thesis.	<b>【Target Organizations】</b> Governmental or public organization in charge of national or regional development plan.		
<b>CONTENTS</b> (1) Study on theories of Regional Development Policies, Regional Studies and Regional Planning and Environment Management (2) Study on planning and implementation methods of Regional Development Policies, Regional Studies and Regional Planning and Environment Management (3) Study on research methods and presentation of research results in "Special Lecture on Regional Development Studies" (4) Submit Master Thesis based on above mentioned studies	<b>PROGRAM PERIOD</b>	Sep.1.2008～Sep.1.2010	
	<b>IMPLEMENTING PARTNER</b>	Graduate School of Regional Development Studies in Toyo University	
	<b>JICA CENTER</b>	JICA Tokyo	
	<b>COOPERATION PERIOD</b>	2008～2010	
	<b>REMARKS</b>		


Capacity and Regional Development (Master's Degree Program) キャパシティ・ディベロプメント及び地域開発(長期)		L/T 	0881147
		Urban/Regional Development—Regional Development	
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objectives】</b> The program will consist of a curriculum of program lectures, field work focused on One Village One Product in Oita Prefecture and a mandatory Research Project. Program participants will be able to gain practical experience in capacity building and theories of regional development. Under the supervision of their faculty, participants must also conduct research and write a research report or a thesis on capacity development and regional development in their home countries. In this way, their studies will have a direct effect on the development of their countries.</p> <p><b>【Outputs】</b> (1)to develop the abilities for regional development (2)to gain practical experience in capacity building and theories of regional development. (3)to get a master's degree</p>	<p><b>【Target Organizations】</b> Central / Local governments, authorities in charge of capacity and regional development. <b>【Target Group】</b></p>		
CONTENTS	PROGRAM PERIOD	Middle Sep 2008~Late Sep 2009	
<p>(1) Taking common subjects (Advanced Research Method, Advanced Data Analysis and Statistics, Regionalism and Globalization, International Political Economy, Academic Writing) (2) Taking Major common Subjects (International Cooperation Policy, Theories of Sustainable Development, Human Resources Management) (3) Taking Major core Subjects (International Public Administration, Project Evaluation, Project Planning, Development Economics) (4) Group Field Work ("One Village One Product" Regional Development Program) in Oita focusing on theoretical study and/or practical experience. (5) Conducting research and complete Master's theses or reports.</p>	IMPLEMENTING PARTNER	Ritsumeikan Asia Pacific University	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


NEPAD Programme on Technical Assistance for Infrastructure (Concrete Structure Maintenance) NEPADインフラ支援(コンクリート構造物メンテナンス)		R/F 	0884163
Target Countries: Africa		Urban/Regional Development—Regional Development	
		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This course is designed for ministries, agencies, and/or organizations which are responsible for the research and construction of concrete structures to acquire the proper techniques for the survey, diagnosis, maintenance, and management of durability of concrete structures and also deliberate the method(s) to utilize and disseminate the techniques. To achieve this program objective, participants are expected; (1) To acquire surveying and diagnostic methodologies for existing concrete structures (2) To acquire testing methods relating to the durability of concrete structures (3) To acquire various testing methods relating to alkali-aggregate reaction (4) To be able to develop the proper measures for utilization and dissemination of above techniques.</p>	<ul style="list-style-type: none"> <li>• University graduates or equivalent (preferably with a major in the field of civil engineering or architecture)</li> <li>• Individuals with field experience related to the inspection and maintenance of concrete structures and more than 2 years experience in a technical or research position</li> </ul>		
CONTENTS	PROGRAM PERIOD	Sep.15.2008~Nov.29.2008	
<p>1. Mutual recognition of issues and conditions surrounding the premature deterioration of reinforced concrete structures in participants countries will be accomplished through presentation of Country Reports.</p> <p>2. Lectures and practical studies (experimentation) will be conducted regarding durability and alkali-aggregate reaction.</p> <p>3. Fieldwork will be conducted involving actual concrete structures</p>	IMPLEMENTING PARTNER	General Building Research Corporation of Japan (GBRC)	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The participants will obtain comprehensive knowledge and skills of Participatory Local Social Development (PLSD), and will be able to plan and manage social development projects from PLSD viewpoints and perspectives.</p> <p>Expected Results are:</p> <ol style="list-style-type: none"> <li>1. To gain comprehensive knowledge of the Participatory Approach (PA) as an effective methodology for social preparation and experience-based learning among target local people</li> <li>2. To acquire the basic framework for analyzing local people's capability and mechanisms of resource utilization and management in the context of a local community and social system</li> <li>3. To obtain comprehensive knowledge and skills of participatory local social development planning and management</li> <li>4. To develop the ability to revise their respective present projects through review and analysis from PLSD viewpoints and perspectives</li> </ol>	<p>[TARGET ORGANIZATIONS] Local governments, groups that implement/plan field projects such as NGOs, research institutes, organizations that conduct Local Social Development projects.</p> <p>[TARGET GROUP] (1) Planners, trainers, and practitioners especially poverty reduction related PLSD projects (2) University graduates or the equivalent, with at least 5 years of work experience (3) Individuals with a sufficient command of English (at least TOEFL score 500 or equivalent) (4) Age: under 45 years old</p>		
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jan.26.2009~Mar.14.2009</p>	
<ol style="list-style-type: none"> <li>1. Introduction of the participants' projects</li> <li>2. Conceptual framework and practical method for PLSD <ul style="list-style-type: none"> <li>- Historical Background of PLSD</li> <li>- Conceptual Framework of PLSD</li> </ul> </li> <li>3. Practical methods of PA and sectorial case studies in developing Countries <ul style="list-style-type: none"> <li>- Theory and Practice of PA</li> <li>- PCM/PRA and PA</li> <li>- Potentialities and Constraints of PA</li> <li>- Development Elements &amp; Self-Organizing Capability</li> <li>- Local Community System &amp; Its Functional Analysis</li> <li>- Local Societal System and Phrasal Approach</li> <li>- History of Decentralization in Japan</li> </ul> </li> <li>4. Field Trip to PLSD related sites <ul style="list-style-type: none"> <li>- History and Local Administration System</li> <li>- Local Community System</li> <li>- Kominkan System (Social Education Program)</li> <li>- Community Management over Common Resource and Facility</li> <li>- Farmer's Cooperatives (JA)</li> </ul> </li> <li>5. Exercises in PLSD planning, management and monitoring <ul style="list-style-type: none"> <li>- Project Cycle Management in PLSD Perspective</li> <li>- Project Research in PLSD</li> <li>- Exercise of PLSD Research Formats</li> <li>- Project Planning in PLSD</li> <li>- Exercise of PLSD Planning Formats</li> <li>- Project Management in PLSD</li> <li>- Exercise of PLSD Project Management Formats</li> <li>- Project Monitoring &amp; Evaluation in PLSD</li> <li>- Exercise of PLSD Evaluation Formats</li> </ul> </li> <li>6. Action Plan development to improve participants' projects</li> </ol>	<p>IMPLEMENTING PARTNER</p>	<p>NIHON FUKUSHI UNIVERSITY</p>	
	<p>JICA CENTER</p>	<p>JICA Chubu</p>	
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>	
	<p>REMARKS</p>	<p>(1) To enhance and disseminate the training outcome, applications from JICA counterparts prioritized. (2) Applications without Project Report (P/R) (including P/R not following the Guidelines in GI) are not acceptable.</p>	



<b>Global Mapping: Contribution to Global Mapping Development by GIS</b> <b>地球地図作成技術:地球地図整備に貢献することを目指した地理情報システム</b>		GROUP 	0880874
Target Countries: Countries that are working in or be going to work in the Global Mapping Project.		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The objective of this program is to promote the Global Mapping Project.  [Output] To reach the objective, participants are expected to achieve the following: 1) To understand the importance of the Global Map in policy decision-making 2) To acquire the skills of remote sensing and GIS needed to develop the Global Map 3) To acquire the procedures of developing Global Map data 4) To understand the measures to promote the Global Mapping Project in the participant's country 5) To finalize the final report based on a draft written in Japan, which includes actions to be taken to promote the Global Mapping Project	[Target Organizations] National mapping organizations  [Target Group] - Individuals with at least 3 years of experience in the field of GIS, digital mapping or remote sensing - Individuals working in or be going to work in the Global Mapping Project		
CONTENTS	PROGRAM PERIOD	Aug.13.2008~Nov.1.2008	
[Preparatory phase] Participants will make a Job report which consists of the current status of the Global Mapping Project, difficulties in promoting it and possible measures to eliminate those difficulties. [Program in Japan] The program in Japan consists of lectures, practical exercises, site visits, presentations and discussions, focusing on reconfirmation of the importance of the Global Mapping Project, and providing the necessary skills to develop Global Map data. Lectures: Outline of the Global Map, global environmental problems, GIS, and digital data set format for the Global Map Practical exercises: Base map creation, digitization, raster-vector conversion, editing In parallel with these activities, participants will make a draft of the final report in which they clarify the problems hindering the Project, analyze them and suggest possible solutions to promote the Global Mapping Project. [Development phase] - Participants will share the draft of the final report in their respective organizations and elaborate feasible action plans based on it. - Three months after returning to their country, participants will submit the final report, which includes the progress of the elaborated action plans.	IMPLEMENTING PARTNER	Geographical Survey Institute, MLIT	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2004~2008	
	REMARKS	- The Global Mapping Project aims to provide standardized digital geographic information covering the earth's surface, to help solve global environmental issues. The Global Map is being produced under international cooperation by national mapping organizations participating in the Global Mapping Project. It will cover all the earth's surface by the year 2007. The target of this program is those countries which have not yet participated in the Project or have recently participated in the Project but do not yet have enough skills to develop the necessary data. - For the year 2007, those countries which have already released their Global Map data will not be allowed to participate in this training program. - Related website: Geographical Survey Institute <a href="http://www.gsi.go.jp/ENGLISH/index.html">http://www.gsi.go.jp/ENGLISH/index.html</a> Global Mapping Project <a href="http://www.iscgm.org/cgi-bin/fswiki/wiki.cgi">http://www.iscgm.org/cgi-bin/fswiki/wiki.cgi</a>	

Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries ASEAN地域振興行政セミナー(一村一品運動)		R/F  0884029
Target Countries: Asean Countries		Urban/Regional Development—Regional Development 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this course is to enable administrative officers working on the field of rural/regional development to apply practical development schemes by studying Japanese rural/regional development cases and comprehending effective administrative strategies and operations for the development.</p> <p>This seminar will analytically introduce various cases of "OVOP movement" of Oita prefecture, which is recognized as one of the most successful strategies for the revitalization of rural areas in Japan.</p> <p>To achieve the objective, participants are expected to acquire the following knowledge and techniques:</p> <p>(1) Understanding the theoretical background of regional development  (2) Acquiring knowledge of One Village, One Product Movement in Oita Prefecture  (3) Acquiring basic knowledge of RRA (Rapid Rural Appraisal) and PRA (Participatory Rural Appraisal).</p>	<p>1) Officers of the national/local governments who are in charge of planning and implementation of rural/regional development program  2) University graduates or the equivalent  3)(Preferably) Individuals between the age of 30 and 50</p> <p>Note: As this course is not specific technical training for development of products, applicants had better not be specialized in specific technical domain.</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Oct.29.2008
<p>1) Introduction lectures(rural and endogenous development, history of rural development in Japan, Local administration and finance in Japan, Role of farmers' cooperative)</p> <p>2) Administration in Oita Prefecture (Outline of Oita Prefectural government, Promotion of 1V 1P movement, Strategy for distribution and marketing)</p> <p>3) PRA Workshop (Group field research in a rural community, group presentation and discussion)</p>	IMPLEMENTING PARTNER	Oita OVOP International Exchange Promotion Committee, Educational Support Center
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2004~2008
	REMARKS	

<b>Project Formulation for Regional Development Focused on Human Security for Southeast Asian Countries</b> <b>東南アジア地域 人間の安全保障を重視した地域開発プロジェクト形成</b>		R/F 	0884110
Target Countries: Southeast Asia		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The course aims to provide the participants with a better understanding of regional development project planning with human security orientation.</p> <p>(1) Outcome Concept of human security as effective methodology for regional development is understood and shared in related organizations through disseminating what is learned during the training program and contents of action plans.</p> <p>(2) Output 1) The areas of intervention are identified from the perspective of human security 2) Skills and practical means to address human security concerns are understood 3) An action plan is developed in order to integrate the concept of human security with project planning and implementation in regional development; and 4) Dissemination activities are executed in related organizations and Result Reports are submitted describing the progress in realizing the action plans</p>	<p>1) Either government officers or NGO staff, who are directly engaged in CO works, planning, management and training activities for regional development projects in rural, rather than urban settings</p> <p>2) University graduates or equivalent, with at least 5 years working experience on regional development</p> <p>3) Individuals with a sufficient command of English (TOEFL score of at least 500 or equivalent)</p>		
CONTENTS	PROGRAM PERIOD	Jul.7.2008~Aug.13.2008	
<p>1. Pre-training program - Develop Job Report and Inception Report</p> <p>2. Training Program in Japan</p> <p>1) Human security: Overview 2) Livelihood security: Poverty reduction and empowerment 3) People on the move 4) Conflict resolution and management 5) Project planning and monitoring for regional development with human security</p> <p>3. Post-training program - Develop and submit a Progress Report</p>	IMPLEMENTING PARTNER	United Nations Center for Regional Development (UNCRD)	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country: 3	

Endogenous Regional Economic Development Utilizing Local Resources for Central Asia 中央アジア地域 地域資源を活かした内発的地域経済開発		R/F  0884212
Target Countries: Central Asia		Urban/Regional Development—Regional Development 8 participants / Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The goal is to understand the importance of endogenous regional development in the interested countries and regions, to obtain knowledge for the planning and implementation of policies and projects aimed at development and promotion of local specialities and services utilizing locally available resources, and regionally clustered industries, and eventually to extend the outcome of the training to all the related organizations after returning home.	<b>【Target Organizations】</b> ① Organizations providing supporting services for farmers groups or micro-producers ② Responsible sections in local authority (local government) providing supporting services for farmers groups or micro-producers  <b>【Target Group】</b> Public officers in local authority (local government) or public organization providing supporting services for farmers groups or micro-producers. Preferably with more than 10 years experience in this field.	
CONTENTS	PROGRAM PERIOD	Nov.10.2008～Dec.13.2008
1. Understanding the importance of endogenous regional development and organizing problems and challenges in interested nations and areas 2. Understanding support systems and measures to promote endogenous regional development in Japan and trying to find applicability 3. Understanding methods and know-how to create business opportunities by connecting available resources and market needs to develop products and services and trying to find their applicability 4. Comparing actual special local products and cases of local industry promotion in developing countries and Japan through case studies and trying to find applicability in interested nations and areas 5. Making action plans to cope with the problems and challenges faced by interested nations and areas, based on the above-mentioned results	IMPLEMENTING PARTNER	United Nations Center for Regional Development
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2007～2009
	REMARKS	Expected number of participants per country : 1-2

Target Countries: ASEAN countries(Vietnam, Laos, Myanmar, Cambodia, East Timor)

10 participants /

English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Nowadays, many countries need to find their own way to develop their regions. And for Cambodia, Laos, Myanmar and Vietnam, they are facing difficulties as they have strong neighboring countries nearby, who could be big competitors for their own markets. In this situation, many countries like to apply the one-village one-product movement to their countries, however, it is necessary to understand its concepts and community capacity development.</p> <p>The purpose of the training course is to make an appropriate proposal based on community capacity development. For this purpose, we set up 4 objectives:</p> <p>(1) Understand the concept of rural community development,                      (2) Understand the system and the policy for community capacity development through case study of One Village One Product Movement,                      (3) Understand the system of planning, implementing and evaluating for rural development, and                      (4) Make a plan for rural development on the basis of community capacity development</p>	<p><b>【Target Organizations】</b>                      National/Regional governments in charge of planning/implementing/evaluating regional development and its systems</p> <p><b>【Target Group】</b></p> <ul style="list-style-type: none"> <li>• Central/Rural Officials who are in charge of planning / implementing / evaluating the rural development</li> <li>• University graduates or equivalent,</li> <li>• Individuals with a sufficient command of spoken and written English</li> <li>• (Preferably) Individuals 40 years of age or younger</li> </ul>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jun.15.2008～Jul.5.2008
<p><b>【Lectures】</b></p> <ul style="list-style-type: none"> <li>• Community capacity development</li> </ul> <p><b>【Lectures/Group Discussion】</b></p> <ul style="list-style-type: none"> <li>• System of regional government</li> <li>• Decentralization</li> <li>• Role of regional government in regional development</li> <li>• Networking/Organization</li> <li>• Difference of OTOP(Thailand) and OVOP (Japan)</li> <li>• Planning and evaluation, performance measurement</li> </ul> <p><b>【Discussion】</b></p> <ul style="list-style-type: none"> <li>• Human development, leaders</li> <li>• Re-evaluation and efficient use of local resource</li> </ul> <p><b>【Case Studies】</b></p> <ul style="list-style-type: none"> <li>• Road side station, small business by women's groups</li> <li>• OVOP (e.g. Oyama, Yufuin)</li> <li>• Social Development (Health Sector, Education)</li> </ul>	<b>IMPLEMENTING PARTNER</b>	Ritsumeikan Asia Pacific University (APU)
	<b>JICA CENTER</b>	JICA Kyushu
	<b>COOPERATION PERIOD</b>	2007～2009
	<b>REMARKS</b>	Several participants from each country: Laos, Vietnam, Cambodia, Myanmar, East Timor

Target Countries: Eastern Europe


8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Outcome&gt;                      To elaborate a Strategic Regional Development Plan through eco-tourism and to share the Plan among the governmental organizations, NGOs and other related organizations.</p> <p>&lt;Outputs&gt;                      Through the course, participants are expected:</p> <ol style="list-style-type: none"> <li>1. to understand the overall challenge for eco-tourism in Japan.</li> <li>2. to understand the importance of cooperative network among governmental organizations, inhabitants, and private sector.</li> <li>3. to understand the role of stakeholders in the social community for the sustainable regional development.</li> <li>4. to understand the strategic business model for eco-tourism and its business management.</li> <li>5. to formulate a Strategic Regional Development Plan through eco-tourism plan which includes the suggestions, methods, and visions.</li> </ol>	<p><b>【Target Organizations】</b></p> <ul style="list-style-type: none"> <li>- National government</li> <li>- Local governments/authorities</li> <li>- Other relevant organization including NGOs, public/private associations involved in tourism promotion at local level</li> </ul> <p><b>【Target Group】</b></p> <ul style="list-style-type: none"> <li>- Individuals with at least three (3) years practical experience in tourism sector (experience in eco-tourism is highly preferable)</li> </ul>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Mar.30,2009～Apr.26,2009
<ol style="list-style-type: none"> <li>1. Overview of eco-tourism in Japan                             <ul style="list-style-type: none"> <li>- activity of Japan Ecotourism Society (JES)</li> <li>- eco-tourism movement in Japan</li> <li>- relationship between Japanese tourism policy and eco-tourism</li> <li>- eco-tourism business model</li> </ul> </li> <li>2. Inception Report presentation</li> <li>3. Case studies                             <ul style="list-style-type: none"> <li>-local tourism promotion policies/plans by city and villages</li> <li>-Field visit</li> </ul> </li> <li>4.Preparation of action plan</li> </ol>	<b>IMPLEMENTING PARTNER</b>	Japan Ecotourism Society
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2007～2009
	<b>REMARKS</b>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The participants will propose improvement plans of public works administration in their governments.                      To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the development plan in Hokkaido.                      (2) To understand the outline of the public works administration in Hokkaido including the following topics, using a road construction project as a subject.</p> <ul style="list-style-type: none"> <li>• Roles between the central and local government.</li> <li>• Legal procedures regarding public works.</li> <li>• Public works administration system</li> </ul> <p>(3) To understand the basic concepts of civil engineering, such as a road construction plan, designing techniques and matters to keep in mind when carrying out plans.                      (4) To understand adequate public works administration by learning the following topics.</p> <ul style="list-style-type: none"> <li>• Measures for efficiency and transparency in road construction projects</li> <li>• Environmental control measures</li> <li>• Urbanization measures</li> <li>• Disaster prevention system</li> </ul> <p>(5) To identify and analyze issues in public works in the participant's organizations and make Action Plan.</p>	<p>1) Current Duties: a civil engineer in charge of public works administration in central or local governments in the field of road development, essentially.                      2) Experience in the relevant field: have more than five (5) years' practical experience including in the field of road development, essentially.                      3) Educational Background: be university graduates or persons who have equivalent technical qualifications in this field.                      4) Under 40 of age</p>	
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.15.2008
<p>Preparatory Phase:                      Present job activities and issues concerning public works administration in the participant's organization and country are to be described in the Inception Report.</p> <p>The curriculum is composed of the following subjects and designed to give the participants a comprehensive picture of the roles of public works administration. Road is taken up as a main case study subject.                      Lectures:                      - Community development in Japan, - History of development in Hokkaido, - Laws and budget system regarding infrastructure, - Tender and contract system, - Project implementation structure, - Procedure for planning, construction and maintenance of roads, - Free access to information regarding public works, - Participatory approaches for consensus building                      Field visits:                      - Present situation of infrastructure in Hokkaido, - Maintenance and management of roads, - Road construction techniques, - Environment protection measures for road construction and maintenance                      Practical exercises:                      -Action Plan writing and presentation</p> <p>Finalization Phase:                      Report the progress of implementing Action Plan as Final Report within three(3) months after completion of the program in Japan</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>JICA CENTER</p>	<p>DEPARTMENT OF CONSTRUCTION, HOKKAIDO GOVERNMENT</p> <p>JICA Sapporo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006~2010</p>
	<p><b>REMARKS</b></p>	<p>The objective of this seminar is NOT skill training in road engineering, although roads will be taken up repeatedly during the seminar as lecture subjects and field visit destinations.</p>

Urban Development (focused on Land Readjustment Measure) 都市整備		GROUP  0880325
Target Countries: Countries with cities of population 500,000 or more		Urban/Regional Development—Urban Development 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to improve the methods and systems of urban development in participants' respective countries by learning urban development/renewal system and methods and techniques for land readjustment in Japan.</p> <p>At the end of this program, the participants are expected;</p> <p>(1) To understand the outline of Japanese urban development system and land readjustment techniques,</p> <p>(2) To identify current issues regarding urban development systems and techniques in their home countries, and</p> <p>(3) To study applicability of Japanese urban development systems/techniques and propose improvement plan of urban development system/techniques.</p>	<p>Eligible / Target Organization: This program is designed for central/local governments responsible for the formulation of urban development policies or the implementation of urban development programs/projects.</p> <p>Applying Organizations are expected to adequately select nominees. Nominees must;</p> <p>(1) have university degree or equivalent, with more than 5 years of professional experiences in urban development and/or urban planning in principle,</p> <p>(2) be between thirty (30) and forty five (45) years of age in principle,</p> <p>(3) be responsible for the formulation of urban development policies or the implementation of urban development programs/projects,</p> <p>(4) have a high level of English language ability in speaking and writing, (Note: If you provide evidence of language ability as tested by a registered body, your application would be prioritized against others.)</p>	
CONTENTS	PROGRAM PERIOD	May.27.2008~Jul.19.2008
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries.</p> <p>(1) Study pre-training materials which will be sent in advance</p> <p>(2) Formulation of Inception Report stating the situation of your country's urban development plan, its system and the current issues which participants and participants' organizations are now facing.</p> <p>Core Phase in Japan: The program consists of the following modules:</p> <p>(1) Inception Report presentation</p> <p>(2) Overview of city planning system in Japan</p> <p>(3) Particular subjects of Urban Development</p> <p>(4) Introduction of LR (Land Readjustment) system in Japan</p> <p>(5) Case Study (Site Observation)</p> <p>(6) Applicability of LR</p> <p>(7) LR Design</p> <p>(8) Interim Report Preparation and Presentation</p> <p>Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning urban development.</p> <p>Finalization Phase: Participants are expected to share Interim Reports with colleagues as well as the senior management of the same offices. The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write final improvement plans in the Final Report.</p>	IMPLEMENTING PARTNER	CITY AND REGIONAL DEVELOPMENT BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	



<b>Building Codes and Control Systems (Building Safety and Social/Environmental Consideration)</b> <b>建築基準と規制システム(建築物の安全性と環境社会配慮)</b>		GROUP  0880711
Target Countries: Countries with cities of population 500,000 or more		Urban/Regional Development—Urban Development 11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective is to formulate an improvement plan of building codes and/or control systems.</p> <p>The program emphasizes the following topics:</p> <p>(1) Structural Safety            (2) Fire Prevention and Evacuation Safety            (3) Energy Conservation            (4) Barrier-free Buildings</p> <p>The participants are expected</p> <p>1. To understand the outline of the building standards and the regulatory systems of Japan,            2. To understand the Japanese measures with regards to the followings;            (a) Building standards and regulatory systems effective for securing the structural safety of buildings,            (b) Building standards, the regulatory systems effective for securing fire prevention and evacuation safety (prevention of outbreak and spread of fire, securing safety in evacuation) of buildings, and points to remember for their applications,            (c) Energy saving concept of buildings, and points for its promotion,            (d) The barrier-free concepts of buildings,            3. To identify problems relating to implementation of the building standards and the regulatory systems of their home countries, and formulate plans to solve or improve them.</p>	<p>[Target Organizations]            Governments or Governmental Organizations responsible for the establishment of building standards or the improvement and application of regulatory systems</p> <p>[Target Groups:]            Officials (more than 5 years of experience, under 50 years old)</p>	
CONTENTS	PROGRAM PERIOD	May.13.2008~Jun.26.2008
<p>Preparatory Phase in home country: An inception Report including current situations and issues of building standards/regulatory systems</p> <p>Program in Japan: (Modules)</p> <p>1. Elements of building codes and control systems and their relations to natural and social environments (lectures, observations and a home stay program)            2. Structural Safety (lectures and observations)            3. Fire Prevention and Evacuation Safety (Lectures, Cases study and observations)            4. Energy Conservation (lectures and observation)            5. Barrier-free buildings (lectures and workshop)            6. Technology for the above mentioned purposes (lectures and observation)            7. Formulation of an improvement plan for building codes and/or control systems (discussion, individual guidance and presentation)</p> <p>Post-program activities            Participants are expected to share the proposal with colleagues as well as the senior management of the same offices. The concepts and implementation plan of the proposal are reviewed and examined within the government. The returning participants are required to report the progress of the proposal to JICA Tokyo.</p>	IMPLEMENTING PARTNER	HOUSING BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	<p>The course is not purposed to learn architectural design nor architectural engineering. Building Standard Law of Japan consists of three parts, (1) General provision (2) Building codes (3) Zoning codes, The program mainly focuses on building codes.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to acquire methods/know-how of comprehensive regional development management lead by central government initiative, by learning Hokkaido regional development experience.</p> <p>Upon successful completion, following outputs are expected;</p> <p>(1) To Understand Hokkaido regional development lead by central government                      (2) To understand various regional development methods (e.g. industry promotion, infrastructure development, environmental conservation etc.)                      (3) To understand roles of central and local government in regional development                      (4) To Apply Hokkaido development experience into participant's country                      (5) To Propose action plan regarding (4)</p>	<p>(1) Administrative officers engaged in regional development                      (2) At least 2 years of working experience in related field                      (3) Proficient in spoken and written English                      (4) In good health both mentally and physically to undergo the whole training period</p>	
CONTENTS	PROGRAM PERIOD	June.17.2008~Aug.8.2008
<p>&lt;Preparatory Phase&gt;                      Country Report Preparation                      &lt;in Japan&gt;                      (1) Presentation of pre-training reports and discussion.                      (2) Lectures, case studies and discussions about promoting Hokkaido comprehensive development and measures of management by the central government.                      (3) Lectures about tackling with regional development in Hokkaido and field trips to the real regional development areas in Hokkaido and exchanging opinions.                      (4) Making action plans which include proposals of improvement policies for regional development and plans for the execution of these policies in each country.                      (5) Presentation of action plans and exchanging opinions.                      &lt;Finalization Phase&gt;                      (1) Presentation of action plans in participant's organization.                      (2) Report submission by home organization on the possibilities of realization of the action plan</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Sep.23.2008 to Nov.14.2008 in the same content.</p>

Target Countries: country which has a city with a population of 500,000 or more

20 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Objectives To consider an improvement plan of urban transportation planning and project in the recipient country</p> <p>Expected Output (1) To clarify issues concerning urban development and urban transportation planning in the recipient country (2) To master forecasting and planning methods of urban transportation by using JICA STRADA(Traffic Demand Forecasting/Analysis Program) (3) To propose an improvement plan for the urban transportation planning/project and the issues in the recipient country</p>	<p>Target Organizations Central/local government offices responsible for transportation policy formation or urban transportation planning/management</p> <p>Nominee Qualifications Applying Organizations are expected to adequately select nominees. Nominees must; (1) be university graduates or their equivalents, with at least three years of the professional experience in urban transportation planning and management, (2) be central/local government officials, at the middle- or senior-level, responsible for urban transport policy formation or urban transportation planning/management, in a city with a population of 500,000 or more, (3) be in principle forty (40) years of age or under</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Sep. 23. 2008~Nov. 29. 2008</p>
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries. (1) Study pre-training materials which will be sent in advance (2) Formulation of Inception Report stating the situation of your country's urban transport, its system and the current issues which participants and participants' organizations are now facing.</p> <p>Core Phase in Japan: The program consists of the following modules: 1. Lectures and Site visits (1) Urban Transportation Planning (Overview and Conception) (2) Surveying and Analysis Methods (JICA STRADA) (3) Plan formation and Case Study (4) System of Public Transportation Services /Operation Plan 2. Practice in JICA STRADA and Presentation of its result 3. Drawing up and Presentation of Interim Report Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning urban transport.</p> <p>Finalization Phase: Participants are expected to share Interim Reports with colleagues as well as the senior management of the same offices. The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write final improvement plans in the Final Report.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p>	<p>Japan Transportation Planning Association</p> <p>JICA Tokyo</p> <p>2008~2010</p>
	<p>REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Overall Goal]                      To develop leading technical managers who envision effective and efficient management approaches of national surveying and mapping projects according to the diversification of customers' needs and development of society.</p> <p>[Objective]                      After finishing this course, a concept how to plan and manage the national surveying and mapping and a concept of institutional strengthening of National Mapping Organization through the participant's experience in Japan will be shared.</p> <p>[Outputs]                      To reach the objective, participants are expected to achieve the following:                      1) To master planning and managing skills of surveying and mapping conducted by NMO's as well as institutional and legal frameworks of NMOs.                      2) To master contemporary technologies for surveying and mapping such as GPS, GIS, digital photogrammetry and Remote Sensing.                      3) To develop an action program of NMO taken in consideration of his/her own country's socio-economic situation, and make a presentation about it.                      After returning to his/her country                      4) To make an evaluation report of the action program written in Japan based on the audience's opinion of reporting session with the attendance of supervisors.</p>	<p>[Target Organizations]                      National Surveying and Mapping Organizations (NMO)</p> <p>[Target Group]                      Technical officials at managerial level (head or deputy head of a division) for at least 7 years</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Nov.17.2008~Jul.7.2009
<p>[Preparatory Phase]                      Participants will make a Job Report in order to identify and realize the problems of their respective NMOs.</p> <p>[Program in Japan]                      The program consists of lectures, practice, study trips, workshops and individual study include the following subjects:                      (1) General Studies                          - Data Processing                          - Presentation Techniques                          - Physical Exercise                      (2) Cultural Studies                          - Society &amp; Economy                          - Science &amp; Technology                          - Global Issue                      (3) Planning and management Techniques                          - Planning Tool                          - Management Tool                          - Organizational Strengthening                      (4) Survey Administration                          - Survey Administration                          - Issues in Survey Administration                          - Survey Project Management                          - Customer Service                          - International Cooperation                          - Survey Education                      (5) Survey Technology                          - Basic Survey Technology                          - VLBI/GPS Survey                          - GIS                          - Digital Photogrammetry/RS                          - Trend of new technology                      (6) Workshop (Group Discussion) Proposal of strategy in NMOs                      (7) Individual Study for optimizing NMOs activities</p> <p>[Development Phase]                      Within three months of returning to their home countries, the participants finalize the evaluation report and submit to Japan.  <u>Detail:</u> Participants will present the report prepared in Japan to supervisors and colleagues and elaborate an evaluation report taking audience evaluation and opinion into consideration. The evaluation report will be submitted to local JICA office in three months after leaving Japan with the official letter of the NMO, in case there is no local JICA office the final report should be sent to JICA Tsukuba directly.</p>	<b>IMPLEMENTING PARTNER</b>	Geographical Survey Institute, MILT
	<b>JICA CENTER</b>	JICA Tsukuba
	<b>COOPERATION PERIOD</b>	2005~2009
	<b>REMARKS</b>	GSI: <a href="http://www.gsi.go.jp/ENGLISH/">http://www.gsi.go.jp/ENGLISH/</a> (The contents of the program are subject to change.)

Target Countries: Countries with cities of population 500,000 or more

12 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is to consider improvement plans regarding city planning and urban development against the issues facing recipient countries.</p> <p>To achieve the above Program Objective, participants are expected;</p> <p>(1) To understand the concepts of urban planning, administration and financial systems, city environment and urban transportation in Japan, comprehensively,</p> <p>(2) To acquire the ability of urban development planning, and</p> <p>(3) To identify the problems/issues relating to urban planning and propose an improvement plan</p>	<p>Eligible / Target Organization: This program designed for central/local governments responsible for the formulation of urban development policies/regulations or the implementation of urban development programs/projects.</p> <p>Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must;</p> <p>(1) be university graduates or equivalent, with more than five years of professional experience in urban planning and/or urban development,</p> <p>(2) be central/local government officials responsible for the formulation of urban development policies/regulations or the implementation of urban development programs/projects,</p> <p>(3) be in principle forty (40) years of age or under, in principle.</p>	
CONTENTS	PROGRAM PERIOD	Aug. 26. 2008~Oct. 17. 2008
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries.</p> <p>(1) Study pre-training materials which will be sent in advance</p> <p>(2) Formulation of Inception Report stating the situation of the country's city planning and urban development, its system and the current issues now facing participants and participants' organizations.</p> <p>Core Phase in Japan: The program consists of the following modules:</p> <p>(1) Inception Report Presentation</p> <p>(2) Overview of Urban Development Issues</p> <p>(3) System for City Planning</p> <p>(4) Particular subjects of City Planning</p> <p>(5) Master Plan</p> <p>(6) Case Study (Site Observation)</p> <p>(7) Interim Report Preparation and Presentation</p> <p>Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning city planning/urban development.</p> <p>Finalization Phase: Participants are expected to share Interim Reports with colleagues as well as the senior management of the same offices. The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write a final improvement plans in the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p>	<p>CITY AND REGIONAL DEVELOPMENT BUREAU, MLIT</p> <p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	

Improvement of Housing and Living Environments 住宅・住環境改善		GROUP  0880950
		Urban/Regional Development—Urban Development
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of the course is to help Central and Local Governments or Governmental Organizations formulate a proposal to improve policies or systems regarding housing and living environments.</p> <p>Through the course, participants are expected to:</p> <ol style="list-style-type: none"> <li>1. Understand policies and systems regarding the housing and living environments of Japan,</li> <li>2. Identify effective policies and systems to improve housing and living environments and the points to be considered for the implementation, and</li> <li>3. Describe problems and issues regarding the systems and policies for housing and living environments of their countries, and propose a plan to improve those systems and policies</li> </ol> <p>The main theme of this program is Housing and Living Environment. The program hardly covers City Planning and Civil Engineering.</p>	<p>[Target Organizations] Central/Local governments or related organizations responsible for policy planning or implementation to improve housing conditions (except construction work)</p> <p>[Target Group] (1) Officers who belong to target organizations and are expected to play a leading role in the field (2) University graduates or equivalent (3) Age: 30–50 years old</p>	
CONTENTS	PROGRAM PERIOD	Oct.19.2008～Nov.29.2008
<p>Preparatory phase: Participants are required to make Country Report stating the situation of the country's housing and living environment, and the current issues which participants and participants' organizations are now facing.</p> <p>Program in Japan: The program is consists of following modules:</p> <ol style="list-style-type: none"> <li>1. Japanese housing situation and housing policy (Social system, situation of housing and housing policy, city and housing issues in rural areas)</li> <li>2. Housing policy and system (public housing, housing loans, housing quality assurance, building standard law)</li> <li>3. Housing and urban development and improvement (city planning, re-development, land readjustment, living environment improvement, development of new-towns, urban renewal, preservation districts for groups historic buildings)</li> <li>4. Prevention of disaster</li> <li>5. International cooperation (field of housing and building, HABITAT)</li> <li>6. Housing issues and policy in developing countries (social and economic development and housing policy)</li> </ol> <p>The participants are required to propose the improvement plan of the urban transportation planning and project.</p> <p>Post-program activities Participants are expected to share the proposal with colleagues as well as the senior management of the same offices. The concepts and implementation plan of the proposal are reviewed and examined within the governments. The returned participants are required to report the progress of the proposal to JICA Tokyo.</p>	IMPLEMENTING PARTNER	HOUSING BUREAU, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005～2009
	REMARKS	Just after the end of the World War, housing shortage and increasing housing quality were big issues in Japan. Through such experience of Japan, the program can provide various kinds of experience and knowledge at any stage of housing development.

Target Countries: Central Asia


10 participants / Russian


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to provide practical knowledge and wide-range perspectives for planning and management of regional development policy by learning regional development experience in Hokkaido.                      Upon successful completion, following outputs are expected;                      1) Understand the Hokkaido comprehensive development designated by the central government                      2) Understand regional development through studying cases of Hokkaido (Industrial promotion, Environmental conservation, Public works, etc.)                      3) Understand the roles of the central and local government                      4) Evaluate the Hokkaido comprehensive development and consider its applicability in each country</p>	<p>(1) Nominated by each government in accordance with the proper procedures                      (2) Working experience in the field of regional development administration for more than 2 years                      (3) Administration officers in the field of planning and implementation of regional development                      (4) University graduates or equivalent                      (5) Individuals over 25 and under 40 years of age                      (6) Individuals proficient in spoken and written Russian                      (7) Individuals in good health, both physically and mentally, to undergo the course of training</p>	
CONTENTS	PROGRAM PERIOD	Jan.14.2009~Feb.20.2009
<p>&lt;Preparatory Phase&gt;                      Prepares Pre-training Report to share the problem he/she has.                      &lt;Curriculum in Japan&gt;                      -Lectures: On Japan's administrative and financial system/comprehensive development of Hokkaido/Growth of Japanese Economy and its Background/Hokkaido comprehensive development system and National, Regional Development Financing Systems/Relationship between Central and Local government/Finance system in Japan and Hokkaido development budget/Project assessment systems/Planning and Supervising by Local Administration/Local government system/Agricultural policy/Industrial policy/Promotion policy on SMEs/Environmental policy, Integrated transportation system/Public works/Mechanism and system of agricultural cooperative                      -Field visit: Public works/SMEs/Agricultural cooperatives/Local promotion                      -Presentation: Country reports and action plans                      &lt;Finalization Phase&gt;                      Present Action Plan in respective organizations</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau (HRDB), Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2010
	REMARKS	

<b>Community Capacity and Rural Development – Focusing on One Village One Product</b> <b>– for African Countries</b> <b>アフリカ地域産業振興(一村一品)</b>		 0884252
		Urban/Regional Development—Regional Development
		15 participants /
OBJECTIVE	TARGET ORGANIZATION / GROUP	
Through this program, participants are expected to; (1) understand the concept of community capacity and rural development, (2) understand the system and the policy for community capacity development through case study of One Village One Product Movement, (3) understand the system of planning, implementing and evaluating for rural development, and (4) make a plan for rural development on the basis of community capacity development and learn the appropriate methods in order to materialize the plan.	Central/Local officials who are in charge of planning / implementing /evaluating the rural development.	
CONTENTS	PROGRAM PERIOD	Mar.16.2009～Apr.12.2009
1. Preliminary Phase in a participant's home country Preparation of Inception Report  2. Core Phase in Japan 1) Lecture, presentation and discussion •Community Capacity Development •Inception Report Presentation •Role of local government in regional development •Japan's Administration System: Organization and responsibility for development •Planning and Evaluation of Project •Marketing/Brand Promotion •Interim Report Preparation, Presentation and Discussion  2) Case Studies and Group Discussions  3) Filed Work (Focus on OVOP)  3.Finalization Phase in a participant's home country Writing and submission of Final Report	IMPLEMENTING PARTNER	Ritsumeikan Asia Pacific University (APU)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007～2009
	REMARKS	This program includes active participation in discussions and action plan development, thus requires high competence of English ability.



# 17.Environmental Management

<b>Domestic Waste Water Treatment Techniques</b> <b>生活排水対策</b>		GROUP  0880006 Environmental Management—Water Pollution 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
The objective of this program is to make feasible action plans to solve or improve wastewater problems for which the participant is responsible through learning about Japanese wastewater treatment techniques and policies. To reach the objective, participants are expected to achieve the following: (1) To understand waste water treatment management in Japan and in regional governments, and understand the problems in own country (2) To acquire a basic understanding of the knowledge and technologies related to waste water treatment systems for sewerage and others, and be able to evaluate technologies that can be applied in your own country (3) To learn methods for measuring the degree of environmental pollution and methods for managing pollution, and be able to explain them (4) To comprehend the ideal form of effective waste water treatment technologies in terms of water resource and river pollution treatment policies from the point of view of water recycling and the water cycle (5) To propose sewerage management plans	[Target Organizations] Central/local government  [Target Group] Technical administrators in the field of domestic wastewater treatment in central or local governments	
CONTENTS	PROGRAM PERIOD	Aug.27.2008~Dec.8.2008
All topics consist of lectures, practice, and exercises (1) Introduction to municipal administration, Introduction to water quality preservation (2) Wastewater treatment technique, Treatment technique for human waste, Low-cost septic tank technology, Solid waste management (3) Monitoring method for toxic chemicals, Leachate treatment technique (4) Administration for water quality, Monitoring method for water pollution, Recycling technology of polluted mud (5) Job report, Action plan, Project cycle management	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2005~2009
	REMARKS	1) A problem analysis sheet is used to help identify the participants' problems in their countries. 2) The curriculum focuses on low-cost domestic wastewater treatment methods such as septic tanks.


<b>Environmental Administration with Community Participation</b> <b>住民との協働による環境都市づくり</b>		GROUP  0880007 Environmental Management—Water Pollution 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
This program is designed to enable participants to improve their abilities to prevent environmental pollution undergoing rapid industrialization through lessons learned from Minamata's experience, and to utilize know-how of mobilizing local communities in the environmental conservation policies of participants' countries. 1) Through understanding what Japan and Minamata City have experienced, be able to understand the seriousness of pollution damage and the difficulty of restoring the natural environment. 2) Through observation of Minamata City activities, understand the specific arrangements of the creation of a recycling-oriented society in Japan that involves the residents, the private companies, local governments and the state. 3) Understand the arrangements of environmental education conducted in concert with local residents. 4) Propose a basic strategy for environmental improving activities with community participants in your own country.	(1) Program officers at central or local government engaged in environmental policy-making (2) NGO personnel working on environmental conservation * Participants are expected to have experience or a strong interest in formulating and implementing projects based on community participation	
CONTENTS	PROGRAM PERIOD	Oct.1.2008~Nov.17.2008
The program consists of lectures, practical exercises, discussions, observation and communication with local residents, covering the following themes: (1) Causes of "Minamata Disease" and its mechanism, Physical and mental injury by Minamata disease and its deleterious effects on local communities (2) Environmental policies and administration of the nation, prefecture and Minamata disease (3) Efforts made by Minamata City government and local residents toward environmental conservation (classification of wastes, activities relating to ISO14001), Communication with patients of Minamata disease, their families and citizens (4) Job report, Action Plan	IMPLEMENTING PARTNER	MINAMATA CITY GOVERNMENT
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2005~2009
	REMARKS	Participation of countries which face the hazard of environmental pollution is preferable.  At least 2 candidates are required per country.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the training course is to enhance the ability of policymaking especially for environmental policy or regulations based on the environmental monitoring data.                      For this purpose, we set up 4 objectives:</p> <p>(1) To understand the meanings of the environmental indicators                      (2) To acquire the ability to formulate the environmental standards based on the environmental monitoring data                      (3) To acquire the ability to formulate the environmental regulations based on the environmental monitoring data                      (4) To acquire the ability to plan countermeasures against pollution based on the environmental regulations</p>	<p><b>【Target Organizations】</b>                      Policy making sections about environmental issues in central / local governments</p> <p><b>【Target Group】</b>                      Policymakers of the environmental policies or regulations</p>	
CONTENTS	PROGRAM PERIOD	Jan.14.2009～Feb.2.2009
<p>1) Meaning of environmental indicator (BOD, COD, NOx, SOx, etc.)                      2) Environmental monitoring method                      3) Formulating the environmental standards based on the environmental monitoring data in participating countries                      4) Formulating the environmental standards</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2007～2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed for technical officials in developing countries, who are in charge of solid waste management in national/local government to enhance their capabilities for effective and proper planning and implementation of solid waste management.</p> <p>1)to clarify the issues and causes of solid waste management in their respective countries.                      2)to understand the present system and the historical process of environmental policy and solid waste management in Japan                      3)to understand the techniques and measures used in each process of solid waste management (collection and transportation, intermediate treatment, final disposal) in Japan                      4)to understand the importance and concrete methods of environmental education/awareness for solid waste management                      5)to understand the role and concrete methods of environmental management such as EIA in solid waste management</p>	<p>Department which deals with solid waste management in national/local government</p>	
CONTENTS	PROGRAM PERIOD	Dec.1.2008～Feb.20.2009
<p>1)Issue Analysis Workshop                      2)Outline of environmental Preservation Administration, Industrial Waste Administration etc.                      3)Landfill Disposal Technique, Promotion of 3R, collection and transportation etc.                      4)Basic Policy for Environmental Education, Practice in Environmental Education etc.                      5)Environmental Impact Assessment, etc.</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008～2010
	REMARKS	

Integrated Solid Waste Management for Central and Local Government Officers 行政官のための固形廃棄物総合管理		GROUP	0880102
		Environmental Management—Environmental Administration	
		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】Strengthening of capacity on effective SWM system planning through the integrated technologies in the said field, by government officers practically in charge. The said targeting groups shall be encouraged to grow the mind for local development and environmental conservation as well. 【Outputs】(1) 1) Issue Analysis Workshop/To clarify the issues and causes of solid waste management in their countries./ (2) 2) Industrial Waste Administration/To understand the present system and the characteristics of SWM administration to compare with their own and to extract hints for improvement. / (3) 3) To understand the techniques used in each process of solid waste management (collection and transportation, intermediate treatment and final disposal) in Japan/ (4) 4) To understand the concrete methods of environmental education/awareness for solid waste management/ (5) 5) To understand the concrete methods of autonomous Environmental Management System (EMS) to achieve adequate solid waste management</p>	<p>【Target Organizations】 Department which deals with solid waste management in national/local government or related organizations. 【Target Group】 National or local governmental officers for Integrated Solid Waste Management with more than five (5) years of practical experience in the field of Waste Management. Being university graduates or have the equivalent academic background. Being proficient in speaking and writing English</p>		
CONTENTS	PROGRAM PERIOD	Jan.13.2009～Feb.28.2009	
<p>(1) Country&amp;Job report/Problem Analysis /Awareness raising for local development and environmental conservation, Prediction of urbanization /Goal setting for each one's country or region (2) Laws and regulations on Waste management in Japan/Waste administration at central/local government and Waste separation/3R policy, accuracy of waste separation, recognition as a "resource"/Environmental Impact Assessment on Installation of disposal site (3) Technologies for collection and transportation /Waste treatment technology /Accompanied effluent gas and discharged water treatment technology, detoxifying technology for hazardous substances and residues/Concepts on Eco-Town and recycling business/Planning of waste treatment technologies appropriate for each country (4) Environmental awareness raising activities, methods taken by Government, schools and private sectors, for the purpose of environmental protection promotion (5) ISO 14001/Step-by-step approach of goal setting, implementation, review by abridged and local version of EMS</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer (ICETT)	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2008～2008	
	REMARKS		


Workshop on Administration of Environmental and Social Consideration Process for Implementation of a Japanese ODA Loan Project 円借款事業における環境社会配慮実務		GROUP	0880106
		Environmental Management—Other Environmental Management Issues	
Target Countries: Countries which have an on-going or a proposed Japanese ODA Loan Project		18 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 The participants are expected to work for qualitative improvement of the EIA in their countries and to implement the environmental and social considerations required to Japanese ODA Loan. 【Outputs】 (1) To be able to explain necessity of adequate environmental and social considerations referring to lessons from experience of ODA projects  (2) To be able to explain outline of guidelines of environmental and social considerations required for a Japan's ODA loan project (3) To understand the fundamental ideas of EIA and to be able to explain their proper procedure of environmental and social consideration and technical points for their implementation. (4) To identify the issues and measures to promote proper EIA in their countries</p>	<p>【Target Organizations】 (1) Implementation body of a Japan's ODA Loan Project (or a proposed project), which requires environmental and social consideration in accordance and (2) the implementation body of the EIA</p>		
CONTENTS	PROGRAM PERIOD	May.18.2008～May.31.2008	
<p>(1) - Lecture &amp; Discussion: Experience of environmental and social consideration for ODA projects and its lessons -Lecture: lessons and learns of large scale development project in Japan -Lecture: Project economic analysis of a project and environmental and social consideration (2) - Lecture: Environment and Social Consideration of JBIC and JICA (3) -Lecture: Overviews of EIA -Lecture: Social Environmental Assessment - Lecture: - Group work: EIA Process (Screening, Scoping, Mitigation, Public Hearing &amp; Transparency /Accountability, Monitoring &amp; Follow-up) (4) -Presentation: Country Report, Case Study -Lecture: Environmental Assessment law in Japan(Comparative study) -Report writing: on findings through the program</p>	IMPLEMENTING PARTNER	Japan Bank for International Cooperation	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008～2010	
	REMARKS		


<b>Waste Management and 3Rs (Reduce,Reuse,Recycle) Policy</b> <b>廃棄物3R・再資源化</b>		GROUP 	0880121
		Environmental Management—Urban Solid Wastes	
		7 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The purpose of this program is to give the participants an overall knowledge of technologies for industrial waste management and recycling, present trends of legislation and policies in the field of industrial waste management & recycling, skills to develop and implement recycling plans for industrial waste, and an overall information on the facilities and equipment concerned.	(1) Technical university graduates or holders of equivalent technical knowledge & professional experience (2) Technical officials in the central or local government with more than 5 years of practical experience in the field of industrial waste management and recycling (3) 30–45 years old		
CONTENTS	PROGRAM PERIOD	Jan.9.2009~Feb.18.2009	
(1) Present status of industrial waste management & recycling in Japan (2) Related legislation and strategies established in Japan (3) Implementation of countermeasures towards the creation of recycle-oriented society (standardization by ISO / green purchasing / product assessment (including LCA) / 3R-oriented design (Design for Environment)) (4) Present status of recycling by products in Japan (packagings & containers / home electrical appliances / foods / construction materials / end-of-life vehicles) (5) Development of environmental key technology (pre-treatment (collection, dismantling, crushing, sorting, dehydration & drying) / incineration, vitrification (melting) & solidification / pyrolysis / bio-treatment / energy-utilization)	IMPLEMENTING PARTNER	CLEAN JAPAN CENTER	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	1990~2008	
	REMARKS	This program is conducted biennially and planned to be held in Fiscal years 2004, 2006 and 2008.	


<b>Pollution Control for Hazardous Substances in the Environment</b> <b>環境中の有害汚染物質対策</b>		GROUP 	0880224
		Environmental Management—Other Environmental Management Issues	
		5 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This course is designed for participants to acquire the abilities to evaluate from emission sources on the environment pollution control, and formulate measures to prevent pollution due to hazardous substances through the following outputs: (1) Understand recent conditions and history of pollution caused by hazardous substances, including Minamata disease, etc. caused by metal containments (2) Understand the effects on human health resulting from metal contaminants and other hazardous substances (3) Understand local government's pollution controls for hazardous substances such as environmental assessment and systems based on laws and ordinances (4) Understand analytical techniques and methods of environmental monitoring implemented by local government so as to obtain a grasp of current status of environment (5) Understand methods of surveying to obtain a grasp of sources of environmental pollution due of metal contaminants	(1) University graduates with a chemistry background, or the equivalent aptitude and knowledge (2) Key administrative engineers (not including researcher) in the environmental field with at least 5 years of experience (3) Between 30 – 40 years of age		
CONTENTS	PROGRAM PERIOD	Jun.2.2008~Aug.9.2008	
Step1 <Know the background to hazardous pollutant countermeasures> 1-1 Overview of Pollution Due to Hazardous Substances (Lecture) 1-2 Health Impacts, etc., of Hazardous Substances (Lecture) Step2 <Acquire basic information relating to hazardous pollutant countermeasures> 2-1 Environmental Measures by Local Government (Lecture) 2-2 Environmental Monitoring (Lecture/Practice) Step3 <Learn concrete methods relating to hazardous pollutant countermeasures> 3-1 Studies Trace Pollution Sources 3-2 3R Promotion Techniques (Lecture/Observation) 3-3 Pollution Control Technologies (Facility Tour) Step4 <Acquire solutions from specialists for accomplishment of tasks in the home country> Step5 <Action Plan Presentation and Verification of Manifested Effects of Training> Follow-up by JICA-GEC Network	IMPLEMENTING PARTNER	OSAKA PREFECTURAL GOVERNMENT, DEP. OF ENVIRON.&Agri.	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Participants are required to bring some photos, slides, or data of examples of hazardous substances pollution.	


Comprehensive Waste Management Technique 廃棄物管理総合技術		GROUP	0880226
		Environmental Management—Urban Solid Wastes Environmental Management—Industrial Solid Wastes 9 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants will acquire comprehensive knowledge and skills on solid waste management to enhance their capabilities for effective and proper planning and implementation of solid waste management. (1) to clarify the issues and causes of solid waste management in their respective countries. (2) to understand the present system and the historical process of environmental policy and solid waste management in Japan. (3) to understand the techniques and measures used in each process of solid waste management (collection and transportation, intermediate treatment, final disposal) in Japan (4) to understand the importance and concrete methods of environmental education/awareness for solid waste management (5) to understand the role and concrete methods of environmental management such as EIA in solid waste management	<b>【Target Organization】</b> Departments in charge of solid waste management in national/local government or governmental organizations <b>【Target Group】</b> (1) Technical staff in charge of solid waste management at national/local government or governmental organization (2) More than three (3) years of work experience in the field of solid waste management (3) University degree or equivalent (4) Sufficient command of written and spoken English (5) Under forty (40) years of age in principle		
CONTENTS	PROGRAM PERIOD	May.13.2008~Aug.10.2008	
* This program deals with general, industrial and medical wastes. <b>(1) Issue analysis workshop:</b> Analysis of participants' countries <b>(2) Country report presentation:</b> Sharing the results <b>(3) Waste management policy:</b> Environmental policy and administrative system of waste management in Japan <b>(4) Landfill disposal technique:</b> Sanitary landfill technique "Fukuoka Method", etc. <b>(5) Collection and Transportation:</b> Time and motion, etc. <b>(6) Waste treatment technique:</b> Recycling, hazardous waste treatment, etc. <b>(7) Environmental education and awareness:</b> Role and concrete methods of environmental education taken by various actors (national/local government, schools, NGOs/citizens' groups and media) <b>(8) Environmental management:</b> Concept, methods and concrete examples of EIA, etc. <b>(9) Feedback session:</b> Review of each unit of the training <b>(10) Final report presentation:</b> Considering an action plan for improving waste management in participants' countries	IMPLEMENTING PARTNER	Environment Department, Hiroshima Prefectural Government	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Research on Environment Technology 環境調和技術		GROUP	0880729
		Environmental Management—Other Environmental Management Issues 4 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>[Objective]</b> - The objective of this program is to master appropriate technologies and skills, and to develop leading researchers in the field of environmental technology.  To reach the objective, participants are expected to achieve the following: 1) To master methods to carry out research activities by themselves 2) To deepen knowledge on environmental technology 3) To build a broad network with other researchers 4) To make a presentation at an academic conference 5) To make a final report based on results of the research activities in Japan 6) To make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the field of environmental technology in their countries.	<b>[Target Organizations]</b> Public research institutes, universities  <b>[Target Group]</b> (1) Researchers in the field of environmental technology (2) Individuals with Masters degree or equivalent (3) Individuals with at least 3 years of research experience		
CONTENTS	PROGRAM PERIOD	Jul.15.2008~Feb.28.2009	
Preparatory phase: - Participants are requested to make their own research proposals according to the topic of the research subject determined before their coming to Japan. In this process it is essential to contact the host researchers and to have consultations.  Program in Japan: - Introductory lectures in AIST (1.5 weeks) 1) Introductory lectures 2) Observation tour of the research institutes in Tsukuba Science city - Individual research (about 7 months):  Development phase: - The draft paper will be shared with the respective organizations of the participants. Six months after the end of the program in Japan, the participants will report the progress of their activities in their organizations to Japan.	IMPLEMENTING PARTNER	National Institute of Advanced Industrial Science	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
REMARKS	- The program includes intensive Japanese language lessons (25 hours). - Related website: National Institute of Advanced Industrial Science and Technology <a href="http://www.aist.go.jp/index_en.html">http://www.aist.go.jp/index_en.html</a>		


Air Quality Management Policy 大気保全政策		GROUP 	0880864
Target Countries : Asia, Central and South America, Middle East, Europe		5 participants /	English
Environmental Management—Air Pollution/Acid Rain			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of this program is to contribute to the improvement of the air pollution control policy in the participating countries from technical and socioeconomic viewpoints. It is intended to share the Japanese specific experience on air pollution control policy with the participants and enhance frank discussions among them.</p> <p>Participants are expected to achieve the following results, i.e. to be able to make an air pollution countermeasure plan by taking leadership in the relevant fields at the national or the local governments through such items as:</p> <ol style="list-style-type: none"> <li>1. To understand the whole system of air quality management,</li> <li>2. To understand the technical aspects of air pollution countermeasures (stationary and mobile source), and air quality monitoring methods,</li> <li>3. To exchange opinions of the current status of air quality and countermeasures in each country, and</li> <li>4. To make an action plan for solutions of air pollution control problems.</li> </ol>	<p>Technical officials directly responsible for air pollution control administration, especially in a position to participate in the planning and deciding at either central or local governmental organizations with more than 3 years of experience</p>		
CONTENTS	PROGRAM PERIOD	Jan.16.2009～Mar.4.2009	
<ol style="list-style-type: none"> <li>1. ① Outline of air pollution issues, ② History of Japan's countermeasures against air pollution, ③ Air pollution control administration, ④ Countermeasures against stationary sources, ⑤ Environmental quality standard and health effects, ⑥ Countermeasures against hazardous air pollutants, ⑦ Countermeasures against dioxin ⑧ VOC countermeasures ⑨ Air pollution control administration by local governments, ⑩ Offensive odor control, etc.</li> <li>2. ① Diffusion of pollutants in the atmosphere, ② Photochemical air pollution, ③ Air pollution control technology and energy issues, ④ Air pollution control technology and energy issue, ⑤ Global atmospheric environmental problem, ⑥ techniques for the measurement of air pollution and sampling, ⑦ Malodor measuring methodology, ⑧ Environmental impact assessment and information processing, ⑨ Analysis technology, present situation</li> <li>3. Country report presentation and discussion, 4. Preparation and presentation of an action plan</li> </ol>	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2004～2008	
	REMARKS		


Facility Maintenance Management for Productivity Improvement and Cleaner Production 生産性向上とクリーナープロダクションのための設備保全管理		GROUP 	0880885
Environmental Management—Cleaner Production		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The objectives of this program are (1) To train maintenance managers and engineers to maximize the capability of facilities and to eliminate facility problems (environmental pollution, wasted energy/resources, etc.) for cleaner production, and (2) To establish a framework for optimizing equipment management and maintenance, and to contribute to economic development and improvement of the global environment through achieving sustainable cleaner production (CP). To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1) To consider the roles and issues of equipment maintenance and management</li> <li>2) To learn the transition of maintenance management methods (e.g. activation method in maintenance sites)</li> <li>3) To learn improvement measures and procedures in maintenance service</li> <li>4) To learn about computer systems for maintenance management and advanced maintenance technology</li> <li>5) To improve the method and ability to respond to accidents and disasters in the maintenance site</li> </ol>	<p>[Target Organizations] Equipment management/maintenance department</p> <p>[Target Group] 1) At least 3 years of practical experience in maintenance works 2) Manager or higher in plant maintenance work 3) University graduate of engineering or equivalent</p>		
CONTENTS	PROGRAM PERIOD	Jan.7.2009～Apr.27.2009	
<p>All topics include lectures, practice, and site visits.</p> <ol style="list-style-type: none"> <li>1) Global environment issues and CP, Management method for maintenance site (e.g. PDCA cycle) and enhancing safety/disaster handling capabilities</li> <li>2) Transition and issues of equipment and maintenance management (e.g. time based management, risk based management)</li> <li>3) Equipment maintenance service (e.g. cost management, resource management) and methods for improving it, Equipment diagnosis techniques (e.g. vibration diagnosis, nondestructive inspection, insulation diagnosis)</li> <li>4) Computer system for equipment maintenance and data administration, Education and training methods for passing on basic maintenance skills, Maintenance techniques for major equipment (e.g. hydraulic power units) and repair techniques for machine products</li> <li>5) Life cycle costing and plant engineering</li> </ol>	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2004～2008	
	REMARKS	<p>This program covers not only maintenance management but also management techniques for activating the organization thorough the experience of Japanese manufacturers, one of the most competitive organizations in the world.</p>	


Computerized Machine Control for Mechanical Automation –Essentials for Cleaner Production- コンピューターによる機械制御－クリーナープロダクションのための高度設備システムの構築		GROUP 	0880886
		Environmental Management—Cleaner Production	
		6 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants will acquire the knowledge and techniques of mechanical automation, quality management, and productivity improvement in order to play an essential role in realizing successful mechanical automation and cleaner production. To reach the objective, participants are expected to achieve the following results. (1) To develop equipment management abilities (cleaner production, equipment management and maintenance) (2) To master the basics of control systems (classical control theory, feedback control, simulation) (3) To master element technologies (electric and electronic technology, microcomputer, mechanical) (4) To master operation and application technologies	(1) Individuals interested in studying computerized machine control and mechatronics and have at least 5 years of work experience in the process industry or assembly industry such as production and maintenance (2) Mechanical engineering graduates, or equivalent (engineers with Ph.D. will not be accepted) (3) Age: Preferably under 35 years old		
CONTENTS	PROGRAM PERIOD	Oct.13.2008～Mar.18.2009	
(1) Cleaner production in manufacturing (2) Theory of servo control and process control and their practices by mini plants (3) Computer simulation of control systems using MALAB/SIMULINK and Bondgraphs (4) Computerized numerical control and its application (5) Practice of variable speed electric motors (servo motor and VVVF inverter system) (6) Programming of micro-processor for controlling a mini robot assembled by each participant (7) Cases of application such as industrial robots, CNC machine tools and injection molding machines (8) Study tours visiting some leading companies in Japan - Special Activity: Joining the Technical High School Robot Contest in Miyazaki Prefecture (venue: Miyazaki Prefectural Technical High School). The JICA Participants, with the cooperation of Miyazaki Technical High School, are to join the contest as a team and exercise machine control practices.	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2004～2008	
	REMARKS	This program provides the latest theory by professors, advanced industrial technologies by active engineers, and basic knowledge by experienced engineers, to develop leading engineers with a high degree of professionalism and vision.	


Environmental Impact Assessment for ODA Project ODAにおける環境影響評価		GROUP 	0880936
		Environmental Management—Environmental Management	
		16 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><b>【Objective】</b> Participants will be able to increase their capability for providing appropriate guidance to organizations engaged in EIA (Environmental Impact Assessment) or ESC (Environmental and Social Considerations) as well as being able to make more appropriate judgment for the implementation of EIA in their countries by referring to numerous advanced cases.</p> <p><b>【Outcome】</b> Through the program, participants are expected to: (1) Be able to explain the fundamental ideas, mission and problems of ESC. (2) Learn the efforts of international aid agencies to increase the awareness of ESC and be able to describe the requirements for development projects. (3) Be able to explain the points of procedures and techniques for the implementation of EIA/ESC. (4) Gain the skills to facilitate smooth consensus-building through workshops. (5) Be able to identify issues of EIA/ESC in their counties, analyze problems and logically present their solutions.</p>	<p>1) Examining authority for EIA, 2) National or Local Government engaged in large-scale development projects requiring EIA <b>【Group】</b> (1)be technical officers in charge of planning and implementation of in ODA projects, (2)have basic knowledge and experience in EIA, (3)be able to utilize the knowledge obtained during the course to own administrative operations, (4)be under forty-five (45) years of age, (5)be university graduates or equivalents, (6)have enough English capability for discussions and presentations. (7)be in good health, both physically and mentally</p>		
CONTENTS	PROGRAM PERIOD	May.11.2008～Jun.7.2008	
<p>&lt;Preliminary phase in home country&gt; Preparations for Inception Report (organizational framework and job description, state of EIA system and Cases conducting EIA in their organizations) and its presentation.</p> <p>&lt;Core Phase in Japan&gt; A set of exercise, lectures and site visit will be covered in the main subjects follow. 1) Introduction to EIA, 2) International cooperation and EIA, 3) Procedures and methodologies of EIA, 4) Operational skills, 5) Presentation skills Through these subjects, participants formulate model plan for implementing EIA.</p> <p>&lt;Follow-up phase in home country&gt; Participants are expected to report the current situation on EIA.</p>	IMPLEMENTING PARTNER	Overseas Environmental Cooperation Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005～2009	
REMARKS	Since this program is subject to administrative officers with technical background, researchers may not be able to attain their academic objectives through this training program.		



<b>Environmental Radioactivity Analysis and Measurement Technique</b> <b>環境放射能分析・測定技術</b>		GROUP 	0880938
Environmental Management—Other Environmental Management Issues			
		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This program provides opportunity for technicians and researchers of environmental radioactivity analysis/measurement institutions in countries, that have nuclear power plants/experimental reactors or highly concentrated natural radiation sources to enable them to precisely measure radiation doses and protect people from its effects. By the end of this program, participants will be able: (1) To acquire basic knowledge necessary to carry out environmental radioactivity analysis & measurement, (2) To understand methods to collect & pretreat environmental samples, (3) To understand methods of radionuclide analysis (gamma-ray spectrometry, tritium analysis, radiostrontium analysis, uranium analysis and radon measurement), (4) To understand methods for measurement of environmental gamma ray dose rate and accumulate dose, and (5) To formulate action plan to apply acquired knowledge for future activities in their country.	[Target Organizations] Radioactivity analysis/measurement institutions.  [Target Groups] Technicians or researchers with basic knowledge on environmental radioactivity analysis/measurement.		
CONTENTS	PROGRAM PERIOD	Aug.15.2008~Sep.15.2008	
This program consists of lectures, laboratory exercises, and observation tours. The following subjects will be covered: (1) Basics of Environmental Radioactivity Analysis, (2) Collection and Pretreatment of Environmental Samples, (3) Gamma-ray Spectrometry with a Ge Semiconductor Detector, (4) Tritium Analysis, (5) Radiostrontium Analysis, (6) Uranium Analysis, (7) Radon Measurement, (8) Measurement of Environmental Gamma Ray, (9) Formulation of Action Plan	IMPLEMENTING PARTNER	Japan Chemical Analysis Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Countries, that have nuclear power plants and/or experimental reactors or highly concentrated natural radiation sources, and those making effort to monitor environmental radioactivity.	


<b>Water Environmental Monitoring</b> <b>水環境モニタリング</b>		GROUP 	0880962
Environmental Management—Water Pollution			
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objective】</b> This course aims at enhancing technical capabilities of officers and laboratory staffs in the field of water quality monitoring and helping them develop action plans for improving their operations.  <b>【Outputs】</b> Participants are expected to be able to: (1)To be able to explain the mechanism of the water pollution and its effects. (2)To deepen the knowledge on water quality management. (3)To gain the basic practical skills on water quality monitoring and data processing. (4) To analyze the challenges on water quality monitoring in relevant organization and formulate an action plan.	<Organization> (1) Central/local government and public institutions in charge of water quality monitoring. <Qualifications> (1)leading technical officers in central and local government to plan and implement comprehensive and systematic monitoring on water quality. (2) being a university graduate (science or engineering) or have the equivalent academic background, and have basic knowledge on water environment, (3)25 -35 years of age, (4)have sufficient command for discussing and making presentation in English		
CONTENTS	PROGRAM PERIOD	Sep.7.2008~Oct.25.2008	
<Preliminary Phase in home country > Making a Country Report describing job outlines, the status of water quality management, water environment. Filling up Questionnaire.  <Core Phase in Japan > The set of lectures, practice, site visits and discussion session will be conducted. The main subjects are: (1) Mechanism of water pollution and its effects on our life (2) Water pollution management system (3) Methodology of water quality monitoring	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
REMARKS	Other Implementing Partner -National Environmental Research & Training Institute, Ministry of Environment -Japan Society on Water Environment		


Seminar on Comprehensive Solid Waste Management 廃棄物総合管理セミナー		GROUP 	0880974
		Environmental Management—Urban Solid Wastes	
		10 participants /	ENGLISH
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants are expected to 1. expand the knowledge on administration system of solid waste management system. 2. enhance the outline of solid waste management technologies which include collection, transportation, intermediate treatment, final disposal, re-use and recycling. 3. expand the knowledge for improving their institution through understanding their own problems and other countries' case.	(1) Mid-career officials presently in charge of solid waste management in central or provincial governments or in local bodies, with more than 2 years of occupational experience in this field (2) Under 45 years old (3) University graduates or possess equivalent technical qualifications in this field		
CONTENTS	PROGRAM PERIOD	May.13.2008~Jul.2.2008	
The following subjects are covered at the seminar; (1) Waste management administration in Japan, Planning of waste management (2) Reduction of waste and citizen's participation (3) Solid waste collection and transportation (4) Solid waste treatment and disposal (5) Recycling and reuse technologies (6) Hazardous waste management (7) Others (country report presentation, group discussion and action plan presentation)	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This program is designed for countries whose main final disposal site is NOT in coral area. The country report is used not only for selecting applicants, but also for presentation.	

Environmental Management Technology in Chemical Industries 化学産業における環境管理技術		GROUP 	0880982
		Environmental Management—Other Environmental Management Issues	
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The participants are expected to obtain the capabilities of applying environmental management skills and methods in their respective countries, through learning of the latest information regarding those skills used in Japan. [Expected Results] 1. To broaden understanding of the legal system and management technique for chemicals through the whole life cycle from production to disposal of products as well as their environmental management 2. To acquire technical knowledge needed for the management of chemical substances such as test and assessment methods, risk assessment techniques, etc. 3. To gain a better understanding on comprehensive knowledge of the latest technology currently used in Japan for environmental management i.e. safety management and reduction of effluent discharge, detoxification of hazardous chemicals, resources recycling, energy conservation, etc. 4. To gain understanding of environmental monitoring and domestic solid waste treatment conducted by local governments	[Target Organization] National or local governments, petrochemical and other chemical industries in charge of environmental management [Target Group] (1) Governmental inspectors or planners for the industry, business executives or technical engineers with at least 5 years of practical experience in the field of environmental conservation (2) Age: Under 45 years old (3) University graduates or those with equivalent academic background and proficient command of spoken and written English		
CONTENTS	PROGRAM PERIOD	Jun.2.2008~Jul.19.2008	
1: Orientations and the Latest Technologies Implemented in Local Government (1) Introduction of the City of Yokkaichi and its Petrochemical Industrial Complex (2) Laws on Emission and Disposal of Chemicals (3) Footsteps on Improving Environment (Yokkaichi's Experience) (4) Local Government's Environment Monitoring System 2: Risk Management Technology on Chemical Substances (1) Risk Management of Chemical Substances and Latest Technology of Analysis (2) Cleaner Production (3) Air Pollution and Water Pollution Control Technology 3: Environmental Management of Chemical Industries (Factories visit) 4: The Latest Technology for Chemical Substances Management (1) Solid Waste Final Disposal Site (2) Dioxin Analysis Technology (3) Toxic Chemical Substances Control (4) Energy Saving Type Wastewater Treatment Technology 5: Summary (Evaluation Meeting and Final report & Action Plan presentation)	IMPLEMENTING PARTNER	INT'L CENTER FOR ENVIRONMENTAL TECH. TRANSFER	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	http://www.icett.or.jp/ For applicants from non-governmental organization, an official authorization is needed to show the equivalence to a governmental organization.	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed for participants to be able to identify problems related to environmental policies and/or environmental management systems in each country or area utilizing the contents of the course, and thus propose the measures to solve them. To achieve this objectives, participants are expected to;</p> <ol style="list-style-type: none"> <li>1. Consider applications to each country of Japanese experience in environment disruptions and other environmental issues, Japanese legislative efforts upon environment, and cooperative initiatives among local people, public administrations and private companies.</li> <li>2. Acquire the ability to propose the introduction of international standards on environment conservation.</li> <li>3. Consider measures necessary to initiate the environmental conservation with global view points and endurable development, and</li> <li>4. Utilize Environmental Management System (EMS) as a methodology for the endurable development, through the practices of the system.</li> </ol>	<ol style="list-style-type: none"> <li>(1) Middle-ranking officials in charge of project planning in the field of environment</li> <li>(2) Individuals with more than 10 years of experience</li> <li>(3) Between 35 and 45 years of age</li> <li>(4) University graduates</li> </ol>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Apr.29.2008~Jun.28.2008</p>
<p>In this program, the following major subjects will be covered through lectures, discussions and observation trips:</p> <ol style="list-style-type: none"> <li>(1) Countermeasure to environmental problem and its history</li> <li>(2) Environmental law system in Japan</li> <li>(3) Establishment of environmental standard and discharge standard</li> <li>(4) Monitoring of generation sources</li> <li>(5) Establishment of environmental management plan and regional pollution prevention plan</li> <li>(6) Environmental assessment</li> <li>(7) Sustainable development</li> <li>(8) Preservation of global environment</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>GLOBAL ENVIRONMENT CENTRE FOUNDATION</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	<p>Through a 6 day programme, participants will get 50% points to get the international authorized environmental audit personnel including UNEP personnel.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To transfer skills related to Japan's experiences of environmental management in enclosed coastal seas and develop the human resources who could play a major role in this field.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>(1) To clarify environmental problems or issues related to enclosed coastal seas in your country through formulating and presentation of Job Report</li> <li>(2) To improve your knowledge or skill in this field through the training</li> <li>(3) To formulate a practical action plan and finding a solution to environmental problems in your country</li> <li>(4) To share your action plan in your organization and submit a progress report after 6 months</li> </ol>	<p><b>【Target Organizations】</b> Department take in charge of environmental management of enclosed coastal seas</p> <p><b>【Target Group】</b> Officers, educators, and engineers in administrative bodies who presently need information and/or experience on the environmental management of enclosed coastal seas</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>May.19.2008~Aug.2.2008</p>
<p>Preparatory Phase: Preparation of Job Report on environmental problems of enclosed coastal seas in participant's country.</p> <p>Program in Japan:  <ol style="list-style-type: none"> <li>(1) Overview of the management of enclosed coastal seas</li> <li>(2) Mechanisms of Environmental Pollution in Enclosed Coastal Seas</li> <li>(3) Environmental Management and Policies for Sustainable Development of Enclosed Coastal Seas</li> <li>(4) Methods of monitoring Enclosed Coastal Seas</li> <li>(5) Extension Program</li> </ol> </p> <p>Post-program activities:                      Implementation of Action Plan                      Participants have to submit a progress report after 6 months</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>INTERNATIONAL EMECS CENTER</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2005~2009</p>
	<p><b>REMARKS</b></p>	

Sewage treatment technique for Central and South America 中南米地域生活排水処理		R/F 	0884018
Target Countries : Central and South America		12 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The purpose of this program is to enhance participants' capacities to improve the present situation of sewage treatment in respective countries by acquiring the fundamental knowledge and techniques for sewage treatment through learning the experiences of Japan and other countries.	<b>【Target Organizations】</b> Department in charge of planning, operation and maintenance of sewage treatment facilities in central/local government or concerned organizations <b>【Target Group】</b> Technical officials who meet the following qualifications; (1) Individuals in charge of planning, operation and maintenance of sewage treatment facilities in central/local government or concerned organizations (2) Individuals with a university degree in the field of science and basic knowledge about sewage treatment		
CONTENTS	PROGRAM PERIOD	Sep.2.2008~Nov.9.2008	
This course consists of lectures, discussions, practical exercises, and site observation.  * Water Environmental Issues and Sewage Treatment * General Theory of Sewage Treatment Technique * Current Situations and Issues of Sewage Treatment in Developing Countries * Capacity Development on Sewage Treatment * Site Observation of Sewage Treatment Facilities, etc.	IMPLEMENTING PARTNER	Higashi-hiroshima city, Hiroshima International Center	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Environmental Protection Technology and Management against Air Pollution 日韓共同 大気環境保全管理			0884138
Target Countries : Asia		15 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Government administrative officers and researchers in developing countries, who are in charge of air quality management or monitoring in national/local government become able to set basic policy strategies to address own problems.  (1)To understand basic knowledge on air pollution problem (2)To understand the policy and regulation for air quality management at central and local government in Korea and Japan. (3)To acquire the knowledge of monitoring and inspection system taken by national/local government in Korea and Japan. (4)To observe and understand monitoring methodologies for prevention of environmental pollution by private company. (5)To propose "action plan" for air quality management in own countries.	1) Individuals with more than 5 years experience of administrative or research work in the area of air quality management 2) Administrative engineers and researchers in the field of air quality management 3) Age: 30-50 years old		
CONTENTS	PROGRAM PERIOD	Oct.5.2008~Oct.18.2008	
Korea: 1) Global environmental issues 2) Indoor air pollution 3) Toxic organic and inorganic chemicals in atmosphere (POPs) 4) VOC control technology 5) Introduction of Research Institute of Public Health and Environment 6) Air quality policy in Korea Japan: 1) Observation of ambient air quality monitoring center 2) History and current state of air pollution control in Japan 3) Administrative measures for air pollution control 4) Administrative regulation of automobile exhaust gas 5) The way for promoting comprehensive air pollution control 6) Dust collection technology 7) Removal techniques of sulfur and nitrogen oxides	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD		
	REMARKS		

Target Countries : Southwest Asia

8 participants

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will acquire comprehensive knowledge and skills on pollution control measures to enhance their capabilities for effective planning and implementation of pollution control.</p> <p>To attain the objective, participants are expected to achieve the following results:</p> <p>(1) To clarify the issues and causes of pollution control in respective countries                      (2) To understand the present system and historical process of pollution control in Japan mainly focusing on the role and function of local governments                      (3) To understand the fundamental techniques for water quality preservation, air quality preservation, and solid waste management                      (4) To understand the importance and concrete methods of environmental education/awareness for pollution control                      (5) To understand the system and methodologies of EIA                      (6) To make an Action Plan to promote effective pollution control in respective countries based on the knowledge and skills acquired from the course</p>	<p><b>【Target Organizations】</b>                      Departments in charge of pollution control (legislation and enforcement of related laws, planning and implementation of anti-pollution measures, monitoring and technical support) in central/local government or concerned organizations</p> <p><b>【Target Group】</b>                      (1) Administrative officials in charge of pollution control in national/local governments (2) Over three years of work experience in the field (3) University degree or equivalent                      (4) Sufficient command of written and spoken English (5) Under 45 years of age in principle</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep.23.2008~Dec.21.2008</p>
<p>The program consists of the following units;</p> <p>(1) Issue analysis workshop: Analysis of issues and causes of pollution control in participants' countries                      (2) Country report presentation: Sharing the results from (1)                      (3) Overview: Environmental preservation administration, anti-pollution laws and environmental preservation techniques in Japan                      (4) Water quality preservation                      (5) Air quality preservation                      (6) Solid waste management                      (7) Environmental impact assessment (EIA)                      (8) Environmental education/awareness                      (9) Feedback session: Review of each unit of the training                      (10) Final report preparation and presentation: Considering an action plan for improving pollution control in participants' countries</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hiroshima Prefectural Government</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chugoku</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2006~2008</p>
	<p><b>REMARKS</b></p>	

Target Countries : Asia-Pacific region and Central and South America


9 participants


English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To foster the personnel in charge of AR-CDM, and to enhance their abilities to develop and implement measures on AR-CDM</p>	<p><b>【Target Organization】</b>                      Central administrative organizations in charge of policies regarding AR-CDM</p> <p><b>【Target Group】</b>                      Administrative officers working for AR-CDM in central administrative organizations or its related organizations, or researchers                      Participation of counterparts in projects for technical cooperation is encouraged.</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Oct.14.2008~Nov.9.2008</p>
<p>Lectures to understand the mechanism of global warming and measures for forest conservation scientifically and to understand Kyoto Protocol, rules for Kyoto mechanism, rules for AR-CDM and small scale AR-CDM                      Observations to grasp the present situations regarding forest conservation in Japan that contributes to AR-CDM                      Country report presentations and discussions to understand the roles of developing countries concerning Kyoto Protocol and forest conservation                      Practices about the carbon absorption calculation method and its actual calculation, and the processes to formulate a project plan for AR-CDM and to draw up project design drawing (PDD)                      The participants will make plans to conduct AR-CDM projects verified adaptability to their own countries.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>JICA</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	

<b>Hazardous Waste Management and Appropriate Disposal for Asia</b> <b>アジア地域有害廃棄物管理・適正処理</b>		R/F	0884209
Target Countries : Asian Countries		Environmental Management—Industrial Solid Wastes 6 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants are expected to 1. learn the experience and knowledge on hazardous waste management in Japan. 2. share their experiences on hazardous waste management in their countries. 3. formulate draft Action Plans during the course to improve their situation through understanding their own problems.  as expected after returning their countries be able to develop a hazardous waste management policy in their respective countries.	<b>【Target Organizations】</b> Organizations engaged in hazardous waste management in the central government agencies  <b>【Target Group】</b> (1) Mid-career officials presently in charge of hazardous waste management in central government agencies (2) Under 45 years old (3) University graduates or with equivalent technical qualifications in this field		
CONTENTS	PROGRAM PERIOD	Nov.18.2008～Dec.20.2008	
The following subjects are covered during the course; (1) Measures taken by central and local governments in Japan against hazardous waste including success and failure cases (2) Approach of business enterprises to specified wastes such as industrial wastes and hospital wastes generated by their activities (3) Comprehension of current treatment system and problems through observation trips to business enterprises and hospitals which generate hazardous wastes (4) Formulation of draft Action Plans through discussion, group work, knowledge and experience obtained in the course (5) Follow-up through an individual consultation, TV conference, etc., if necessary (financial support for realization of such an action plan as construction of disposal plant is not included)	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2007～2009	
	REMARKS		


<b>Solid Waste Management for Southwest Asia</b> <b>Realizing the Improvement Measures -</b> <b>南西アジア地域廃棄物管理—具体的改善策の策定に向けて—</b>		<b>- Discussion for</b>		R/F	0884224
Target Countries : Southwest Asia		Environmental Management—Urban Solid Wastes 8 participants / English			
OBJECTIVE	TARGET ORGANIZATION / GROUP				
Participants will acquire the knowledge and techniques to realize improvement measures for the solid waste management of respective countries. To reach the objectives, participants are expected to acquire the following knowledge and techniques : (1) Outline of environment / Administration / Organization / Finance and Economy / Law and legislation / Feasibility (2) Collection and conveyance (3) Treatment ("semi-aerobic" system landfilling) (4) 3R (Reduce, Reuse, Recycle), composting (5) Public awareness and participation  * This training course aims to realize the improvement measures by discussions, presentations and exchange of information or present conditions and efforts already conducted in respective countries.	<b>【Target Organization】</b> Organizations responsible for solid waste management <b>【Target Group】</b> (1) Administrator officials responsible for solid waste management (2) At least 5 years of experience in the field				
CONTENTS	PROGRAM PERIOD	Oct.29.2008～Dec.15.2008			
A. Lectures & Field Visits 1) Outline of environment / Administration / Organization / Finance and Economy / Law and legislation / Feasibility History of overcoming pollution in Kitakyushu City, international cooperation on environmental issues, waste treatment in Kitakyushu City 2) Collection and conveyance Separation, collection and transportation of waste in Kitakyushu, time and motion study for waste collection, collection and incineration of medical waste 3) "Semi-aerobic" system landfilling 4) 3R (Reduce, Reuse, Recycle), composting Reclaiming of scrap metal, compost using household garbage and dung of livestock 5) Public awareness and participation Reconversion as resources for waste, environmental education for citizens, Community activities C. Group discussion D. Action plan presentation	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)			
	JICA CENTER	JICA Kyushu			
	COOPERATION PERIOD	2007～2009			
	REMARKS	Expected number of participants per country : 2			

<b>Operation and Maintenance of Sewerage System and Waste Water Treatment Technique</b> <b>下水道維持管理システムと排水処理技術</b>		GROUP  0880103 Environmental Management—Water Pollution
		9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Based on the Action Plan proposed by respective participant, the knowledge or skills shall be shared his/her organization.</p> <p><b>【Outputs】</b>            (1) To review basic knowledge of sewerage systems and wastewater treatment            (2) To acquire knowledge necessary for planning and designing of sewerage systems (sewer network, wastewater treatment plants)            (3) To acquire knowledge necessary for maintaining sewerage systems (sewer network, wastewater treatment plants)            (4) To acquire knowledge necessary for industrial wastewater treatment and pretreatment facilities for discharge to sewerage systems            (5) To propose sewerage systems improvement plans as "Action Plans" for the participant's respective countries, with a clear understanding of relevant experiences and knowledge acquired in the course</p>	<p><b>【Target Organizations】</b> National/Local authority in charge of sewerage system operation and maintenance</p>	
CONTENTS	PROGRAM PERIOD	Jan.30.2009~Mar.30.2009
(1) - Japanese regulation and situation of sewerage system - Sewerage in Kitakyushu - Basic planning for sewerage system (2) - Sewer network planning - Construction and designing of sewage treatment facilities - Principles of biological treatments and selections of treating methods (3) - Construction of sewer network - Operation and maintenance of sewer network - Maintenance of wastewater treatment facilities - Water quality practices - Effective use of sewage sludge (4) - Water quality regulation of industrial wastewater - Water quality inspection of industrial wastewater - Wastewater treatment facilities (5) - Job report preparation (in advance), and presentation - Action plan preparation, and presentation - Report to JICA the progress of knowledge/skills sharing among the respective organization.	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008~2010
	REMARKS	

<b>Operation and Maintenance of Sewerage System and Waste Water Treatment Technique</b> <b>下水道維持管理・都市排水</b>		GROUP 	0880105
Target Countries: Bhutan, Maldives, South Africa, Tanzania, Zimbabwe, Angola, Mauritius		Environmental Management—Water Pollution	8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<b>【Objectives】</b> Based on the Action Plan proposed by respective participant, the gained knowledge or skills shall be shared in his/her organization. <b>【Outputs】</b> (1) To acquire basic knowledge of sewerage systems and wastewater treatment (2) To acquire knowledge necessary for planning and designing of sewerage systems (sewer network, wastewater treatment plants) (3) To acquire knowledge necessary for maintaining sewerage systems (sewer network, wastewater treatment plants) (4) To acquire knowledge necessary for sewerage administration and International cooperation (5) To propose sewerage systems improvement plans as "Action Plans" for the participant's respective countries, with a clear understanding of relevant experiences and knowledge acquired in the course	<b>【Target Organizations】</b> National/Local authority in charge of wastewater treatment, sewage work and stormwater drainage <b>【Target Group】</b> (1) be university graduate or those who have equivalent technical qualifications in this field, and have more than five(5) years of practical experience (2) be senior technical officers in charge of sewerage and drainage management in central /local government (3) be under 40 years of age		
CONTENTS	PROGRAM PERIOD	Sep.23.2008~Nov.22.2008	
(1) To review basic knowledge related to; - Japanese regulation and situation of sewerage system - Sewerage in Osaka  (2) Planning, designing and constructing of Sewerage facilities (Basic Plan, sewerage pipe line, pumping station, sewerage treatment facilities, sludge treatment facilities, Principles of biological treatments and selections of treating methods) (3) Maintenance of sewerage systems (Sewerage ledger, sewerage pipe line, pumping stations, sewerage treatment facilities, sludge treatment facilities, water quality regulations and industrial wastewater, water quality test) (4) Sewerage administration and international cooperation (Finance and management of sewerage works) (5) Preparation/Presentation of action plan -Country Report preparation (in advance), and presentation -Action plan preparation, and presentation - Report to JICA the progress of knowledge/skills sharing among the respective organization.	IMPLEMENTING PARTNER	Public works bureau/Osaka City,	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008~2010	
	REMARKS		




OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed to enhance the knowledge and techniques of leading technical in sewage management. Upon completion, followings outputs are expected;</p> <p>(1) To review basic knowledge of sewerage systems and wastewater treatment (2) To acquire knowledge for planning and designing of sewerage systems (sewer network, wastewater treatment plants) (3) To acquire knowledge for maintaining sewerage systems (sewer network, wastewater treatment plants) (4) To acquire knowledge for industrial wastewater treatment and pretreatment facilities for discharge to sewerage systems (5) To propose sewerage systems improvement plans as "Action Plans" for the participant's respective countries</p>	<p><b>【Target Organizations】</b> National/Local authority in charge of sewerage system operation and maintenance</p> <p><b>【Target Group】</b> (1) Senior technical officers in charge of sewerage management in central and local government (2) University graduates or equivalent qualifications in operation and maintenance of sewerage facilities (3) More than five (5) years of practical experience. (4) Proficient in spoken and written English.</p>	
CONTENTS	PROGRAM PERIOD	Sep.9.2008~Nov.8.2008
<p>&lt;Preparatory Phase&gt; Job-Report Preparation &lt;In Japan&gt; (1) Japanese regulation and situation of sewerage system (Sewerage in Sapporo, Basic planning for sewerage system) (2) Sewer network planning, Construction and designing of sewage treatment facilities, Principles of biological treatments and selections of treating methods (3) Construction of sewer network( Operation and maintenance of sewer network, Maintenance of wastewater treatment facilities, Water quality practices, Effective use of sewage sludge (4) Water quality regulation of industrial wastewater, Wastewater treatment facilities &lt;Finalization Phase&gt; -Action plan preparation, and presentation -Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	Construction Bureau, City of Sapporo
	<p><b>JICA CENTER</b></p>	JICA Sapporo
	<p><b>COOPERATION PERIOD</b></p>	2008~2010
	<p><b>REMARKS</b></p>	

Environmental Education Focused on Fresh Water Environment –For Tertiary Level		GROUP 	0880991
Teaching Staff- 水環境を主題とする環境教育		Environmental Management—Other Environmental Management Issues Nature Conservation—Other Nature Conservation Issues 6 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>〈Overall Goal〉 Activities for promoting environmental education are continuously implemented based on the Action plan approved by the participants' organization in their home countries.</p> <p>〈Program objectives (Outcome)〉 This program is designed to strengthen the participants' capacity to make action plans to solve the problems which participants' countries/ organizations are facing and to develop and spread environmental education</p> <p>〈Outputs〉 1) Understand the concept and theory of environmental education, 2) Acquire the skills to make curriculums for environmental education, and 3) Make draft action plans to solve the problems which participants' countries/ organizations are facing.</p>	<p>(1) University/College lecturers or equivalent (2) Engaged or expected to engaged in environmental education (3) Engaged in environmental education more than 3 years (4) Under 35 years of age (5) University/college graduates or equivalent</p>		
CONTENTS	PROGRAM PERIOD	Aug.18.2008～Oct.18.2008	
<p>〈Preparatory Phase in participants' home countries〉 Preparation and Submission of Country Report 〈Phase in Japan〉 Participants will learn following items through lectures, observations and practices</p> <ul style="list-style-type: none"> <li>- Basic Concepts in Environmental Issues: Country Report Presentation, EE in General, Environmental Problems, Public Sanitation in General</li> <li>- EE Principles, Activities and Materials: Principles of EE, EE Activities and Teaching Materials</li> <li>- Deployment of EE: Know-how for Worldwide Dissemination of EE</li> <li>- Networking between Citizens, Schools and Governments</li> <li>- Presentation of Training Results: Lectures by Participants to University Students, Individual Discussion on Final Report</li> </ul> <p>〈Finalization Phase in participants' home countries〉 Sharing and developing Action Plan, Submission of Final Report (including progress of the Action Plan) to JICA regional office</p>	IMPLEMENTING PARTNER	Shiga University/ International Lake Environment Committee Foundation	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005～2009	
	REMARKS		

Target Countries: Central Asia

10 participants / Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] To enhance reliance on water analysis in Central Asia, and to establish effective implementation of environmental conservation policies relevant to the current environmental situation, through lectures and practices to analysts who engaged in water analysis in those countries.</p>	<p>&lt;Organization&gt; Governmental environmental laboratory (or monitoring centers) in charge of water quality analysis</p> <p>&lt;Group&gt; Analysts and/or Officials in charge of environmental monitoring (under planning)</p>	
CONTENTS	PROGRAM PERIOD	Nov.4.2008~Dec.13.2008
<p>【Preliminary Program】 Creation of Country/ Job Report</p> <p>【Program in Japan】 1. Water quality monitoring and analyzing system in Japan 2. Laboratory 3. Field and technical criteria of water quality monitoring and analyzing 4. Laboratory 5. Adaptation to home countries</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer (ICETT)
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2004~2008
	REMARKS	

Sustainable community development by citizens' participation for West Balkan countries 西バルカン地域市民参加による持続可能な地域づくりと環境保全		R/F 	0884200
Target Countries: West Balkan countries		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Capabilities for implementing sustainable communities will be enhanced. To reach the objectives, the participants are expected:</p> <p>(1) To cultivate a practical ability to reflect knowledge in policies by understanding the Japanese framework for municipalities. (2) To obtain the know-how of sustainable community development based on collaboration between citizens and municipalities. (3) To formulate an action plan for sustainable community focused on democratic consensus-building .</p>	<p>(1)Local government officials responsible for the formulation and implementation of community-based environmental management policy. (2)At least 3 years of practical experience * Participants are expected to have strong interest in the participatory approach.</p>		
CONTENTS	PROGRAM PERIOD	Oct.27.2008～Nov.30.2008	
<p>The curriculum consists of the following three parts:</p> <p>(1) Lectures (a) Community Development in Japan (b) Environmental impact assessment (EIA) (c) Environmental education /public awareness (d) Disclosure, environmental media, etc. (2)Field visits (a) Private companies with corporate social responsibility (CSR) (b) Model environmental cities (3) Presentation and Discussions/Workshop (a) Presentation of job report (b) Group discussion and panel session (c) Presentation of action plan</p>	IMPLEMENTING PARTNER	JICA	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007～2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Proposed plan for formulation and implementation of adaptation for climate change will be considered at the respective organizations.</p> <p><b>【Outputs】</b> (1) Participants can explain the present status on adaptation for climate change in their countries. (2) Participants can formulate measures to solve the problems on adaptation for climate change in their countries. (3) Proposed plan on adaptation for climate change organized as Interim Report is discussed at the respective organizations.</p>	<p><b>【Target Organizations】</b> Administrative agency which is involved in adaptation for climate change</p> <p><b>【Target Group】</b> Administrative officials who are presently in charge of adaptation to climate change. Administrative or technical officials of the above organizations with at least 3 years of experience.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Sep. 1, 2008 ~ Oct. 1, 2008</p>
<p>Preparatory phase: Making Inception Report and presentation material which contain the present status on adaptation for climate change in their countries.</p> <p>Program in Japan: Making a presentation and discussion on Inception Report. Lectures, study trip and discussion on international framework on adaptation for climate change, impact assessment and vulnerability assessment, measures, technology and cases on adaptation for climate change in Japan. Making Interim Report which contains the measures and action plan to solve the problems on adaptation for climate change in their countries. Making a presentation and discussion on Interim Report.</p> <p>Developing Phase: Making a presentation on Interim Report at the respective organizations. Elaborating Final Report considering views of relevant parties and organizations.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>National Institute for Environmental Studies</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      The Participants will design action plans, which show solution way to the issues of solid waste management in their responsible areas/organizations.</p> <p><b>【Outputs】</b>                      (1) 1. Participants marshal their issues and get hints to address them through exchange information &amp; ideas with Japanese lecturers, other participants.                      (2) 2. The participants acquire knowledge &amp; skills of waste countermeasures through the introduction of detailed actual conditions of waste treatment in major Japanese cities, mainly focused on Hyogo Prefecture.                      (3) 3. Participants can explain the role of citizens and the importance of the collaboration between local government &amp; citizens. Participants get the ideas to apply the Japanese situation to their countries.                      (4) 4. Participants design action plans. They will explain the plans to their organizations and other related people.</p>	<p><b>【Target Organizations】</b>                      Local governments (or national governments' sections which support local governments' organizations) are in charge of urban solid management waste</p> <p><b>【Target Group】</b>                      Local government officers or public corporation officers in charge of waste disposal management (including technical officers)</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jan.12.2009~Mar.7.2009</p>
<p>(1) (Preliminary) Country Report preparation as an matrix form                      (In Japan) Getting information &amp; ideas through Country Report Presentation &amp; Discussion                      (In Japan) Getting organized knowledge of solid waste management in developing countries through lectures                      (2) (In Japan) Combination of lectures, practices and observations of Waste treatment planning, Reducing wastes, Waste collection, Intermediate treatment, Waste incineration, Final disposal, Recycling.                      (In Japan) Discussion and suggestions to apply the above mentioned items to participants' countries.                      (3) (In Japan) Lectures, observations for citizens's role and the importance of the collaboration between local government &amp; citizens in the field of solid waste management.                      (In Japan) Lectures, observations for environmental education and public awareness to reduce waste.                      (4) (In Japan) Designing action plans and its improvement through the discussion of the action plan presentation.                      (After retraining) Participants explain to their organizations.                      (After retraining) Participants report their activities on fields to the JICA contracted organization</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hyogo Prefectural Environmental Create Center Public Corporation</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will propose realistic measures against urban environmental problems in their cities.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> <li>1. To deepen understanding of methods and frameworks of urban environmental preservation for public health and safety.</li> <li>2. To analyze and understand concrete environmental policies and projects (especially, best practices and controversial practices) which have been implemented by urban municipalities.</li> <li>3. To understand methods and process to reflect monitoring results on environmental policies.</li> <li>4. To make practical action plans based on the understanding about 1.-3. above, to tackle existing urban environmental problems in respective countries.</li> </ol>	<p>[Target Organizations] Municipalities in metropolitan areas</p> <p>[Target Group] (1) Technical officers in charge of environmental administration who now hold or will potentially assume managerial posts at municipalities which face urban environmental problems. (2) Individuals with at least 3 years of practical work experience</p>	
CONTENTS	PROGRAM PERIOD	Jan.20.2009~Feb.28.2009
<p>&lt; Preparatory phase &gt; Formulation of Country Report</p> <p>&lt; Phase in Japan &gt;</p> <p>(1) Lectures: Approach to urban environmental management, Municipalities' missions and functions in urban environmental administration, Features and measures of main urban environmental problems (waste management, water pollution, disaster/energy control, etc.), Environmental education, etc.</p> <p>(2) Practice, discussion: PCM (Project Cycle Management), etc.</p> <p>(3) Observations and discussions: Case examples for urban environmental management, Case examples of environmental education</p> <p>&lt; Finalization Phase &gt;</p> <p>Action Plans will be shared and modified through discussion among persons concerned and the Final Report will be submitted to JICA within 3 months after return.</p>	<b>IMPLEMENTING PARTNER</b>	Environmental Affairs Bureau, City of Sapporo
	<b>JICA CENTER</b>	JICA Sapporo
	<b>COOPERATION PERIOD</b>	2006~2010
	<b>REMARKS</b>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] Participants will develop feasible actions to solve global warming in their country through understanding international trends of climate change.</p> <p>To reach the objective, participants are expected to achieve the following: 1) To understand the outline of mainstreaming climate change policy into sustainable development. 2) To understand the measures for developing national communications. 3) To understand the methodology of developing inventories of greenhouse gas emissions and sinks. 4) To understand measures for adaptation and mitigation against climate change. 5) To make a draft of action plans to solve problems in the field for which the participants are responsible.</p>	<p>[Target Organizations] 1) Governmental organizations in charge of climate change issues 2) Organizations designated as UNFCCC focal points</p> <p>[Target Group] - Administrative officials who are presently in charge of climate change/global warming issues</p>	
CONTENTS	PROGRAM PERIOD	Jan.8.2009～Mar.7.2009
<p><b>【Preparatory phase】</b> Participants will make a country report on the current situation of the climate change policy in their country. Participants will identify the essential problems regarding to their own job and their possible solutions.</p> <p><b>【Program in Japan】</b> Participants are expected to understand the overall view of the climate change issue in order to fulfill the responsibilities stipulated by the UNFCCC through lectures, discussions, practical exercises and site visits. 1) Outline of climate change 2) Outline of Mitigation (including CDM) and Adaptation 3) International framework for climate change issue</p> <p><b>【Development phase】</b> The draft of the action plans made in the program in Japan should be shared in the organizations of participants and should be elaborated as feasible action plans. Six months after leaving Japan, participants will report the progress of the final action plans to JICA.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>JICA CENTER</p>	<p>MINISTRY OF THE ENVIRONMENT</p> <p>JICA Tsukuba</p>
	<p><b>COOPERATION PERIOD</b></p>	2007～2009
	<p><b>REMARKS</b></p>	<p>Related website Ministry of the Environment: <a href="http://www.env.go.jp/en/">http://www.env.go.jp/en/</a></p> <p>Kyoto Mechanism Information Platform: <a href="http://www.kyomecha.org/e/index.html">http://www.kyomecha.org/e/index.html</a></p>



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objective】</b> This course aims at achieving consensus for challenges on sewage works engineering and stormwater drainage among the related persons and clarified the issues on implementing projects and business for the solution.</p> <p><b>【Outputs】</b> Through the program, participants are expected: 1. To understand the related factors and procedure/methods for the designing/implementation of water sewage engineering and storm water drainage, 2.To formulate the practical improvement plan for the sewage engineering and storm water drainage in their territory 3. To achieve consensus for challenges on f sewage engineering and storm water drainage among the related persons and clarified the issues on implementing projects and business for the solution and report the progress in six months after their return.</p>	<p><b>【Target Countries/ Organizations】</b> Central or local governments, autonomies, public wastewater utilities</p> <p><b>【Target Group】</b> Senior technical officers in charge of sewage works</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Sep.2.2008～November.29.2008</p>
<p>&lt;Preliminary Phase in home country&gt; Nominees are expected to make a Country Report, which is containing the status and issues of sewage, stormwater drainage technology, water environment, and laws in addition to present jobs activities. Besides, Case study theme specifying issues which participants work on through the program, on sewage services and water environment protection etc., are included.</p> <p>&lt;Core Phase in Japan&gt; Participants develop an Action Plan, which is described actions to solve the case study, which is set by participants by considering concrete solution based on the knowledge and information gained from the program, after they distill and reprioritize their issues by referring Japanese case on sewage works, stormwater drainage and water environment. A set of lecture, site observation and discussion will be set at the point of the main subjects as following: (1) Basic knowledge on sewage works and stormwater drainage such as long-term plan, law, finance etc. (2) Planning, Design and Maintenance of sewerage system facilities (3) Urban stormwater drainage system (4) Environmental protection measures (5) Management of sewerage services</p> <p>&lt;Follow-up phase in home country&gt; Participants are expected to show the Action Plan to their organizations and make the points clear to implement or revise the plan. And participants are expected to report on the progress.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p><b>JICA CENTER</b></p> <p><b>COOPERATION PERIOD</b></p> <p><b>REMARKS</b></p>	<p>Sewage Business Management Center</p> <p>JICA Tokyo</p> <p>2005～2009</p>


Target Countries: Countries other than countries of ANNEX I of the Kyoto Protocol

11 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Enhancement of capacity of national and local authority staffs in designing policies in relation to the implementation of Kyoto Mechanisms</p> <p><b>【Outputs】</b>                      (1) To deepen the understanding on the influence of greenhouse gas accumulation on climate change                      (2) To deepen the understanding on the Kyoto Protocol and its flexible mechanisms                      (3) To deepen the understanding on environmentally friendly technologies, including for the energy conservation and introduction of renewable energies                      (4) To deepen the understanding on roles to be played by developing countries in implementing the CDM</p>	<p><b>【Target Organizations】</b>                      Designated National Authorities (DNA) or other corresponding organizations like National Focal Points (NFP) and CDM related offices.</p> <p><b>【Target Group】</b>                      Administration officers who belong DNA or other corresponding organizations like NFP and CDM related office.</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Jun.9.2008～Jul.26.2008</p>
<p>(1) To take lectures on mechanism of climate change                      (2) • To take lectures on the overview of the UNFCCC and its Kyoto Protocol                      • To take lectures on each of the flexible mechanisms under the Protocol                      • To take lectures given by government staff of experienced host countries (such as China and India) on details of their work                      • To Take lectures regarding tools to use Kyoto Mechanisms (including feasibility studies, capacity building, technology transfer, finance and fund)                      (3) • To take lectures on efforts being made by Japanese industries and citizens to reduce consumption of energies and resources                      • To visit sites (plants, etc) where efforts for the energy/resource conservation is actually taking place                      (4) • To take lectures on the roles of developing countries in the implementation of CDM projects                      • To learn points of view of the Host Countries                      • To learn points of view of the Credit Buyer</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>International Center for Environmental Technology Transfer</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Chubu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2009</p>
	<p><b>REMARKS</b></p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> The issues of solid waste management in participants' responsible areas/organizations will be improved through using an action plan, which is designed in Japan.</p> <p><b>【Outputs】</b> 1. Participants marshal their issues and get hints to address them through exchange information &amp; ideas with Japanese lecturers, other participants. 2. The participants acquire knowledge &amp; skills of urban waste countermeasures through the introduction of detailed actual conditions of waste treatment in major Japanese cities, mainly focused on Osaka city. 3. Participants can explain the role of citizens and the importance of the collaboration between local government &amp; citizens. Participants get the ideas to apply the Japanese situation to their countries. 4. Participants design action plans. They will explain the plans to their organizations and other related people.</p>	<p><b>【Target Organizations】</b> Local governments (or national governments' sections which support local governments' organizations) are in charge of urban solid management waste</p> <p><b>【Target Group】</b> 1. Engineer or administrative officials of waste management experience or an equivalent level of knowledge 2. Experience in the relevant field: have more than 3 years' experience 3. Person will continue working in the same field after the training course</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Aug.19.2008～Oct.22.2008
<p>1. Preliminary: Country Report preparation as a matrix form, which marshal their issues and the training modules in Japan. 2. In Japan: (1) Getting information &amp; ideas through Country Report Presentation &amp; Discussion (2) Organizing knowledge of urban solid waste management in developing countries through lectures (3) Combination of lectures, practices and observations of planning, collection, intermediate treatment, incineration, final disposal, and recycling. (4) Discussion and suggestions to apply the above mentioned items to participants' countries. (5) Lectures, observations for citizens' role and the collaboration between local government &amp; citizens in the field of solid waste management/environmental education and public awareness to reduce waste. (6) Designing action plans and its improvement through presentation &amp; discussion. 3. After returning: Participants explain the action plans to their organizations. Participants report their activities on fields to JICA &amp; implementing partners.</p>	<b>IMPLEMENTING PARTNER</b>	Osaka City Environment Bureau, Global Environment Centre Foundation (GEC)
	<b>JICA CENTER</b>	JICA Osaka
	<b>COOPERATION PERIOD</b>	2008～2010
	<b>REMARKS</b>	JICA Osaka and GEC run a website, which opens texts, participants' country reports and others to related people e.g. ex-participants, Japanese instructors. The people can do self-learning, sharing various information on the website.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Administrators in charge of risk management and monitoring implementing analysts of target countries will be able to have a comprehensive understanding of the actual state of risk management of environmental chemicals.</p> <p><b>【Outputs】</b>                      (1) To learn about technology on risk assessment for environmental and industrial chemicals and their impacts on human health and ecosystems.                      (2) To learn about the theory and principle of techniques used for monitoring of environmental and industrial chemicals in environmental resources and agricultural products.                      (3) To gain analytical techniques and skills in sampling, sample preparation, pretreatment, instrument analysis, immunoassay and bioassay methods,                      (4) To complete research reports at the end of first and second half periods with given theme, and to prepare an action plan about the utilization and promotion of knowledge and techniques gained in the course</p>	<p><b>【Target Organizations】</b>                      Administrative organizations in charge of risk management and research institutes in charge of monitoring of environmental and industrial chemicals.</p> <p><b>【Target Group】</b>                      Administrator or manager in charge of risk management of chemicals, technical officers or technicians in charge of monitoring</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Feb.16.2009～Aug.22.2009</p>
<p>(1) Outline of environmental chemicals, risk evaluation, risk management and risk communication,                      Laws and regulations concerning environmental management.                      Effects on ecosystems, human health etc.                      (2) Theory and principle of chemical analysis for monitoring (soil, water, air and agricultural/livestock products).                      Theory and principle of instrumental analysis and bioassay                      (3) Practice on pesticide residue analysis remained in agricultural products                      Chemical analysis of agro products and environmental samples                      Immunoassay of POPs                      Theory and principle of various test kits                      (4) PCM Workshop for the selection of issues.                      Preparation of action plan for the presentation.                      Presentation of action plan and discussion</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>Hyogo Prefecture, Kobe Quarantine Station, Kobe University, etc.</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Hyogo</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Industrial Wastewater Treatment Technique 産業廃水処理技術		GROUP  0880815
		Environmental Management—Water Pollution
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Enhance the capability of officials and engineers in charge of industrial wastewater treatment to formulate adequate plans of industrial wastewater treatment in participant's countries.</p> <p><b>【Outputs】</b> To achieve this program objective, participants are expected to achieve the followings in Japan;            (1) To understand the importance of wastewater treatment and the water pollution related existing regulations included disposal treatment            (2) To understand the water pollution control process, and the general concept of wastewater treatment technologies            (3) To acquire the method of selecting wastewater treatment by analysis, and the basic design of wastewater treatment facilities            (4) To understand the techniques concerning the detail design and manufacturing control of the facilities for precipitation filtration, neutralization, removal of oil contents etc.            (5) To acquire the method of analyzing wastewater through practice, and to understand the methods of operation and maintenance of wastewater treatment facilities.</p>	<p><b>【Target Organizations】</b> Departments related to wastewater treatment in the central/local government or manufacturing enterprise.</p> <p><b>【Target Group】</b>            1) Current Duties: be engineers in charge of wastewater treatment in government / municipal offices or manufacturing industries            2) Experience in the relevant field: have more than more than 5 years of occupational experience in the field of wastewater treatment            3) Educational Background: be a university graduate, majoring in chemical, mechanical, electrical or civil engineering, or the equivalent.</p>	
CONTENTS	PROGRAM PERIOD	Jul.14.2008～Nov.22.2008
<p>1. Preliminary Phase in a participant's home country Applying organizations are required to submit the Job Report and the Issue Analysis Sheet together with the application form for selection in Japan.</p> <p>2.Core Phase in Japan (Lecture, practice and/or field study)            (1)Basic of Water Pollution Control            (2)Basic Theory of Wastewater Treatment            (3)Basic Plan of Wastewater Treatment            (4)Design and Construction of Wastewater Treatment Facilities            (5)Operation and Maintenance of Wastewater Treatment Facilities            (6)Formulation of Action</p> <p>3. Finalization Phase in a participant's home country Application and implementation of the action plan is discussed in the participant's organization and its result will be submitted by March, 2009 based on the follow-up questionnaire to be provided during the phase in Japan.</p>	IMPLEMENTING PARTNER	Kyushu International Techno-Cooperative Association (KITA)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008～2010
	REMARKS	

Target Countries: maritime country

10 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To enable participants to make a contribution toward improving the marine environment conservation, by enhancing the skills and knowledge.</p> <p>To attain the objective, participants are expected to achieve the following:</p> <p>(1) To understand the activities, present situation and constraints of marine environment protection in respective countries,</p> <p>(2) To understand the international framework and activities of marine environment protection in Japan,</p> <p>(3) To formulate an action plan on how to develop and promote the effective policy of marine environment protection.</p>	<p><b>【Target Organizations】</b>                      Coast guard or maritime authority obliged to marine pollution prevention work</p> <p><b>【Target Group】</b>                      (1) Individuals in a managerial position.                      (2) Individuals who have more than 5 years of occupational experience in the above field.</p>	
CONTENTS	PROGRAM PERIOD	Under planning
<p>Following subjects are provided for each output mentioned above;</p> <p>(1) International framework of marine environment conservation</p> <p>(2) Outline of Japan coast guard</p> <p>(3) Outline of laws regarding marine environment in Japan</p> <p>(4) Activity for marine environment conservation</p> <p>(5) Assessment technique for vulnerability of environment</p> <p>(6) Actual condition of marine pollution in Japan</p> <p>(7) Marine disaster prevention</p> <p>(8) Analysis method of pollutant and oil and others</p> <p>(9) Regulatory measures for law violation of marine environment laws</p> <p>(10) Pollution survey method</p>	<b>IMPLEMENTING PARTNER</b>	Japan Coast Guard Association
	<b>JICA CENTER</b>	JICA Okinawa
	<b>COOPERATION PERIOD</b>	2008～2010
	<b>REMARKS</b>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of this program is for participants of administrative engineers to implement systematic and comprehensive air pollution control measures through the following outputs;</p> <p>1. Fundamental knowledge of legislative systems and of the relation between industrial development and pollution with reference to Japanese cases, 2. Measurement techniques for gaseous substances and particle substances related to air pollution, 3. Emission source control techniques for polluting substances such as sulfur oxides, nitrogen oxides, soot and dust, 4. Application techniques for dispersion models required to prepare air pollution prevention plans, and 5. Management techniques for environmental control such as comprehensive and strategic enforcement of anti-pollution plans.</p>	<p>1) University graduates or equivalent                  2) Administrative engineers with at least 5 years experience in the field of air pollution prevention.                  3) Age: between 25-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Sep.15. 2008~Dec. 13. 2008
<p>1. Overview of Environmental Problems: Air Pollution                  2. Overview of Environmental Conservation Measures                  3. Environmental Conservation: Efforts in industry                  4. Planning of Air Pollution Control                  5. Laws and Regulations                  6. Dust: Measurement and Control                  7. Fuel and Combustion                  8. Desulfurization and Denitrification Techniques                  9. Odor Pollution Control 10. Measurement of NOx and SOx                  11. Stack Gas Diffusion 12. Atmospheric Diffusion                  13. Data Processing for Air Pollution                  14. Continuous Monitoring System                  15. Hazardous Substance                  16. Acid Rain                  17. Automobile Pollution Control                  18. Environmental Impact Assessment 19. Case Study</p>	IMPLEMENTING PARTNER	GLOBAL ENVIRONMENT CENTRE FOUNDATION
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2004~2008
	REMARKS	<p>A session is organized to discuss environmental problems caused by air pollution and countermeasures, using materials such as datas and photos which each participants will bring.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will propose plans to better reflect upon the data and information obtained by the research section for the pollution control policy and administration in their countries.                      To reach the objective, participants are expected to achieve the following:                      1) To gain practical ideas about an effective process of pollution control policy and measures (environmental policies, legal and administration systems, roles of research and administration sections and cooperation between them, the steps from surveys, and analyses to administrative measures)                      2) To gain a concrete understanding of water preservation, water pollutant sources, sewage treatment methods, and related survey and analysis techniques                      3) To gain a concrete understanding of air preservation, air pollutant sources, exhaust systems, and related survey and analysis techniques                      4) To gain a concrete understanding of waste treatment and waste recycling                      5) To make an action plan to strengthen the cooperation and interactions between research organizations, and policy and administration sections, and to better reflect upon the data and information obtained from research for the environmental policy and administration</p>	<p>(1) Technical officials and researchers responsible for pollution control at government environment research institutes, and technical officials in charge of pollution control policies and administration (NOTE: This program is NOT for officers/researchers in charge of natural conservation.)                      (2) University graduates in environmental engineering or chemistry (NOT biology)</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Sep.23.2008~Nov.15.2008</p>
<p>Preparatory Phase: Preparation of Country Report                      Phase in Japan:                      (1) Lectures:                      Environmental administration in Japan and Hokkaido, Techniques for preventing water and air pollution, Environmental Impact Assessment(EIA), Solid waste management and recycling, Environmental education                      (2) Practical exercises:                      Techniques of environmental monitoring(air &amp; water), Environmental pollution source                      (3) Observation:                      Organizations and facilities related to pollution control, Factories (possible sources of pollution)                      Finalization phase:                      Implementation of the Action Plan and report the progress.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Hokkaido Institute of Environmental Sciences</p>
	<p>JICA CENTER</p>	<p>JICA Sapporo</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	<p>This program is NOT for technical officers/researchers in charge of natural conservation(including park management, preservation of wild life and forests)</p>



OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objective&gt;                      By sharing the outputs of this training course among organizations, knowledge for making environmental protection policies will be used more widely.</p> <p>&lt;Outputs&gt;                      1) Identify environmental problems caused by automobiles in their countries through collecting their own data related to environmental issues.                      2) Acquire skills of predicting effects on introducing the regulations* and institutionalizing the countermeasures (e.g. control of exhaust gases).                      3) Grasp the current international situation in the field of automobiles, through understanding international standards related to automobiles.                      4) Understand the relationship between making regulations and developing technologies to deal with the issues.                      5) Make an action plan (proposal) to be implemented in their country after returning home.</p>	<p>[Target Organizations]                      National or local organizations in charge of environmental issues concerning automobiles</p> <p>[Target Group]                      Administrative or technical officials of the above organizations with at least 5 years of experience</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jun.19.2008～Aug.9.2008
<p>Preparatory phase:                      Making a job report describing present situation, issues, etc.</p> <p>Program in Japan:                      1. Lectures and exercise                      • Outline of the automotive industry, governmental policy                      • Environmental issues: emission, fuels, clean energy, traffic flows                      • Traffic flows, vehicle recycling technology, registration                      • Atmospheric observation system, etc.                      2. Discussion                      • Presentation of action plan and job report</p> <p>Developing Phase:                      (1) The action plan should be shared among their organization.                      (2) The results of discussions about the action plan are to be reported to JICA/JARI.</p>	<b>IMPLEMENTING PARTNER</b>	JAPAN AUTOMOBILE RESEARCH INSTITUTE (JARI)
	<b>JICA CENTER</b>	JICA Tsukuba
	<b>COOPERATION PERIOD</b>	2005～2009
	<b>REMARKS</b>	Web site: JARI <a href="http://www.jari.or.jp/en/index.html">http://www.jari.or.jp/en/index.html</a>


Seminar on Ozone Layer Protection オゾン層保護対策セミナー		GROUP  0880937
Target Countries: Countries having ratified the Montreal Protocol		Environmental Management—Ozone Layer Depletion 7 participants / ENGLISH
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>&lt;Objective&gt; Action Plan for the more efficient and effective implementation of Ozone Layer Protection and ODS Control are made by each participants, and the plan is shared among the participant's organization.</p> <p>&lt;Outputs&gt; To achieve this program objective, participants are expected to;</p> <ol style="list-style-type: none"> <li>1. be able to explain the framework and requirements of the Montreal Protocol, the necessity of a national system for protection of the ozone layer and of cooperation with stakeholders including industries,</li> <li>2. be able to explain the measures for reduction of ODS emission,</li> <li>3. be able to explain the alternative substances of ODS emission,</li> <li>4. point out the existing issues of their countries by analyzing the present situation referring to other countries' cases, and</li> <li>5. propose an Action Plan which utilizes the Reduction Methodology of ODS Emission or Introduction Methodology of alternative substances which you have acquired during the seminar in order to improve each country's activity on Ozone Layer Protection / Fluorocarbons Control.</li> </ol>	<p><b>【Target Organizations】</b> Governmental organizations that are in charge of formulating and implementing policies relating to ozone layer protection</p> <p><b>【Target Group】</b> - Senior class administrative officers within the machinery of the government who are in charge of ozone layer protection or in those of the equivalent post * Researchers are NOT the target of this seminar. * Individuals who are recommended by Ozone unit are highly preferable.</p>	
CONTENTS	PROGRAM PERIOD	Jan.25.2009~Feb.21.2009
<p>&lt;Preliminary phase&gt; 1. The participant consults with his/her supervisor about the feasibility of implementing the Action plan after returning to Japan—that is, what organizational resources (time, money, staff, space, etc.) are and are not available. 2. The participant presents Inception Report of the main issues on ozone layer protection, etc.</p> <p>&lt;Core phase in Japan&gt; The following subjects will be covered in this program in the form of lecture, discussion, presentation, and field visit.</p> <ol style="list-style-type: none"> <li>1. International approach for protection of the ozone layer, legislative and institutional arrangements in Japan, activity of Japanese industry</li> <li>2. State of development on alternative technologies to reduce the consumption of ozone layer depleting substances</li> <li>3. Overview of technologies to reduce the ozone layer depleting substances</li> <li>4. Creating Action Plan</li> </ol> <p>&lt;Post-program phase&gt; 1. Presentation to supervisor and colleagues after returning to home country and discuss the feasibility of implementing action plan. 2. Submit a follow-up questionnaire.</p>	IMPLEMENTING PARTNER	Japan Industrial Conference for ozone layer and Climate Protection(JICOP)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Through the training course, participants are expected to gain the following outputs in order to manage the lakes (natural and artificial) and their basins appropriately for sustainable use of resources.</p> <p>1. To study local, regional, national and international programs for integrated basin management for lake and reservoir environments with particular reference to development and implementation of legal, administrative and institutional policy tools.</p> <p>2. To gain experience in field study, monitoring and techniques for analyzing and assessing lake and reservoir environment management.</p> <p>3. To acquire skills for developing sound programs of lake and reservoir management by properly integrating the components of the governance framework involving institutions, policies, stakeholder participation, technological investments, information, financing and other considerations.</p>	<p>1. University graduates or equivalent.</p> <p>2. Either technical officers in charge of lake/wetland water management (including management of rivers flowing into such water bodies) who are expected to assume executive administrative posts in that field, or researchers in water quality and ecosystem management who are expected to take leading roles in guiding the lake/wetland management programmes in their country.</p> <p>3. Individuals with more than five (5) years' occupational experience in the field.</p> <p>4. Individuals of between twenty-five (25) and forty (40) years of age.</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jan.3.2009～Mar.15.2009
<p>1. Orientation Lecture and Practice</p> <p>2. Stage 1. Understanding the Resource</p> <p>Topic 1. Share Information about the State of Lakes</p> <p>Topic 2. Biophysical Characteristics</p> <p>Topic 3. Human Use of Lakes</p> <p>3. Stage 2. Meeting the Governance Challenge</p> <p>Topic 4. Institution</p> <p>Topic 5. Incentives and Regulations</p> <p>Topic 6. Involving People</p> <p>Topic 7. Technological Response</p> <p>Topic 8. Information</p> <p>Topic 9. Finance</p> <p>4. Stage 3. Synthesis (TBD)</p> <p>Topic 10. Plan to Action</p> <p>Topic 11. Towards the Future</p>	<b>IMPLEMENTING PARTNER</b>	INT'L LAKE ENVIRONMENT COMMITTEE FOUNDATION
	<b>JICA CENTER</b>	JICA Osaka
	<b>COOPERATION PERIOD</b>	2005～2009
	<b>REMARKS</b>	<p>ILEC Homepage:  <a href="http://www.ilec.or.jp/">http://www.ilec.or.jp/</a>                      Required to bring each country report contained on CD-ROM.</p>

Target Countries: Asia

9 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The purpose of the training course is to propose a policy for constructing sound material cycle society for each country through understanding the current conditions in Japan. For this purpose, we set up the following 5 objectives:</p> <p>(1) To understand the concept of 3R (Reuse, Reduce, Recycle) and sound material cycle society                      (2) To understand how to reduce garbage                      (3) To understand how to recycle and collect the materials,                      (4) To understand the roll of stakeholders (central / local governments, private sector, residents, etc.)                      (5) To understand legislative and administrative measures for constructing the sound material cycle society.</p>	<p><b>【Target Organizations】</b>                      Central/Local governments or relevant agencies engaged in 3R (Reuse, Reduce, Recycle)</p> <p><b>【Target Group】</b>                      1) Belonging to an organization specified by G.I.                      2) Willing to work for current organization in the future (at least five years)                      3) More than 3 years experience in the field of environmental management or relevant fields                      4) A section chief or equivalent positioned personnel in the organization mentioned above                      5) Aged 25 to 50 years old</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Mar.3.2009～Mar.30.2009
<p><b>【Lecture】</b>                      1) Introduction to legal system for sound material cycle                      2) Administrative framework for environmental education                      3) Introduction to administration about domestic waste                      4) Administrative framework to promote recycling industry                      5) Introduction to cleaner production                      6) National policy about sound material cycle                      7) Administrative framework for hazardous waste                      8) Current state in recycle business                      9) Data collection and analysis for material cycle flow  <b>【Field visit】</b>                      1) Separate collection in offices/houses                      2) Visit to recycle factory                      3) Environmental education in schools / local community                      4) Compost activity for cooking garbage by citizen groups                      5) Visit to landfill site</p>	<b>IMPLEMENTING PARTNER</b>	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	<b>JICA CENTER</b>	JICA Kyushu
	<b>COOPERATION PERIOD</b>	2006～2008
	<b>REMARKS</b>	Expected number of participants per country: 3

Industrial Pollution Control Management for Middle Eastern Countries 中東地域産業環境対策		R/F 	0884021
Target Countries: Middle East		Environmental Management—Other Environmental Management Issues	
		9 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Enable the participants (administrators in charge of controlling industrial environment) to formulate policies and programs for guiding industries by utilizing the analysis techniques, equipment control, and administrative measures taught in this course.</p> <p>To understand:</p> <ol style="list-style-type: none"> <li>1) air pollution control administration and pollution control technologies,</li> <li>2) water pollution control administration and pollution control technologies,</li> <li>3) waste treatment administration and effective treatment technologies,</li> <li>4) measurement of environmental pollutants and their effects upon the human body and the natural world, and</li> <li>5) environmental improvement techniques, and to design an environmental improvement activity plan to suit an issue in the participant's country.</li> </ol>	<p><b>【Target Organization】</b></p> <ul style="list-style-type: none"> <li>• Government Organization in charge of Industrial Pollution Control</li> </ul> <p><b>【Target Group】</b></p> <ul style="list-style-type: none"> <li>• Administrators with 3 or more years of work experience in industrial environmental management.</li> <li>• University degree from engineering department or comparable knowledge preferably in the fields of chemical engineering, sanitary engineering, environmental engineering, or civil engineering.</li> <li>• Under the age of 45</li> </ul>		
CONTENTS	PROGRAM PERIOD	Nov. 3,2008~Feb.27.2009	
<ol style="list-style-type: none"> <li>1. Preliminary Phase in a participant's home country Preparation of Issue Analysis Sheet</li> <li>2. Core Phase in Japan (Lecture, practice and/or field study)               <ol style="list-style-type: none"> <li>(1) Air pollution control administration and pollution control technologies,</li> <li>(2) Water pollution control administration and pollution control technologies,</li> <li>(3) Waste treatment administration and effective treatment technologies,</li> <li>(4) Measurement of environmental pollutants and their effects upon the human body and the natural world, and</li> <li>(5) Environmental improvement techniques, and design of an environmental improvement activity plan to suit an issue in the participant's home country.</li> </ol> </li> <li>3. Finalization Phase in a participant's home country Application and implementation of the action plan is discussed in the participant's organization and its result will be submitted by March, 2009 based on the follow-up questionnaire to be provided during the phase in Japan.</li> </ol>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Target Countries: Central and South America

10 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To acquire knowledge/skills of waste management(Disposal and 3R) and formulate Action Plans to improve waste management system in the participant's respective countries.</p> <p>(1)To learn waste disposal technologies and 3R policy in Japan                      (2)To learn the roles/functions among organizations/stakeholders concerned to develop sound material-cycle society                      (3)To propose feasible "Action Plan" for proper disposal of waste by making the best use of the learnt knowledge/technologies                      (4)To establish the participants' network in order to exchange relevant information/knowledge after completion of the program in Japan</p>	<p>1) Technical or administrative personnel in central or local governments in the field of waste management and the 3Rs (Reduce, Reuse and Recycle)                      2) Individuals with at least 5 years of practical work experience                      3) University graduates or equivalent in sciences</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.12.2008~Sep.27.2008</p>
<p>&lt;Preparatory Phase&gt;                      Formulation of Country Report                      &lt;Curriculum in Japan&gt;                      1) Waste management administration                      - Collection and transportation of waste on the city level                      - The 3R policy (the 3R Initiative)                      - Transition of waste management administration in Japan                      2) Waste treatment techniques                      - Industrial waste treatment techniques (intermediate, final disposal)                      - Recycling and composting techniques                      3) Public awareness                      - Environmental education                      - Discussions with citizens                      &lt;Finalization Phase&gt;                      Implementation of the Action Plan and the report of the progress.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan Environmental Sanitation Center and Environmental Affairs Bureau, City of Sapporo</p>
	<p>JICA CENTER</p>	<p>JICA Sapporo</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	

Target Countries: Southern and Eastern European Countries

9 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Participants will understand knowledge and techniques regarding cleaner production aiming to develop an action plan to promote cleaner production activities in their countries.</p> <p><b>【Outputs】</b> (1) To understand the definition, concept, necessity, role of governmental and private sector regarding cleaner production. (2) To understand the knowledge and techniques regarding technology to minimize environmental impact. (3) To understand the knowledge and techniques regarding energy conservation technology. (4) To understand the knowledge and techniques regarding resource saving technology. (5) To understand the knowledge and techniques regarding recycling technology.</p>	<p><b>【Target Organizations】</b> Enterprise including former national enterprise in energy consumption industry, governmental organization in charge of cleaner production, environment</p> <p><b>【Target Group】</b> (1) Individuals from above-mentioned organization (2) Individuals with more than 5 years occupational experience in this field</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Nov.10.2008～Dec.19.2008</p>
<p>(1) Definition, concept, necessity, role of governmental and private sector regarding cleaner production, Green productivity, Public awareness activity, Environmental law, Recycling society and global issue, Environmental administration and monitoring system, Inspection and guidance system for private sector (2) Zero emission, Wastewater treatment (Plating waste), Exhaust emission control system, Reduce of solid waste, Environment impact assesment (3) Energy conservation and global issue, Energy conservation law and its enforcement in Japan, Energy management in a plant, Case study - Energy conservation activities in a plant, Energy consevation technology on heating furnace, Machine condition diagnosis techniques (4) Production control, Program Evaluation and Review Technique (PERT), Quality Control using QC 7 tolls, Total Productive Management (TPM), Productivity and equipment maintenance, 5S activity (5) 3R(Reuse, Reduce, Recycle), Economy aspects of recycling, Support to private company for 3R, Reclaimer of scrap metal, Separation and collection of waste</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	

Target Countries: 10 countries receiving ODA out of 13 EANET member countries

3 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> To develop the ability of mid-level engineers who are involved in EANET activities in each countries, in order to improve each countries' abilities to monitor and evaluate the current situation of damage by acid deposition, reduce the pollutants caused for acid rain.</p> <p><b>【Outputs】</b> (1) To analyze damage and countermeasures of acid deposition in each countries (2) To understand Japan's history, experiences, current situation and countermeasures in this field (3) To improve the technique and accuracy of monitoring through practical trainings (4) To make action plans that answer to each countries' challenges</p>	<p><b>【Target Organizations】</b> Organizations engaging in the operation of the Acid Deposition Monitoring Network in each countries in East Asia (EANET)</p> <p><b>【Target Group】</b> &lt;Position&gt; An engineering official or researcher engaged in the issue of acid deposition or air pollution and also related to EANET activities. &lt;Experience&gt; Experience in the relevant field: have more than 3 years' experience in the field of environmental management &lt;Others&gt; Educational Background: be equal or surpassing to a graduate of university</p>	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Oct.5.2008~Dec.20.2008
<p>Output(1) To present country reports and discuss current situation and problems in each countries.</p> <p>Output(2) • To study the role of central government, local government and business enterprises and their countermeasures, development of legal systems. • To conduct field research at smoke generation facilities, smoke treatment facilities and air environment observation facilities.</p> <p>Output(3) • To learn skills of monitoring on wet and dry deposition, monitoring on soil, vegetation and inland aquatic environment, monitoring on air pollutant. • Exercise of quality management and quality control • Transportation of air pollutants and generation source inventory.</p> <p>Output(4) • To review the training • To formulate an action plan for solving problems analysed at the beginning. • To discuss for the regional cooperation in East Asia</p>	<b>IMPLEMENTING PARTNER</b>	Hyogo Environmental Advancement Association
	<b>JICA CENTER</b>	JICA Hyogo
	<b>COOPERATION PERIOD</b>	2008~2010
	<b>REMARKS</b>	The result of this training course is highly evaluated for capacity-building of participating countries at the EANET governmental conference.



Capacity Development for Adaptation to Climate Change –Climate Modeling and Analysis アジア地域 気候変動への適応にかかる能力開発 –気候変動予測解析		R/F  0884141
Target Countries : Bangladesh,Thailand,Vietnum,Indonesia,Philippines,Laos,Pakistan		Environmental Management—Global Warming
		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】</p> <ul style="list-style-type: none"> <li>•to develop a capacity for adaptation to climate change,particularly forecast and impact assessment</li> <li>•in the first two years: be focused on climate change forecast where a technique of climate modeling based on the 'Earth Simulator' and a downscaling method will be learned</li> <li>•in the last year:impact assessment by using the climate change forecast and</li> </ul>	<p>【Target Organizations】 University of Technology and Engineering ,Meteorological Inatitute</p> <p>【Target Group】 Meteorological Reseachers in charge of climate change model ilng</p>	
CONTENTS	PROGRAM PERIOD	Oct.27.2008～Nov.22.2008
<p>(1)Lectures (a)Adaptation policy in Japan (b)Basic concept of Climate Change Model (c) and other related lectures</p> <p>(2)Exercise (a)Data analysis of Climate Change Model (b)Data modeling of Climate Change (c) and other related research</p>	IMPLEMENTING PARTNER	Meteorological Research Institute
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008～2010
	REMARKS	Applicants are expected to nominate from same organization and/or person each year(3years) as far as possible

Waste Management for Promoting Recycling-oriented Societies in Central and South America 中南米地域 循環型社会形成促進のための廃棄物総合管理		0884146
Target Countries : BV, CR, DN, EL, GU, HD, MX, NC, PM, PG, PE, VE, CB		Environmental Management—Urban Solid Wastes 16 participants / Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b> Comprehensive master or related action plan on SWM will be planned then accordingly, the SWM system shall be improved. Thus, current problems/ challenges in the said field will be solved and recyclable society is further promoted in Central and South America.</p> <p><b>【Outputs】</b> 1) To understand the present system and the characteristics of SWM administration to compare with their own and to extract hints for improvement 2) To understand various techniques and measures in waste treatment and recycling 3) To learn methods of environmental awareness raising through the experience of case study in waste management 4) To make and report Action Plans for improvement of SWM system in each country/ local administration including role or responsibility of participants themselves</p>	<p><b>【Target Organizations】</b> Central and local governments who are facing the solid waste problem in Central and South America. Local government officials are rather encouraged to participate in.</p>	
CONTENTS	PROGRAM PERIOD	Jun.30.2008～Aug.8.2008
<p>(1)–Recognition of conditions and/or problems in waste generation –Laws, regulations and plans in waste management and treatment (National and/or local administrations) –The 3R Policy (The 3R initiative) in Japan –Conditions of solid waste collection and transportation –International Laws such as PRTR, etc. (2)–Waste Treatment Technologies –Site visit of Reduce, Reuse and Recycle, and recognition as “resources” –Hazardous waste treatment –The concepts of Eco-town and Recycle business (3)–Strategic approach and Tool making for public awareness raising –Public awareness raising for Environmental protection at households –Environmental education and learning at school –Voluntary environmental protection mind at enterprises –Citizen groups activities –Role of mass medias and support systems by Government, etc. (4)–Making and Presentations on Waste management Masterplans and /or Action Plans</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer (ICETT)
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008～2008
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      The participants are expected to improve/acquire the capacity to formulate and execute the policy and regulations in the field of air and water pollution control.</p> <p><b>【Outputs】</b>                      (1) to identify environmental problems of participating countries and obtain hints for the improvement of the situation                      (2) to learn from the experience of Osaka and other cities in Japan about air/water pollution and countermeasures thereof                      (3) to obtain applicable knowledge on environmental communication                      (4) to produce Action Plan while in Japan and explain it to stakeholders in respective countries after returning</p>	<p><b>【Target Organizations】</b>                      National/Local Governmental Organization engaged in Environmental Administration</p> <p><b>【Target Group】</b>                      Administrative Engineers working in National/Local Government Organizations</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan.12.2009~Mar.14.2009</p>
<p>(1) •in preparation, participants are expected to write Country Report on the present situation and problems                      •At the Presentation of Country Report, through information exchange and discussion, participants obtain hints for improvement</p> <p>(2) •through lectures, practices and observation, participants gain knowledge on environmental management systematically, from identification, analysis, planning through guidance</p> <p>(3) •participants learn various methods of communication such as information disclosure, cooperation with stake holders, environmental education etc.</p> <p>(4) •participants are to discuss countermeasures to pollution problems of each country with co-participants and Japanese lecturers and produce an Action Plan as fruits of this program,</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Global Environment Centre Foundation</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008~2010</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Target Countries: Latin American Countries

15 participants ★ /

Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      To be able to set the plan and goal in order to utilize Cleaner Production method in the production process of industrial material in order to solve the environmental problem, caused by industrialization in developing countries</p> <p><b>【Outputs】</b>                      (1) To observe the real state of Cleaner Production in Japan and to learn the method of executing Cleaner Production                      (2) To learn the basic technologies of engineering for process industries                      (3) To learn how to implement effective maintenance management and to acquire the useful technologies for it</p>	<p><b>【Target Organizations】</b>                      central or national organization of industry, public or private consultant company, research institute of related areas</p> <p><b>【Target Group】</b>                      Managers or engineers in the field of process industries such as chemical, petroleum refinery, iron and steel, food and ceramic plant</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.4.2008～May.22.2008</p>
<p>(1) Recent situation of global environment, Cleaner Production, TPM, 5S, Kaizen Activity, New QC Seven Tools, PCM, Plant Visit                      (2) Selection of Equipment, Selection of Motors, Selection of Materials, Corrosion and Protection, Sequence Control, Process Control, Plant Visit                      (3) Maintenance Management, Maintenance in Actual Plant, Visual Maintenance Management, Diagnosis Technique Plant Visit                      (4) Orientation of training course, instruction of making action plan, instruction of presentation, presentation of action plan                      (5) Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Kyushu</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2008～2010</p>
	<p><b>REMARKS</b></p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from Feb.4.2009 to May.22.2009 in the same content. (The term of this training course is not yet determined.)</p>

Target Countries: Project staff in charge of the ODA loan project

12 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><b>【Objectives】</b>                      Capacity building for making project design documents ("PDD") of ODA loan project towards implementation of the CDM.</p> <p><b>【Outputs】</b>                      (1) To deepen understandings on causes and bad effects of climate change issues and measures taken under the international society.                      (2) To deepen understandings on the framework and rules of CDM                      (3) To acquire knowledge of environmentally friendly technologies, including for the energy conservation and introduction of renewable energies                      (4) To develop understandings on roles of developing countries and enhancement of implementation capacity in the context of CDM</p>	<p><b>【Target Organizations/Target Group】</b>                      Organizations in charge of the following ODA loan projects (2 from each project);                      ○Indonesia: "Semarang Power Plant Rehabilitation and Gasification Project," "Muara Karang Gas Power Plant Project," "Asahan No.3 Hydroelectric Power Plant Construction Project," "Peusangan Hydroelectric Power Plant Construction Project"                      ○Tunisia: "Photovoltaic Rural Electrification and Water Supply Project"                      ○Kenya: Sondu-Miriu Hydropower Project Sang'oro Power Plant</p>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p style="text-align: center;"><b>PROGRAM PERIOD</b></p>	<p>Jan. 12. 2009~Jan. 31. 2009</p>
<p>〈Preparatory Phase〉                      Formulation of draft PDD.                      〈Phase in Japan〉                      1) Overview of the UNFCCC and the Kyoto Protocol, Fourth Assessment Report of the Intergovernmental Panel on Climate Change ("IPCC").                      2) Basic concepts of CDM and its work flow. Each role of stakeholders such as project participants, validators, credit buyers and sellers under CDM. Arguments relating to CDM and recent movements of CDM market activities.                      3) Efforts being made by Japanese industries and citizens to reduce consumption of energies and resources, etc. Visiting sites (plants, etc) where efforts for the energy/resource conservation is actually taking place                      4) Presentation of policies in participants' countries to tackle climate change and roles participants are playing in implementing such policies. Preparation, formulation, presentation and finalization of PDD. To review and modify PDD</p>	<p style="text-align: center;"><b>IMPLEMENTING PARTNER</b></p>	<p>·</p>
	<p style="text-align: center;"><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p style="text-align: center;"><b>COOPERATION PERIOD</b></p>	<p>2008~2008</p>
	<p style="text-align: center;"><b>REMARKS</b></p>	

Target Countries: Southeast European and CIS countries


7 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>[Objective] The objective is to enhance the capabilities for efficient formulation of CDM/JIB projects.</p> <p>To reach the objective, participants are expected to achieve the following:                      (1) To understand the overview of the UNFIT and the Kyoto Protocol, including the Kyoto Mechanisms such as CDM/JIB                      (2) To understand effective measures to promote CDM/JIB                      (3) To acquire skills to develop CDM/JIB projects                      (4) To create and strengthen a network among participating countries, as well as with major stakeholders in Japan                      (5) To elaborate a report on plan of actions that would be implemented after returning home, in view of prioritized needs of each country</p>	<p>【Target Organizations】                      1) National governmental offices in charge of CDM/JIB                      2) Relevant organizations dealing with CDM/JIB                      3) Person from DNA (Designated National Authorities) is highly desirable.</p> <p>【Target Group】                      1) Administrative officers in charge of CDM/JIB issue in national governmental offices                      2) Staff of relevant organizations supporting its national government                      3) University graduates or equivalent qualification</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug. 14, 2008 ~ Sep. 4, 2008</p>
<p>Preparatory phase: – Participants will make a report on the current situation of CDM/JIB in their country.</p> <p>Program in Japan: – The program in Japan consists of the following topics:                      1) Lecture on the transition of efforts for solving global warming issue, the role and mechanism of CDM/JIB, and the policy on CDM/JIB in Japan                      2) Lecture on the process of formulation and the way of proposition for CDM/JIB projects                      3) Exercise on drafting the projects of PD. and CDM                      4) Visiting the government-affiliated agency and the private company                      5) Considering what should be focused on in each country, throughout the discussion on draft of action plan made by participants based on the lectures and exercises</p> <p>Development phase: – The draft of the action plans made during the program in Japan should be shared in the organizations of participants and should be elaborated as feasible action plans.                      – Six months after leaving Japan, participants will report the progress of the final action plans to ICA.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Overseas Environmental Cooperation Center, Japan</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	

Waste Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America 中南米地域 鉱工業による廃水汚染対策		R/F  0884246
Target Countries: Central and South America		Environmental Management—Water Pollution 12 participants / Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed for participating countries to recognize the negative impacts of hazardous substances on environments and human bodies, and propose effective measures to reduce or prevent the environmental disruption or deterioration of environment caused by these substances. These objectives will be achieved through the following outputs;</p> <p>(1) Recognize potential or tangible deep risks to the environment, soil or lives caused by hazardous chemical substances.</p> <p>(2) Moreover, to study past experience of environmental problems caused by heavy metals such as chromium, organic mercury, and cadmium, or asbestos and dioxin as hazardous chemical substances.</p> <p>(3) Furthermore, participants shall study how to reduce hazardous substances into the environment, or learn the outline of cleaner production systems and practical techniques.</p>	<p><b>【Target Organizations】</b> Some ministries related to heavy industries, or basic industries integrated on petrochemistry, chemistry, mining, medicine, leather, metal finishing etc.....</p> <p><b>【Target Group】</b> Technologists on the administrative level • Individuals with more than 5 years vocational experiences in charge of hazardous chemical substances treatment (in enterprises, public organizations, etc.) • Individuals with official requests, majoring in chemistry, between 30 and 40 years old</p>	
CONTENTS	PROGRAM PERIOD	Under Planning
<p>〈Preparatory Phase in participants' home countries〉 Formulation of country reports by team of 3 members in each country. 〈Core phase in Japan〉 Participants will learn following items through lectures, observations and discussion</p> <p>① Generating mechanism, countermeasures and compensation issue of pollution-related diseases (based on Japanese experience)</p> <p>② Effect of hazardous substances on human body</p> <p>③ Overview of pollution due to hazardous substances</p> <p>④ Laws and regulations for environmental management</p> <p>⑤ Environmental measures by local governments</p> <p>⑥ Environmental protection measures and technologies in chemical industries</p> <p>⑦ Cleaner production technologies</p> <p>⑧ Sharing the problems, draft Action Plan presentation and discussion</p> <p>〈Finalization Phase in participants' home countries〉 Sharing and developing Action Plan, Report to JICA regional office</p>	IMPLEMENTING PARTNER	Global Environment Center Foundation
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2007~2009
	REMARKS	

# 18.Aid Approach



<b>International Development and Cooperation</b> <b>国際開発協力(長期)</b>		L/T  0881137 Aid Approach—Aid Approach 3 participants / English
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>	
<b>【Objectives】</b> To improve the ability of core governmental agencies in the field of international development and cooperation. DID is a course for a major of Economic Development, Rural Development, and Educational and Human Resources Development. DICOS is a course for a major of Law, Politics, and Social Science in Development including Peace Reconstruction, Gender and Development, and Theory of NGO. <b>【Outputs】</b> (1) To learn the theory and practice of international development. (2) To learn the theory and practice of international cooperation. (3) Overseas and domestic fieldwork (4) To write a thesis as a product of individual research on the basis of the knowledge acquired by course work	<b>【Target Organizations】</b> Senior Development Officials of Central and Local Government Agencies <b>【Target Group】</b> Current Duties: be engaging in the decision of policies and plans of development. Experience in the Relevant Field: have more than 5 years experience in this field. Others: be under 35 years of age, have official certification of English (at least TOEFL 550 in PBT / 213 in CBT / 79 in IBT, or TOEIC 730, or IELTS 6.0).	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Mar. 2009 – Mar. 2011/2012
(1) Development Economics, Development Finance, Rural Development, Endogenous Development and Capacity Building in Rural Area, Educational Development Policies, Educational Development and Cooperation. (Although the courses listed are offered by DID, students of DICOS can take some of them.)  (2) Public Policy of Developing Countries, Law and Development Studies, Peacebuilding, Human Security and Law, Development Sociology, Poverty Reduction Strategies. (Although the courses listed are offered by DICOS, students of DID can take some of them.)  (3) Overseas Fieldwork, Domestic Fieldwork  (4) Seminar	<b>IMPLEMENTING PARTNER</b>	Graduate School of International Development, Nagoya University
	<b>JICA CENTER</b>	JICA Chubu
	<b>COOPERATION PERIOD</b>	2008～2010
	<b>REMARKS</b>	3 seats each are available for both "DID" and "DICOS". Please refer to <a href="http://www.gsid.nagoya-u.ac.jp/global/index-en.html">http://www.gsid.nagoya-u.ac.jp/global/index-en.html</a> for further information.

<b>Improvement in the Capability for using Aid for Central Asia and Caucasus Region</b> <b>中央アジア・コーカサス地域 援助活用能力向上</b>		R/F  0884086 Aid Approach—Aid Effectiveness/Aid Modalities 11 participants / Russian
<b>OBJECTIVE</b>	<b>TARGET ORGANIZATION / GROUP</b>	
(Outcome) 1. To enable participants to formulate strategic national development plans based on Japanese development history, utilization and operation of Aid.  (Output) 1. Participants understand Japan's experience on economic development and utilization of aid 2. Participants analyse the challenges in utilizing and implementing aid in their country 3. Participants formulate a concrete action plan for the more efficient use of Aid.	a) Division heads or specialists in the central government in charge of formulating or coordinating national development plans (PRSP, etc). b) Individuals with 3 or more years of work experience in the above field. c) University graduates or equivalent educational qualifications. d) Aged 45 or younger.	
<b>CONTENTS</b>	<b>PROGRAM PERIOD</b>	Jan.18.2009～Feb.7.2009
<Before Coming to Japan> Making a Country Report <In Japan> 1) Experiences of Japan and other countries in implementing ODA •History and current system of Japanese ODA •Lessons learned from experiences of developing countries in utilizing aid 2) Analysis and outlining of problems in utilizing assistance •Presentation on challenges on development in Central Asian countries based on the Country Report •Analysis on the challenges by the method of Project Cycle Management 3) Formulate an action plan for the effective utilization of aid	<b>IMPLEMENTING PARTNER</b>	TAKUSHOKU University
	<b>JICA CENTER</b>	JICA Tokyo
	<b>COOPERATION PERIOD</b>	2005～2009
	<b>REMARKS</b>	

Target Countries: Countries that are eligible for Japanese ODA loans.

22 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants and participating organizations are expected to identify issues that hinder effective use of Japanese ODA loans, and propose and share the measures to improve such issues with relevant parties. To reach this goal, they will achieve the following;</p> <ol style="list-style-type: none"> <li>1. To understand Japan's development experience and the current ODA policy ,</li> <li>2. To understand the functions of the new JICA, Japan's ODA loan strategy and country specific strategy to be able to coordinate with the Japanese side efficiently,</li> <li>3. To understand the backgrounds and procedures at each step of the project cycle of Japanese ODA loan implementation, and be able to disseminate the information to those involved in the participant's country, and</li> <li>4. To analyze the issues hindering effective implementation of Japanese ODA loan projects in home country and propose the measures to improve identified issues as an action plan.</li> </ol>	<p><b>【Target Organizations】</b> Agencies closely involved with Japanese ODA loan projects, including but not limited to window agencies and implementing agencies</p> <p><b>【Target Group】</b> 1. High ranking official (Director of department or above) in the above mentioned organization. 2. Excellent command of English to be able to discuss various topics with peers, lecturers and staff of New JICA</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2009~Feb.21.2009
<p>&lt;Preliminary phase in home country&gt; The participant is required to analyze the planning and implementing process of on going or planned ODA loan projects and identify problems or issues. The results of analysis should be compiled as an inception report, whose information will serve as a basis for the draft action plan, which the participant will produce in the core phase of the program.</p> <p>&lt;Core phase in Japan&gt; 1. Japan's ODA Policy "Japan's Economic and Social Development", "Japan's ODA Policy" etc, including site visit. 2. Japan's ODA Loan Policy "Functions of the New JICA", "Japan's ODA loan strategy", "Country specific strategy" etc. 3. Implementation of Japanese ODA Loan Project "Criteria and Process of Project Appraisal", "Special Assistance Facility and Project Cycle of Japanese ODA loans", "Procurement Procedures", "Social and Environmental Considerations", "Debt Management", "Project Evaluation" etc. 4. Formulation of Draft Action Plan "Drafting and presenting the participant's plan of action towards overcoming the problems and issues in ODA loan implementation", "Individual consultations and discussions with relevant people (including fellow participants and JICA officers)"</p> <p>&lt;Final phase in home country&gt; The participant is required to share and discuss the draft action plan with officials and authorities concerned in his/her country, finalize the action plan reflecting the results of discussions and submit it to JICA.</p>	<p><b>IMPLEMENTING PARTNER</b></p>	
	<p><b>JICA CENTER</b></p>	JICA Tokyo
	<p><b>COOPERATION PERIOD</b></p>	2008~2010
	<p><b>REMARKS</b></p>	

Target Countries: Asian region

14 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Japanese leading companies and public organizations which are competitive and resilient, have built initiatives based on the concepts outlined in organizational knowledge creation theory to improve innovation and learning (knowledge-based management). In other words, they are good at sharing individual experiences and knowledge within an organization to connect them to concept development and strategies (organizational knowledge), creating new values and improving the organization continuously to survive in changing environment and to provide best services. Such process is led by "phronetic" leaders who continuously ask themselves "for what does this organization exist?"</p> <p>In this seminar, participant is required to understand what the real leadership is in order to contribute to the organization and the society, through learning the theory of knowledge-based management and various cases both in Japan and other Asian countries. Then, he/she is expected to practice continuously with commitment what he/she learned in the seminar to grow into a phronetic leader who will influence others, respective organization and the society.</p> <p>To this end, at the end of the seminar, the participant will:</p> <ol style="list-style-type: none"> <li>1. Understand the concept of knowledge-based management, knowledge creation theory and phronetic leadership,</li> <li>2. Re-articulate visions of respective organization and re-enforce commitment as a future leader of the organization based on reflection, and</li> <li>3. Set a short-term action plan.</li> </ol>	<p><b>【Target Organization】</b> Organization which has an important role to play in development of the respective society.</p> <p><b>【Target Group】</b></p> <ol style="list-style-type: none"> <li>1. Young leader who is expected be influential in the respective organization and the society (eg, young politician, young manager of an organization)</li> <li>2. Age: 35-45</li> <li>3. English proficiency to be able to engage in highly philosophical discussions</li> </ol>	
<p style="text-align: center;"><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>2008/11/21~2008/12/1</p>
<p>&lt;Preliminary phase in home country&gt; The participant is required to study a text and a DVD of case studies, to re-examin the role of the respective organization in the society and its visions and to reflect on himself/herself.</p> <p>&lt;Core phase in Japan&gt;</p> <ol style="list-style-type: none"> <li>1. Knowledge-based management -theory and practice-</li> <li>2. SECI model and concept of Ba</li> <li>3. Phronetic leadership</li> <li>4. Case studies (Site visits and discussions)</li> <li>5. Exercises (observation, conceptualization and modeling)</li> </ol> <p>&lt;Core phase in Thailand&gt;</p> <ol style="list-style-type: none"> <li>1. Site visits in Doi Tung Development Project (DTDP)</li> <li>2. Discussions and exchanges with DTDP leaders</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Hitotsubashi University Graduate School of International Corporate Strategy</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Tokyo</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007~2009</p>
	<p><b>REMARKS</b></p>	

Target Countries: Africa

9 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course aims to provide the participants with practical knowledge of Human Security. Through the course, Participants will become able to manage the concepts and put them into practice in the participants' fields where they are faced to "down side risk".Participants from the neighboring countries will also deepen mutual understanding of the way to cope with the common risks in the region.</p> <p><b>【Outputs】</b>                      Participants will:</p> <ol style="list-style-type: none"> <li>1. Gain an understanding of the concept of human security</li> <li>2. Enhance their skills in dealing with human security issues</li> <li>3. Gain insights and learn by sharing experiences with fellow participants</li> <li>4. Draft and implement action plans to strengthen the capacity of their workplaces/offices in dealing with human security issues</li> <li>5. Reflect on the implementation of their action plans, share lessons learned, and prepare strategies for the improvement of future practice</li> </ol>	<p><b>【Target Organizations】</b>                      Organizations directly engaged in capacity development in the field of development such as local governments, NGOs and educational/research institutions.</p> <p><b>【Target Group】</b>                      Current Duties: Civil servants involved in hands-on community development work (in fields such as health and education) who are able to commit to training on behalf of their office/work group. Candidates should be in a decision making position within their office/work group.                      Age: Be between the ages of twenty-five (25) and forty (40) years.</p>	
CONTENTS	PROGRAM PERIOD	Oct.6.2008～Nov.1.2008
<p>Share common understanding about "Human Security" and "Capacity Development" through the following process:</p> <ol style="list-style-type: none"> <li>(1) Lecture: Backgrounds of formulation of the concepts, "Human Security" and "Capacity Development"</li> <li>(2) Lecture: Japan's peace building activities, protection against infectious diseases, urban disaster protection</li> <li>(3) Discussion: Visualization of risks in each area that respective participant belongs to</li> <li>(4) Workshop: PLA (Participatory Learning and Action), Empowerment Evaluation, improvement of communication skills</li> <li>(5) Communication: Various grassroots activities in Japan's local governments and NGOs</li> <li>(6) Presentation: All participants are requested to present their achievement from the seminar in their own working places. Various support will be provided through cyber media.</li> </ol>	<p><b>IMPLEMENTING PARTNER</b></p>	<p>Global Collaboration Center, Osaka University</p>
	<p><b>JICA CENTER</b></p>	<p>JICA Osaka</p>
	<p><b>COOPERATION PERIOD</b></p>	<p>2007～2009</p>
	<p><b>REMARKS</b></p>	

Target Countries: Central and South American Countries

18 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>In order to share understanding on how to utilize Japan's ODA more strategically and efficiently, the participant will achieve the following;</p> <ol style="list-style-type: none"> <li>1. To understand the policy of Japan's ODA for Latin American Countries (LAC),</li> <li>2. To understand JICA and JBIC's cooperation policies for LAC,</li> <li>3. To understand the fundamental concept of Japan's ODA and discuss the key issue LAC face, and</li> <li>4. To formulate an output document of the seminar</li> </ol>	<p><b>【Target Organizations】</b>                      Organization which plays a key role in the coordination of official development assistance and development activities.  <b>【Target Group】</b>                      Director of Department or above.</p>	
CONTENTS	PROGRAM PERIOD	Jun.8.2008~Jun.21.2008
<p>&lt;Preliminary phase in home country&gt;                      The participant is required to produce a country report which analyzes current situation of his/her country regarding the discussion topic presented by JICA (small and medium size enterprises promotion in 2008) or the seminar.</p> <p>&lt;Core phase in Japan&gt;                      1. Lectures and discussions                      •Japan's Policy of economic cooperation for LAC                      •JICA's cooperation strategy for LAC                      •JBIC's cooperation strategy for LAC                      •Strategic program formation for development cooperation                      •Individual Consultation                      2. Site visit                      •SME promotion of Japan                      3. Formulation of the output document of the seminar.</p>	IMPLEMENTING PARTNER	
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	

Target Countries: Africa

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To share information and experience on Japanese government and JICA's policy and strategy toward African Development(Human Security, Harmonization, Alignment and the role of Projects and Technical Cooperation in these fields) and to establish "common vision for more effective &amp; efficient development" between African and Japanese participants.</p>	<p>Heads of Section/Department in Ministries in charge of international cooperation</p>	
CONTENTS	PROGRAM PERIOD	Feb.12.2009~Feb.20.2009
<ol style="list-style-type: none"> <li>1. To share information and experience on Japanese government and JICA's policy and strategy toward African Development, and TICAD follow(such initiatives and follow-up mechanisms)</li> <li>2. Discussion between African and Japanese participants from MOFA, JICA, private sector, civil society organizations, academic sector                          *Theme is under consideration</li> <li>3. At the end of the seminar "Consensus Document" will be drafted</li> </ol>	IMPLEMENTING PARTNER	The Ministry of Foreign Affairs, Osaka University, Kobe University
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2008
	REMARKS	*Senior Level

# 19. Evaluation

Target Countries: Countries eligible for Japan's ODA Loan

17 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This training course aims that a participant and participating organization, who implement development projects utilizing Japanese ODA loans, will promote knowledge sharing within the organization on project evaluation methods. To achieve the above outcome, the participant and participating organization are required to fulfill the following outputs;</p> <p>1. The participant acquires the knowledge on project evaluation methods, especially for development projects utilizing Japanese ODA loans,                  2. The participant completes an evaluation summary sheet for a case study of post project evaluation of Japanese ODA loan project based on the knowledge of project evaluation, and                  3. The participating organization will promote disseminating knowledge on project evaluation methods through efforts such as evaluation training, establishing evaluation guideline and so on as proposed in the action plan of the participant.</p>	<p>1) Division chief level of the government agencies, responsible for Japanese Official Development Assistance (ODA) loan projects (especially in charge of evaluation)</p> <p>2) University graduates or equivalent academic background, with excellent command of spoken and written English</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Mar.29.2009～Apr.11.2009</p>
<p>&lt;Preliminary phase&gt;                  The participant reads the textbook on project evaluation, completes and submits the exercise distributed by JICA,</p> <p>&lt;Core phase in Japan&gt;                  (1) Introduction of Evaluation Methods                  ① Project evaluation methods for Japanese ODA loan projects                  ② Project evaluation methods for technical cooperation projects                  ③ Evaluation methods of International Organizations                  ④ Japan's policy evaluation system</p> <p>(2) Workshop on Evaluation Method for Japanese ODA Loan Projects                  ① Case study on ODA loan project ex-post evaluation                  ② Introduction of joint evaluation cases of Japan Bank for International Cooperation (JBIC) and implementing agencies, and its effort for M &amp; E capacity development through the joint evaluation                  ③ Preparing an action plan to enhance evaluation capacity of the participating organization (such as holding an evaluation training or compiling an evaluation guideline), together with the consideration of its feasibility.</p> <p>&lt;Final phase&gt;                  The participant will carry out his/her action plan in his/her organization and report the results to JICA.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Japan Bank for International Cooperation (JBIC)</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2006～2010</p>
	<p>REMARKS</p>	

Target Countries: Countries which have introduced policy evaluation system in Asia

4 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This forum aims at the goal that a reform strategy to improve evaluation system to be more useful, reliable and affordable in the policy cycle is shared within an authorities concerned and discussed in participant's countries.                      To reach that point, the participating organization and participant need to achieve the followings;</p> <ol style="list-style-type: none"> <li>1. To acquire knowledge to be able to design and conduct evaluations which generate useful information to contribute to better policy formulation and implementation,</li> <li>2. To acquire knowledge to be able to design an evaluation system to produce timely and useful information for policy planning,</li> <li>3. To understand how policy evaluation is conducted in Japan and issues encountered, and examine if lessons from Japanese experiences can be applied to participants' countries, and</li> <li>4. To make a diagnosis of the present evaluation system in the organization, identify strength and weakness, and propose concrete strategy to overcome weaknesses.</li> </ol>	<p><b>【Target Organizations】</b>                      Governmental ministries or local governments who need to strengthen effective utilization of existing M&amp;E system in policy and budget decision making.  <b>【Target Group】</b>                      1. Middle executive manager class who is responsible for running evaluation system and producing quality evaluations and/or is responsible for policy planning utilizing evaluation information.                      2. Work experiences: working in the field of evaluation and/or policy planning for more than one year and expected to continue the work for coming years.                      3. 30—45 years of age</p>	
<p><b>CONTENTS</b></p>	<p><b>PROGRAM PERIOD</b></p>	<p>Feb.25.2009～Mar.12.2009</p>
<p>&lt;Preliminary phase in home country&gt;                      The participant diagnoses the present evaluation system in their organization and compile an inception report.</p> <p>&lt;Core phase in Japan&gt;                      Module 1: Concept and methods of evaluation                      1-1. Concept of evaluation and policy structure                      1-2. Methods of evaluation                      1-3. Evaluation Techniques                      Module 2: Institutionalization of evaluation                      2-1. Institutionalizing evaluation systems and role of each actor                      2-2. Utilization of evaluation results in policy cycle                      2-3. Evaluation capacity development                      Module 3: Policy evaluation in Japan and the relevance of Japanese experiences for developing countries                      3-1. Policy evaluation in Japan                      Case studies: Evaluation in the local government and the central government (including site visits)                      Module 4: Interim report writing</p> <p>&lt;Final phase in home country&gt;                      The participating organization discusses the strategy for improvement proposed in the interim report by the participant, and the participant reports the finalized strategy to JICA by sending the Final Report.</p>	<p><b>IMPLEMENTING PARTNER</b></p> <p>JICA CENTER</p> <p><b>COOPERATION PERIOD</b></p> <p><b>REMARKS</b></p>	<p>JICA Tokyo</p> <p>2008～2010</p>



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