



7. Transportation

Road Engineering and Administration 道路技術		GROUP	0980216
Target Countries: Countries with less than 50% sealed roads (national average)		7 participants	English
Transportation—National Transportation			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The capabilities for road engineering and administration will be improved through acquiring comprehensive knowledge and know-how necessary for appropriate road administration and management. To reach the objective, the following are expected: 1) To recognize the importance of the road survey and planning, and acquire the above methods, 2) To understand the procedure of road designing and construction, and acquire the key points for the field work management, 3) To understand the road maintenance, repair and management system in Sapporo city through practical exercises, and to be able to consider the applicability in the respective countries, 4) To understand the system of legislation, finance, and administration concerning roads in Japan, and to be able to consider the applicability in the respective countries, 5) To propose an action plan to solve the problems in the respective countries applying the lessons learned throughout this course.	【Target Group】 (1) Individuals nominated by each government in accordance with the proper procedures (2) University graduates or with equivalent technical qualifications in road engineering and administration, and with at least 5, preferably about 10, years of practical experience (3) senior technical officers in charge of road administration or road construction management in central or provincial government bodies (4) Individuals proficient in spoken and written English (5) Individuals over 30 and under 40 years of age (6) Individuals in good health and able to undergo the course of training		
CONTENTS	PROGRAM PERIOD	Jul.7.2009 ~ Sep.12.2009	
<Preparatory Phase> Prepare a Country Report which describes the present situation, the direction and the problems related to road engineering in respective countries. <Curriculum in Japan> Lectures: Administrative Outline, Road Sector Outline, Survey, Road Planning, Road Design, Road Construction Techniques & Management, Road Maintenance, Road Management, Construction Contracts, Rainwater Drainage, Human Resource Development Practical Exercises: Construction design, Road maintenance, Rainwater Drainage (Maintenance of the drain pipe for rainwater drainage) Site visits & observation: Major facilities in Sapporo concerning road management, Road planning and construction sites, Asphalt and concrete plants, Road maintenance, Road conditions in cities outside Sapporo Discussions: Presentation: Country Report presentation, Action Plan presentation	IMPLEMENTING PARTNER	Construction Bureau, City of Sapporo	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Seminar on Air Traffic Management 航空交通管理(ATM)コース		GROUP	0980400
Transportation—International / Inter-regional Transportation		13 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Program Objective: To provide participants with the knowledge of overall civil aviation activities in Japan, which includes current organization systems, CNS/ATM, ATC, ATS-related matters, planning/policy, etc., and lead them to the broader views for making their own future plans and administration policies in the field of air traffic management. Output: (1) To understand the administrative system of civil aviation in Japan, (2) To understand the development and present situation of Air Traffic Services in Japan, (3) To understand the development and present situation of Air Traffic Control Services in Japan, and (4) To review the problems of Air Traffic Control Services and Air Traffic Services in the countries of the participants	(1) Individuals with no less than 3 years of experience in the field of Air Traffic Management (2) Air Traffic Controller who is expected to be engaged in the management of Air Traffic Control (ATC) or Air Traffic Services (ATS) in Air Traffic Control organizations in future is preferable. (3) Age: under 40 years old		
CONTENTS	PROGRAM PERIOD	Jul.5.2009 ~ Jul.31.2009	
In this program, the following will be covered through lectures, discussions and observation trips. (1) Civil Aviation and Transportation in Japan (2) Air Traffic Services at present and in future (3) Air Traffic Management in Japan (4) Country Report Presentation (5) Observation at Airports, Area Control Centers (6) Study Report Presentation	IMPLEMENTING PARTNER	CIVIL AVIATION BUREAU, MLIT	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	1981~2009	
	REMARKS	This program is conducted biannually.	

Information Management for Maritime Activity and Disaster Prevention (Internationally Accredited Category B Course for Hydrographic Survey) 海洋利用・防災のための情報整備		GROUP  0980713
Target Countries: Maritime countries		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
To acquire International Accredited Category B for Hydrographic Survey. Through the course, participants are expected: a) to acquire knowledge and technique of hydrographic survey for preparing Nautical Charts b) to acquire the knowledge of concepts of GIS and use the hydrographic survey data for maritime activities c) to acquire the knowledge of maritime disaster prevention such as Earthquake and Tsunami Since the course is qualified for the International Accredited Category B for Hydrographic Survey, participants are given certificate of the Category B at the completion of the course.	[Target Organizations] National hydrographical offices or other relevant organizations responsible for carrying out hydrographical surveys of the sea [Target Group] Individuals with at least 2 years of occupational experience. A 2 year program of mathematics and physics, at least at technical college level, Individuals under 40 years old.	
CONTENTS	PROGRAM PERIOD	Jun.9.2009 ~ Dec.4.2009
The program will be conducted in the form of lectures, practice, field training, and study tour. Details are as follows: (1) Hydrographic Survey (INTERNATIONALLY ACCREDITED CATEGORY B) (2) Computer (Programming, Database, etc.) (3) GIS (Hazard Map against Tsunami) (4) Tsunami, Earthquake (5) Marine Environment (6) On board training	IMPLEMENTING PARTNER	Hydrographic and Oceanographic Department
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	Participants are given certificate of the Category B at the completion of the course.


Seminar on CNS(Communication,Navigation,Surveillance)Technology(No Implementation in JFY21) 航空通信・航法・監視(CNS)技術セミナー(21年度休止)		GROUP  0980744
Transportation—International / Inter-regional Transportation		0 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
【Objective】 To acquire fundamental knowledge of Future Air Navigation System. 【Output】 (1) Understand the problems of current air navigation / air traffic control system, (2) Understand fundamental knowledge on new navigation systems and transition planning toward the new system (3) Obtain techniques for the development of an original master plan for each country's new CNS (Communication, Navigation, and Surveillance) system	[Target Organizations] National Air Traffic Offices or relevant organizations responsible for carrying out air navigation or air control [Target Groups] (1) Individuals with more than 5 years' occupational experience in the field of current air navigation and air traffic control system (2) Individuals experienced in designing air navigation and air traffic control system (3) Individuals under 40 years old	
CONTENTS	PROGRAM PERIOD	Under Planning
The program will be conducted in the form of lectures, sites observation. Details are follows; (1) Problems of the current system (2) New Navigation System (New CNS System Based on FANS Concept, New Communication System, New Navigation System, New Surveillance System) (3) Implementation plan for CNS in Japan (Outline, Communication System, Navigation System, Surveillance system, Application for New System, User Facilities) (4) Facility Observation (5) Summary and Discussion	IMPLEMENTING PARTNER	Civil Aviation Bureau, MLIT
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2002~2010
	REMARKS	


Comprehensive Bridge Engineering 橋梁総合コース		GROUP	0980948
		Transportation—Other Transportation Issues Urban/Regional Development—Urban/Regional Development 14 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To provide opportunities to learn the general techniques of bridge engineering used in Japan (including the planning, design and construction of bridges) so that the participants will be able to improve bridge engineering technology and contribute to the development of their countries.</p> <p>【Output】 Participants are expected to be able to explain the points to be considered on:</p> <ol style="list-style-type: none"> 1. The design of bridges 2. The construction and construction supervision of various types of bridges (RC, PC and steel bridges) 3. The maintenance and repair of various types of bridges 	<ol style="list-style-type: none"> (1) University graduates (civil engineering) or equivalent (2) Individuals with occupational experience of more than three years (3) Individuals presently engaged in bridge construction and expected to have a leading position in bridge construction (4) Age: under 40 years old <p>The level and contents are suitable for mid-level engineering.</p>		
CONTENTS	PROGRAM PERIOD	Oct.6.2009 ~ Dec.4.2009	
<p>In this program, the following major subjects will be covered through lectures, practices, discussions and observation trips:</p> <ol style="list-style-type: none"> (1) Plan and Design of bridges (2) Construction of various kinds of bridges (3) Maintenance of various kinds of bridges (4) Formulation and Presentation of an Action Plan by the participants <p>The course topics mainly concern Steel Bridges, PC Bridges and RC Bridges, but masonry (stone) bridges are not included.</p>	IMPLEMENTING PARTNER	ROAD BUREAU, MLIT	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Since the program of bridge engineering is very comprehensive, it is suitable for engineers who are expected to learn all round bridge engineering.	

Seminar on Road Administration 道路行政セミナー		GROUP	0980949
		Transportation—Capacity Development for Transport Sector Urban/Regional Development—Urban Development 15 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To enhancing the capacity of road planning of mid-level officers who are in charge of road planning for the target organizations.</p> <p>【Output】 <ol style="list-style-type: none"> (1) To understand the process of road planning and points to consider thereof (2) To understand the effects of road development, the way to grasp them and the evaluation method of the project (3) To understand the process of road structure planning (including bridges and tunnels) and points to consider thereof (4) To understand road design standards and their applications </p>	<p>【Target Organizations】 Government or Government-related organizations responsible for the formulation of road planning</p> <p>【Target Group】 <ol style="list-style-type: none"> (1) Mid-level officers in charge of road planning and expected to be assigned to leading positions in future (2) University graduates specialized in civil engineering or equivalent (3) 35 years old or younger (desirably) </p>		
CONTENTS	PROGRAM PERIOD	Sep.29.2009 ~ Oct.30.2009	
<p><Preparatory Phase in home country> Learning "Road in Japan" through the Web site</p> <p><Program in Japan:> <ul style="list-style-type: none"> • Modules (1) Road Planning (2) Road Network Planning (3) Road Traffic Economy (4) Planning of Road Structures (bridges and tunnels) (5) Road Structure Ordinance • The program is composed of report writing/presentation, road network practice, site visits to general roads and highways, and observation of research institutions as well as lectures. • Details are subject to change. </p>	IMPLEMENTING PARTNER	ROAD BUREAU, MLIT	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	The level and contents of the program are suitable for mid-level officers.	

Railway Management 鉄道経営		GROUP	0980951
Target Countries: Countries with urban rail networks(urban railways,metro,LRT,MRT)		Transportation—Urban Transportation Urban/Regional Development—Urban Development 13 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To formulate an improvement plan for the management of urban railway companies or railway companies with urban railway lines in developing countries.</p> <p>【Output】 (1) Understand the overview of railway management (including railway-related business), (2) Understand the approach of reform and privatization of railways in Japan, and (3) Propose an improvement plan by analyzing issues of the railway country in participating countries.</p>	<p>[Target Organizations] Urban railways or Railways with urban railway lines</p> <p>[Target Groups] (1) Managers/senior officers of the planning dept. of railway companies (2) University graduates with more than 5 years experience (3) Individuals under 45 years old</p>		
CONTENTS	PROGRAM PERIOD	Jan.13.2010 ~ Feb.6.2010	
<p>The program consists of lectures, observations, discussions, and report presentation.</p> <p>(1) Overview of railway management in Japan. Characteristics of Japan's railway sector / Japan's railway administration, personnel strategy and human resources development / Multilateral business activities / Local railway management (2) The approach to the reform and privatization of railways in Japan Management after privatization/case study (3) Report presentation</p>	IMPLEMENTING PARTNER	RAILWAY BUREAU, MLIT	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	<p>This program is designed for countries which have urban railway(s) such as commuter rail, underground railway, LRT (Light Rail Transit) and MRT (Mass Rapid Transit) In 2007 the program will be focused on "Urban Railway Transportation".</p>	

Maritime Education of Advanced Information Technology (Navigation) 情報技術応用海事教育(航海)		GROUP  0980743
Target Countries: Maritime countries		Transportation—National Transportation 4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Through this training course, participants will acquire knowledge and skills in education and training for maritime affairs, maritime service control and safety systems which are obliged or recommended worldwide by international treaties for protection of the marine environment and prevention of marine accidents. And they will improve the capacity of leaders who can exercise their abilities fully to plan, implement, evaluate and improve maritime education and training in areas of maritime education, maritime administration, industries related to maritime affairs.</p> <p>【Outputs】 To achieve the above mentioned objective, participants will learn the following: (1) international background on marine transportation safety (2) role of seafarers education for marine transportation safety (3) implementation and evaluation of seafarers education and training (4) application of information technology for seafarers education (5) application of information technology for marine transportation safety</p>	<p>【Target Organizations】 Organization engaged in maritime education concerning operation control of vessels in developing countries.</p> <p>【Target Group】 (1) Current Duties: be engaged in maritime education concerning operation control of vessels in developing countries, Teaching staff of educational institution is most appropriate. (2) Experience: (a) service on the sea for one year or longer, or (b) maritime education for one year or longer, or (c) operating control of vessel for one year or longer (3) Educational background: university graduate or equivalent</p>	
CONTENTS	PROGRAM PERIOD	May.25.2009 ~ Dec.5.2009
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Job Report</p> <p>【Core Phase in Japan】 (1) International Maritime Convention and Disasters (2) Maritime Information Network, (3) Nautical Information System (4) Terrestrial and Electronic Navigation, (5) Present Education for Seafarers (6) Simulator Training, (7) Practice on Board (8) Marine Disaster Prevention Training, (9) Deck Work Management (10) Navigation Information Processing, (11) Marine Environmental Prevention (12) International Regulations and Conventions (13) The Safety Transportation of Ocean Cargo (14) ISM Code and Port State Control, (15) Marine Meteorology (16) Cross Cultural Communication, (17) SEMINAR at Laboratory</p> <p>【Finalization Phase in a participant's home country】 Application and implementatin of the action plan in the participant's country and submission of its progress report</p>	IMPLEMENTING PARTNER	Maritime Technical Education Agency, MARINE TECHNICAL COLLEGE
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2007~2009
	REMARKS	

Maritime Safety Management for Engineering Instructors 海事安全教育(機関)		GROUP 	0980809
Target Countries: maritime countries which emphasize maritime education/industry		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 This program aims to share and disseminate the skills and knowledge necessary for educators of marine engineering (including planning of education scheme etc.) in the organizations which implement the maritime education and training of marine engineering.</p> <p>【Outputs】 (1) To be able to explain about marine engine system, latest marine related machinery and equipment, international treaties related with seafarers. (2) To be able to explain about education and training method and seafarers' ability evaluation method based on knowledge of international safety management system and its operation. (3) To be able to explain about vessel management, preventive maintenance and corrective maintenance of engine and maintenance plan, and practice on engine maintenance. (4) To be able to explain about effective education and training method using simulator. (5) To understand present situation of marine transportation and to make an action plan. (6) To implement an action plan to disseminate skills and knowledge to colleagues.</p>	<p>【Target Organizations】 Educational institutes for seafarers.</p> <p>【Target Group】 (1) Current Duties: be engaged in maritime education concerning marine engineering in developing countries (2) Experience: (a) have experience of service on the sea for one (1) year or longer as a marine engineer or have equivalent knowledge and skills to (a), and (b) have experience of operation and management of vessel and maritime education for one (1) year or longer (3) Educational Background: be a graduate of university or equivalent, have knowledge and skills equivalent to those required for Japanese Second or Third Grade Maritime Officer (Engineering), based on the '95 STCW treaty. (4) Language: have a competent command of spoken and written English (This program includes active participation in discussions, action plan development, thus requires high competence of English ability.)</p>		
CONTENTS	PROGRAM PERIOD	May.25.2009 ~ Dec.5.2009	
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Job Report</p> <p>【Core Phase in Japan】 1-1) various system, latest machinery and equipment related with marine engine 1-2) lecture on international maritime treaty adopted by IMO 1-3) practice on board by training ship 1-4) Fire fighting drill against fire accidents at engine room by Maritime disaster prevention center 2-1) lecture on ISM, ISPS code, PSC, etc. 2-2) training using engine room simulator, remote operation simulator, etc. 2-3) observation of port facilities and maritime industries 3-1) lecture on vessel management 3-2) observation of maritime industries and operation facilities 3-3) practice on maintenance of marine equipments 4-1) education and training using engine room simulator and remote control simulator 4-2) lecture on maritime education method, maritime education system, etc. 5-1) formulation of action plan for dissemination of education method in participant's country (workshop for colleagues, etc), promotion of effective self-development by periodical correction 5-2) seminar (individual research) on the theme of education and training method, marine engine and system</p> <p>【Finalization Phase in a participant's home country】 Application and implementation of the action plan back in the participant's country and submission of its progress report within 3 months after core phase in Japan.</p>	IMPLEMENTING PARTNER	Maritime Technical Education Agency, Maritime Technical College	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Participants make action plan to disseminate the result of the training course in order to improve the method and contents of maritime education.	

Design and Maintenance of Mountain Road in South West Asia and Indochina Countries 南西アジア・インドシナ地域 山岳道路設計維持管理		R/F  0984149
Target Countries: South Asian and Indochina Countries		Transportation—Rural Transportation 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Skills and knowledge which is required for maintenance and improvement of mountain road will be shared among engineers in participating organizations or related organizations.</p> <p>【Outputs】 (1)Issues about planning, designing and maintenance of mountain road in participants' respective countries will be clarified (2)Participants will understand history and outline of roads in Japan. (3)Participants will be able to explain about techniques which are required for maintenance and improvement of mountain road in their countries. (4)Plan to apply and disseminate gained techniques will be formulated. (5) Activities to share skills and knowledge which is required for maintenance and improvement of mountain road will be implemented by participating organizations.</p>	<p>【Target Organizations】 Organizations in charge of maintenance of mountain road 【Target Group】 Civil Engineers who is incharge of maintenance of mountain road</p>	
CONTENTS	PROGRAM PERIOD	Oct.16.2009 ~ Dec.19.2009
<p>(1)Presentation: Job Report Discussion: Issues in participants organization Observation: Mountain road near JICA Osaka Discussion: Issue analysis (2)Lecture: Overall condition of Japan's mountain road Lecture: Japan's policy and system on road construction and maintenance Lecture: History of construction of mountain road in Japan (3)Observation/Practice: Route 309 Discussion/Lecture: Technique of maintenance of mountain road and its t Practice/Discussion: Analysis of techniques which can be applied in their organization (4)Observation/Practice: Route 168 Discussion/Lecture: Improvement technique for Route 168 Practice/Discussion: Analysis of techniques which can be applied in their organization (5)Practice: Dissemination Plan formulation Presentation: Trial Dissemination Activity</p>	IMPLEMENTING PARTNER	Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	

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


15 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Objective Proposals for improving the strategies/administrative management of urban public transport are formulated against issues/problems currently tacking in their respective organizations.</p> <p>Output To achieve the above Program Objective, expected outputs are as follows:</p> <p>Preliminary Phase 1) To identify issues/problems preliminarily in a department responsible for the urban public transport policies,</p> <p>Core Phase in Japan 2) To be able to explain the outline of urban transport policy, planning and its system, and role of related organizations in Japan, 3) To identify main issues regarding urban public transport under the current regulations/systems, and make proposals for improving the strategies/administrative management in their respective organizations, and</p> <p>Finalization Phase 4) To examine and review the proposals in their respective organizations and discuss towards the realization and implementation.</p>	<p>Eligible / Target Organization: This program designed for central/local governments in a city with a population of 500,000 or more, responsible for the formulation of urban public transport policies.</p> <p>Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must; (1) have university degree or equivalent, with more than five (5) years of professional experiences in urban transport planning and management in principle, (2) be administrative officers in charge of planning and implementing urban transport polices in a competent ministry or in a local autonomy with a population of 500,000 or more (Engineers and researchers are excluded), (3) be expected to find a position of responsibility in an above-mentioned organization after returning home and ultimately become one of the executives, who decides policy in the field of urban public transport, (4) be in principle forty (45) years of age or under,</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jan.24.2010 ~ Feb.27.2010</p>
<p>Preliminary Phase Choose the issue for which the organization to which the participant is attached has responsibility and is expected to find the solution for that problem. In addition, elaborate an Inception Report to secure the situation concerning the problems. (The organization needs to recognize the contents of the report.)</p> <p>Core Phase in Japan The program consists of lecture, site study tour and discussion. The main subject are as follows: 1) Urban transport policy, and planning 2) Traffic Demand Management 3) Social/environmental considerations 4) Various transportation systems and modes 5) Case study of urban transport and development 6) Colloquium sessions (report presentation and discussion) 7) Drawing up and Presentation of Interim Report</p> <p>Finalization Phase The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write final improvement plans in the Final Report.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p>	<p>Japan Transport Cooperation Association (JTCA)</p> <p>JICA Tokyo</p> <p>2008~2010</p> <p>REMARKS</p>

Target Countries: ASEAN member countries that faced on the sea

10 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To promote development of shipping policies in ASEAN member countries so as to contribute to the realization of sufficient development of maritime transport in the ASEAN region as well as quality enhance of the administrative capacity of ASEAN member countries through sharing and considering with the common themes as well as introducing the knowledge of International maritime affairs and Japanese experiences in administrative sector to the maritime authorities and their officials.</p>	<p><Target Organizations> Central or local government in charge of the field of Shipping administration in ASEAN member countries. <Target Group> (1)College graduates, or have the equivalent academic background (2)Currently employed in the national shipping office or other pertaining organizations which are responsible for carrying out shipping administration, with at least ten (10) years of the occupational experience, (3)Have a sufficient command of spoken and written English</p>	
CONTENTS	PROGRAM PERIOD	Feb.1.2010 ~ Feb.28.2010
<p>The following subjects will be covered in this program through lectures, observations and discussions</p> <p>(1)Domestic passenger shipping (Policy, Legal scheme, typical points) (2)Domestic cargo shipping (Policy, Legal scheme, typical points) (3)Navigational safety (Policy, Legal scheme, Vessel Traffic Service, Aids to Navigation) (4)Seafarers (Policy, Legal scheme, typical points)</p>	<p>IMPLEMENTING PARTNER Japan Transport Cooperation Association</p> <p>JICA CENTER JICA Yokohama</p>	<p>COOPERATION PERIOD 2008~2010</p>
	<p>REMARKS</p>	

Marine Search and Rescue and Disaster Prevention Course for Policy Planners 海難救助・海上防災		GROUP  0980807
Target Countries : maritime country		Transportation—Other Transportation Issues 13 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Based on the action plan prepared by participants, the fundamental direction for improvement and/ or solution of issues and problems about maritime search and rescue and disaster prevention is identified in the organizations which have a duty of Maritime SAR (search and rescue) and disaster prevention.</p> <p>【Outputs】 (1) To be able to clarify and understand the present situation, issues and problems of SAR and maritime disaster prevention of participants' countries. (2) To be able to clarify and understand international framework, knowledge and skills on maritime SAR. (3) To be able to clarify and understand issues on international framework, knowledge and skills regarding disaster prevention and method of combating oil, harmful and hazardous substances. (4) To be able to clarify and understand issues on services and system of Coast Guard. (5) To be able to formulate the action plan for solution of issues and problems on SAR and disaster prevention system in participants' countries. (6) To implement the action plan.</p>	<p>【Target Organizations】 Organizations which have a duty of SAR and maritime disaster prevention</p> <p>【Target Group】 (1) Current Duties: be administrative officials presently engaged in the field of maritime search and rescue and/or maritime disaster prevention. (2) Experience in the relevant field: have more than five (5) years' experience in the field of maritime search and rescue and/or maritime disaster prevention. (3) Educational Background: be a graduate of university or equivalent (4) Health: must be in good health, both physically and mentally, to participate in the Program in Japan (5) Must not be serving any form of military service.</p>	
CONTENTS	PROGRAM PERIOD	Aug.17.2009 ~ Nov.14.2009
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Country Report</p> <p>【Core Phase in Japan】 (1) Present situations of SAR and disaster prevention system of home country 1) To understand and analyze the present situations of SAR and disaster prevention system of home country and identify its issues and problems. 2) To make and present a country report on the above mentioned topics. (2) SAR 1) Lecture on knowledge about maritime SAR 2) Lecture, exercise and observation of related facilities on actual SAR methods 3) SAR Table-Top Drill (3) Disaster prevention 1) Lecture on basic knowledge about disaster prevention. 2) Lecture, exercise and observation of related facilities on properties of oil, harmful and hazardous substances, combating method, etc.. 3) Observation of disaster prevention drill by local government, etc. (4) Services and system of JCG (Japan Coast Guard) 1) Lecture on maritime transportation safety countermeasures, international cooperation and education system of JCG. (5) Action plan 1) Lecture and exercise on formulation of action plan for solution of issues and problems on SAR and disaster prevention system. 2) Formulation and presentation of action plan for solution of issues and problems identified by each participant.</p> <p>【Finalization Phase in a participant's home country】 Implementation of the activity based on the action plan made by a participant in the participant's country and submission of its final report regarding achievement and situation of above activity within 3 months after core phase in Japan.</p>	IMPLEMENTING PARTNER	Japan Coast Guard Association
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2008~2010
	REMARKS	Japan Coast Guard and The 5th Regional Coast Guard Headquarters mainly arrange and implement this course.

Environmentally Sustainable Transportation (EST) 環境的に持続可能な交通		GROUP  0980844
Target Countries: Countries operating large scale urban public Mass Transit System		Transportation—Urban Transportation 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【OBJECTIVE】 Approaches and directions to promote Environmentally Sustainable Transportation system will be shared among planning officers in the participants organizations.</p> <p>【OUTPUTS】 (1) To identify and explain urban environmental problems and issues relating transportation in own country. (2) Observe actual approaches from central and local government, private company, community and understand their measures/methods. (3) Set the direction of policies, programs, projects for EST promotion and their knowledge disseminating methods. (4) Develop action plan to promote EST in respective countries (5) EST shall be examined and dissemination shall be implemented at participant's organization to introduce leaning points from the training program in Japan.</p>	<p>【TARGET ORGANIZATIONS/GROUP】 •Department of Public Transportation (Division of Environment) and Department of Environment (Division of Transportation) or other related agencies. •Have over 3 to 5 years of experience in relevant area. •Have a sufficient command of speaking and writing English in order to undertake the course as a lot of time is allocated for discussion;</p>	
CONTENTS	PROGRAM PERIOD	Sep.28.2009 ~ Nov.7.2009
<p>This program is designed for transport/environ. govt. officers to bring awareness and encourage introducing Environmentally Sustainable Transportation system.</p> <p><1st Year> •Compile and organize own country issues though discussion. •Policies to introduce the EST to own country in the context to its conditions by deepening understandings comprehensive concepts of the EST. •Drafting an action plan and sharing with her/his organizations.</p> <p><2nd Year> •Review current situation and issues. •Important items and their issues, strategies, its promotion policies, successful cases, and respective means •Policies for promoting EST •Review and revise the previous draft action plan. Sharing the revised action plan with her/his organizations and approved by the organization(s).</p> <p><3rd Year> •Strategic planning for action plan. •Drafting a detail plan for introducing EST system and a proposal strategic plan.</p>	IMPLEMENTING PARTNER	United Nations Centre for Regional Development (UNCRD)
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2009~2011
	REMARKS	This program is designed for the Department of Transport and the Department of Environment of central and local government, or the relevant organizations with jurisdiction over the urban transport or urban environment, with a particular concern about the promotion of environment and people-friendly transport system. We positively accept nominees come with combination of two participants, one each from Environment and Transportation divisions.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Need of eco-friendly airport measure is agreed among the related parties at main airports. As well as, the action plan for making airport environmental plan based on the draft plans which are proposed by the seminar participant shall be submitted to JICA.</p> <p><Outputs></p> <p>(1)Based on the present condition of the environment at the airport of participants' home country, the meaning and the need to introduce a Eco-airport (EA) measure can be explained.</p> <p>(2)Setting environmental targets based on the particular needs and the characteristics in participants' home country, and Draft airport environmental plan including action plan to achieve the targets can be made.</p> <p>(3)Getting agreement among related parties, Being able to set up a council to promote Eco-airport measures.</p> <p>(4)Draft plans (airport environmental plan, council organization, program promotion plan) which were made by the seminar participants are deliberated among related parties, then feasibility action plan is agreed after reconsideration.</p>	<p>(1)Officers in charge of airport development plan or airport administration in central or local government or airport authority</p> <p>(2)Be in the position which can facilitate and perform planning Eco-airport measures in the organization (director or deputy director of a division or equality post is eligible),</p> <p>(3)Have a good command of speaking and writing English,</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Oct.18.2009 ~ Nov.7.2009</p>
<p>(1)(Before - seminar) making a present environmental condition report of participants' home country airports (On the seminar) Lecture about Eco-airport implementation along the ASEAN-Japan Eco-airport guideline (On the seminar) presentation of the report ,and discussion about the meaning and the issues based on the present environmental condition of participant's home country airports. Share the information about the effort of an improving environmental condition among different achievement countries.</p> <p>(2)(On the seminar) Lecture about making airport environmental plan based on the feasibility for short-term and long-term, and study tour to see advanced eco-friendly cases. (On the seminar) making a draft airport environmental plan of participants' home country airports, and discussion with the related Japanese expert. Learn to make a more feasible target and a plan through review of the draft plan etc.</p> <p>(3)(On the seminar) Lecture about Japanese examples which are necessity of eco-airport promotion of a council organization and understanding how to manage it. (On the seminar) making a draft council organization based on the organization control etc. of the participants' home country and discussion about the promotion policy such as a device for obtaining an understanding of the related parties about promotion of eco-airport measures.</p> <p>(4)(On the seminar) making draft action plans of participants and their related parties, and discussion about them. (After- seminar) Within three months: A progress report of the draft plans consideration and participant achievement shall be submitted to JICA and instruct to participants as needed. Within six months: report of result of the draft plan study and action plan for making airport environmental plan shall be submitted to JICA from environmental policy promotion section</p>	<p>IMPLEMENTING PARTNER</p>	<p>The Overseas Coastal Area Development Institute of Japan</p>
	<p>JICA CENTER</p>	<p>JICA Yokohama</p>
	<p>COOPERATION PERIOD</p>	<p>2009~2011</p>
	<p>REMARKS</p>	<p>Participants shall have opportunities to acquire practical knowledge of airport development(and/or improvement) plan for considering environment based on the ASEAN-Japan Eco-airport guideline and see innovated environmental measures at airports and private company in Japan.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Measures to improve cargo transport systems will be developed and implemented in the organization in charge of managing the infrastructure facilities of the system in respective countries.</p> <p>【Expected Results】 (1)Solution development teams are formulated in the organization of each countries. (2)To be able to explain policy making and solution finding approach and to develop facilitation skills and to write a feasible action plan (3)To understand the outline of Japanese society, business management and the cargo transport system (land, air, water, IT) in Japan and to be able to come up with a adaptation plan adaptable for home countries (4)To raise awareness about the Integration of Cargo Transport in Asia (5)Improvement of Action Plan and necessary arrangement of next year program are identified.</p>	Governmental Organizations that handles cargo transport (incl. land, water, air, IT)	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	May.11.2009 ~ Jun.27.2009
<p>To solve the problems in cargo transport system by comparing the case of Japan and to find a solution by the Creative Solution Finding Approach</p> <p>(1)Japanese administration, cargo transport, physical distribution in Chubu district (2)Planning, establishment and efficiency in cargo transport system (3)Lectures and site visits on air cargo, port system, train cargo, logistics environment, door to door transport, IT systems (4)Theory of integration (lecture), discussion on raising awareness for integration by participants (5)Lectures and discussions for making proposal and action plan, especially by break-through thinking.</p>	<p>IMPLEMENTING PARTNER</p>	Aichi Industrial Research Association
	<p>JICA CENTER</p>	JICA Chubu
	<p>COOPERATION PERIOD</p>	2009~2011
	<p style="text-align: center;">REMARKS</p>	After participants returns to their country, their action plan developed in Japan should be shered within their organization and improvement proposals in the plan. And implementation of the plan will be monotored by TV conference and progress report.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Action Plans for effective road management with budgetary constraints shall be proposed by each participant based on analysing problems/issues related to the condition of respective countries, and further the concrete solutions shall be discussed among the respective organizations after completion of the training in Japan.</p> <p>【Outputs】 (1) To understand present situation and administrative structure for the road management and maintenance in Japan (2) To understand road management and maintenance for reduction of the total cost (life cycle cost) from construction phase to maintenance and destruction, and management method of appropriate repair etc. (3) To understand road management and maintenance and disaster prevention activities in a time of disaster such as avalanche and collapse (4) To understand road design for the specific issues and the reduction of life cycle cost related to road management and maintenance in the cold region (5) To propose Action Plans based on understand of the issues on road management and maintenance in respective countries</p>	<p>【Target Organizations】 Central or Regional Governmental organization or public cooperation responsible for road management, operation, and maintenance</p> <p>【Target Group】 - Graduate of University or equivalent in the field of civil engineering or equivalent - Technical officer in charge of road planing and maintenance - More than five (5) years experience in this field - Ideally the age between 30 and 55</p>	
CONTENTS	PROGRAM PERIOD	May.20.2009 ~ Jun.30.2009
<p><Preliminary Phase> (1) Preparation of Inception Report <Phase in Japan> (1) •Present status of road, bridge, and tunnel, etc. in Japan •Administrative mechanism, laws, measures and budget allocation regarding road management and maintenance •Know-how of repair/reconstruction plan and coordination method •Subcontracting and project coordination regarding road management and maintenance •Training method for road management engineer (2) •Construction and quality management of road for long operating life (including site visit) •Daily check and maintenance of road, bridge, tunnel, etc. (include site visit) •Road management method with the concept of life cycle cost and asset management (optimally-positioned O&M, including site visit) (3) •Observation of disaster occurred in Hokkaido and the repairment (tunnel collapse and landslide) •Traffic control and information transmission in time of disaster •Forecast of disaster hazard areas (make the hazard map) (4) •Activity for snow removal, snow melting, and snow protection etc. road management and maintenance in cold region •Impact on road management and maintenance (in the cold region) by underground infrastructure such as water pipe and sewerage etc. and solution skills to deal with the problems •Road design and construction technologies against the cold climate (5) •Clarify country situation and road situation in respective countries •Clarify issues regarding road management and maintenance in respective countries •Propose Action Plan to solve the issues in respective countries <Finalization Phase> (1) Report the progress of implementing Action Plan as Final Report within three(3) months after completion of phase in Japan</p>	IMPLEMENTING PARTNER	Hokkaido Intellect Tank
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008~2010
	REMARKS	This program is implemented twice in FY2009 as follows ; (A) May.20~Jun.30 12 participants (B) Nov.11~Dec.19 5 participants


Target Countries: Countries with most of main highways paved


15 participants ★ /


English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 This course aims for participatory countries and organizations to be proposed by participants the proper strategies for the road management and maintenance, based on the comprehension of problems in each country.</p> <p>【Outputs】 I. To achieve this program objective, participants are expected; (1) To understand effectiveness and benefits of preventative maintenance (2) To acquire proper inspection measures and be able to arrange obtained information (3) To understand pavement repairing measures and point out the proper measures in accordance with analysis of acquired information (4) To be able to develop the proper measures of repairing methods and its costs, and propose plans for road management, through the analysis of inspection</p>	<p>【Target Organizations】 Ministry of Public Works, Ministry of Transportations, Local Government</p> <p>【Target Group】</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Jul.5.2009 ~ Aug.8.2009</p>
<p>(1)*Necessities of preventative maintenance *Sight Visits (Case study of deterioration of roads, case study of reformation of existing facilities, and so on) (2)*Basic theories on inspection measures *Road inspection techniques (including information analysis) (3)*Measures to analyse of acquired information *Various ways for repairing roads (4)*Road transportation policies of Osaka Prefecture and the process for it *Notion of "Lifecycle Cost" *Project evaluation system *Collaboration with local people and private sectors</p>	<p>IMPLEMENTING PARTNER</p>	<p>Construction Services in Kinki Region</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	<p>This seminar will be implemented twice for JFY 2009. The second one is scheduled from Aug.19.2009 to Sep.19.2009 in the same content, but will be conducted in French for French speaking countries.</p>


Public Participation, Consensus Building and Resettlement in Public Works Projects for Asian Countries アジア地域 公共事業における市民参加、合意形成および住民移転		R/F 	0984134
Target Countries: Asia		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 To formulate the guideline on promote citizen participation, resettlement and land appropriation caused by public works including road construction in a planning stage, through environmental and social considerations.</p> <p>【Outputs】 To attain the objective, participants are expected to achieve the followings: (1) To be able to understand and execute Public Involvement (PI) methods for the planning phases of public works projects, centering on the road sector, (2) To be able to understand appropriate ways to conduct involuntary resident relocation and loss compensation based on environmental and social considerations; analyzing problems with systems in the target country, (3) To be able to make a proposal on systems or a guideline/regulation based on the processes of citizen participation/public involvement in the planning phase as well as environmental and social considerations regarding the relocation of residents and land expropriation.</p>	<p>【Target Organizations】 National, regional organizations which relate to city planning or traffic and transportation</p> <p>【Target Group】 1) Administrative officers engaged in execution of road construction and other public works projects 2) Have more than five years of experience</p>		
CONTENTS	PROGRAM PERIOD	Jul.29.2009 ~ Aug.29.2009	
<p>【Preparatory phase】 Submit the Inception Report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems).</p> <p>【Program in Japan】 This program consists of lectures, practical excises, observations, and discussions on the following topics: (1)•Background of public involvement methods •Practical public involvement methods •Examples of public involvement in public works projects (2)•Basic policy: 1)Resident relocation policy public compensation system in Japan 2)Responses to involuntary resident relocation caused by public works projects Realities of involuntary resident relocation based on environmental and social considerations: 1)Responses in environmental and social considerations 2)Projects execution method (using Cambodian or Napalese examples and understanding problems and challenges facing each aspect of execution as well as how to cope with them) (3)•Discussion on the state of progress and challenges in developing systems in the target countries •Model study •Role playing for resident discussions (4) Formulation of the Interim Report on solution creation</p> <p>【Program in home country】 Submit the Final Report after returning home country.</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau, Hokkaido University	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Participants should be nominated in the same organization during 3 years since the program is Solution Creation type and aims to achieve the objective through 3 years.	


Seminar on Aviation Security 航空保安セミナー		GROUP 	0980318
Transportation—International / Inter-regional Transportation		11 participants	English
Target Countries: Countries with airports			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of this seminar is to provide alternative methods to improve aviation security by providing fundamental knowledge of aviation security practiced in Japan. Participants are expected to identify aviation security problems, and seek effective measures for respective countries by:</p> <p>(1) Understanding the importance of aviation security through the Japanese system and experiences, (2) Acquiring basic knowledge of practices on aviation security and security control systems as well as the equipment used in Japan</p>	<p><Target Organizations> Central or local government in charge of the aviation security and management of airport</p> <p><Target Group> (1) University graduates or with equivalent academic backgrounds (2) Currently responsible for aviation security with more than five years of occupational experience (3) Have a sufficient command of spoken and written English,</p>		
CONTENTS	PROGRAM PERIOD	Jan.12.2010 ~ Feb.13.2010	
<p>The following subjects will be covered in this program through lectures, observations and discussions;</p> <p>(1) Civil Aviation in Japan (2) Airport Management System (3) Preventive Measures for Acts of Unlawful Interference Against Airplanes (4) Concrete Preventive Measures for Acts of Unlawful Interference Against Airplanes in Japan (5) Countermeasures for Hijacking</p>	IMPLEMENTING PARTNER	CIVIL AVIATION BUREAU, MLIT	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

International Maritime Conventions and Ship Safety Inspection 海事国際条約及び船舶安全検査		GROUP 	0980977
Transportation—International / Inter-regional Transportation		7 participants	English
Target Countries: IMO member countries having international ports			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The purpose of the program is to provide fundamental and practical knowledge of international maritime conventions and applicable technology and procedures of ship inspection in accordance with the requirements of international standards. Through the program, participants are expected to:</p> <p>(1) Have appropriate technical knowledge and understand the related requirements of IMO conventions to promote ship safety inspection (2) Understand the Japanese ship safety inspection system</p>	<p><Target Organizations> Central or local government in charge of the field of ship safety (ship inspectors, PSC officers etc.)</p> <p><Target Group> (1) Administrative officials in the field of ship safety (ship inspectors, PSC officers etc.) (2) Individuals with graduate degree in engineering or equivalent and with at least one year of experience (3) Have a sufficient command of speaking and writing English</p>		
CONTENTS	PROGRAM PERIOD	Aug.11.2009 ~ Nov.20.2009	
<p>This program consists of:</p> <p>(1) Japanese language lesson (2) Presentation of a Country Report and Action Plan (3) Technical lectures SOLAS I, II, III, IV, V, VI, VII, IX, XI, XII; MARPOL I, II, III, IV, V, VI; ILLC; Tonnage; COLREG; Ship Survey; PSC (4) Practice Training The practice training will be implemented on the ship inspection for coastal service ships and also on port State control at the local administration offices. (5) Observation and Study trip</p>	IMPLEMENTING PARTNER	Shipbuilding Research Centre of Japan	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS	A compulsory intensive Japanese language program will be conducted prior to the technical training.	

Sustainable Port Development and Planning 港湾開発・計画		GROUP 	0980978
Target Countries: Maritime countries		Transportation—International / Inter-regional Transportation	
		16 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
The program is designed to nurture qualified port and harbor related engineers who will contribute to the country's economic development through port development by controlling the effect, cost and environmental impact in port development and planning.	<Target Organizations> Port and harbor related organizations <Target Group> (1) University graduates or individuals with an equivalent academic background (2) Individuals presently engaged in port and harbour-related civil engineering with more than 3 years of occupational experience (3) Have a sufficient command of spoken and written English		
CONTENTS	PROGRAM PERIOD	Jun.7.2009 ~ Aug.8.2009	
This program consists of lectures, exercises, observations, intensive field study at the Onahama Port and discussions. It covers: (1) Basic Technology (Coastal engineering and marine hydraulics, geotechnical and structural mechanics, construction and control system) (2) Development, Strategy, Planning (Port and harbor policy, port and harbor planning, designing, and standards, information technology, disaster management) (3) Maintenance and Environment (Good maintenance and effective use of existing port facilities, protection and assessment of environment, knowledge of coastal environment) (4) Global Trend on Ports and Harbours (Management and Operations)	IMPLEMENTING PARTNER	PORTS & HARBOURS BUREAU, MLIT	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Seminar on Strategic Port Management 港湾戦略運営セミナー		GROUP 	0980981
Target Countries: Maritime countries		Transportation—National Transportation	
		11 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
(1) To enhance long-term policy-making capacity through the acquisition of knowledge on port development strategy (2) To attain applicable knowledge on strategic operation on ports and harbours to modernize port management (3) To acquire knowledge on strategic operation on ports and harbours to modernize port management (4) To understand current issues and trends concerning world ports and harbours	<Target Organizations> The organization in charge of the field of Port operation strategy, administration and management. <Target Group> (1) University graduates or equivalent (2) Individuals currently engaged in port technical administration and/or management works with more than 8 years of occupational experience in the field of ports and harbours (3) Have a good command of spoken and written English		
CONTENTS	PROGRAM PERIOD	Oct.18.2009 ~ Nov.21.2009	
This program consists of lectures, discussions, exercises, observations, etc. It covers: (1) Port Development, Strategy, Planning Grand Design, Long-Term Development Strategy, Industry and Regional Development (2) Port Administration and Management Administration and Management System, Equipment Management (3) Port Operation Port Operation Strategy, Modernization of Port Operations (4) Global Situation and Trends on Ports and Harbours Globalization, International Conventions	IMPLEMENTING PARTNER	PORTS & HARBOURS BUREAU, MLIT	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Seminar on Port Facility Security for ASEAN countries アセアン地域港湾保安セミナー		R/F 	0984123
Target Countries: ASEAN countries		Transportation—International / Inter-regional Transportation	
		13 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
To facilitate strong port facility security measures in ASEAN countries and to learn standard and globalized security measures in order to organize an international maritime transport network for crossing the borders of other countries that have rules and conventions, such as SOLAS etc.	<Target Organizations> National government organizations and port management authorities in charge of port security policy <Target Group> Officers in charge of port security policy in national government organization and port management authority		
CONTENTS	PROGRAM PERIOD	Nov.29.2009 ~ Dec.19.2009	
This program consists of lectures, discussions, exercises, observations, etc. • PDCA cycle workshop (port security upgrading cycle) • International conventions and initiatives on port security by IMOetc.	IMPLEMENTING PARTNER	Ports & Harbours Bureau, MLIT	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

SEMINAR ON PORT CARGO TRANSPORT & PORT ENVIRONMENT CONSERVATION FOR AFRICAN COUNTRIES (B) 港湾物流・港湾環境保全セミナー(アフリカ圏)B		R/F 	0984144
Target Countries: Countries With Ocean Facing Ports		Transportation—International / Inter-regional Transportation	
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<Objectives> By the end of the program, the participants are expected to achieve the following; To acquire in-depth understanding on overall issues of ports and harbors and the experience of Yokohama port by sharing information among officials from respective country and Yokohama port. *Follow-up program of TICAD4 *Participants are expected to participate in the Yokohama "World Port Seminar" <Outputs> (1) to share issues on port and harbor operation and management (2) to share issues on maintenance of port equipment (3) to share issues on cooperation between public and private sectors in the operation of container terminals.	<Target Organizations> National or Local Government organization for port management <Target Group> Directors or the African ports who has more than 15 years experiece in port management		
CONTENTS	PROGRAM PERIOD	Jul.20.2009 ~ Jul.29.2009	
(1) Outline of Yokohama Port and its policies through lectures and field studies centering on Logistics and Environment Measures based on the future planning of the city (2) Workshop of the Port development, and Discussion about comprehensive knowledge related to port and harbor development (3) Discussions with other officials from the ports in developed countries such as Dalian, Hamburg, Melbourne, Oakland, Shanghai, and Vancouver as well as those from African countries at the Word Port Seminar event and also include the exchange of views with the officials from the Yokohama Port.	IMPLEMENTING PARTNER	Port & Harbor Bureau , City of Yokohama	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Participants are expected to participate in the Yokohama "World Port Seminar" which will be held as 150th anniversary event of Yokohama port.	

Target Countries: ASEAN countries

9 participants

English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 1. To share and exchange each country's data, situation and action for efficient CBTI, and Road management and service of each country 2. To learn and to discuss the road management systems and services in Japan as one of the most important elements in CBTI/CBTA</p> <p>【Outputs】 1. To understand and to clarify roles and needs of road management system and service for CBTI/CBTA 2. To formulate study reports including solutions for issues</p>	<p>【Target Organizations】 Organizations in charge of planning or/and policy making for Road Sector e.g. Ministry of Public Works.</p> <p>【Target Group】 Technical officials in charge of planning or/and policy making on Road Sector in Transport Infrastructure development e.g. Ministry of Public Works</p>	
<p>CONTENTS</p> <p>(1) Present situation of CBTI & CBTA in GMS from the point of view of on going infrastructure projects and each countries regulation. (2) The cases of road management systems and services in Japan (3) The application of road management system and service for CBTI & CBTA (4) Issue analysis discussion for road-sector (5) Presentation of Study Report</p>	<p>PROGRAM PERIOD</p>	<p>Sep.23.2009 ~ Oct.3.2009</p>
	<p>IMPLEMENTING PARTNER</p>	<p>N/A (managed directly by JICA)</p>
	<p>JICA CENTER</p>	<p>JICA Yokohama</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	