

7. Transportation

Development of National Implementation Plan under the "ASEAN-Japan Action Plan on Environment Improvement in the Transport Sector" 「日アセアン交通分野における環境に関する行動計画」に基づく国別実施計画の策定		Group Solution	1280018 Continuing
Target Countries : ASEAN 6 countries (Cambodia, Laos, Myanmar, Philippines, etc.)		12 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :			
Language :English			
Appeal			
This program is designed to develop environment implementation plans based on ASEAN-Japan Action Plan on Environment Improvement in the Transport Sector (AJ-APEIT) and to develop environment-friendly transport measures in ASEAN countries. It is expected to achieve the program objective through 3-years program, and this year (2012) is the third year of the whole program.			
Objective/Output		Target Organization / Group	
<p><Program Objective> Within three years of this program, the participating organizations are expected to develop the Final Draft of National Implementation Plan (NIP) in the transport sector in accordance with AJ-APEIT. During the period of the "Finalization Phase" of the third year (2012), the Final Draft of National Implementation Plan shall be developed by each country.</p> <p><Expected Output> (1) To review the Second Draft of NIP by learning the Japanese advanced approaches. (2) To prepare a proposal for the Final Draft of NIP on each country (as an Interim Report of the third year (2012))</p>		<p><Target Organization> Ministries/agencies being responsible for implementing AJ-APEIT and in charge of environment improvement measures</p> <p><Target Group> (1) be government officials dealing with environment improvement measures, (2) preferably be involved in or be well aware of the objectives of AJ-APEIT, (3) preferably be the ex-participants of the program in 2011, (4) be in principle between thirty(30) and fifty (50) years of age,</p>	
Contents		Program Period	2012 / 8/26 ~ 2012 / 9/22
<p>The contents of the third year (2012) of the whole program are as below.</p> <p><Preliminary Phase> Preparation of presentation documents on the final version of the Second Draft of NIP</p> <p><Core Phase in Japan> (1) Presentation on the final version of the Second Draft of NIP (2) Short presentation on successful experiences or success stories of implementing environment measures (3) Environment measures in the Transport Sector (NIP in transport sector in Japan, Environment measures and development of railway, Logistics and environment, Calculation and utilization of vehicle gas emission factor, etc.) (4) Group discussion (Review of the lectures) (5) Case study (Visiting facilities to observe the current situation and technologies related to the environment improvement in the transport sector in Japan), (6) Preparation and presentation on the proposal for the Interim Report (as Final Draft of NIP)</p> <p><Finalization Phase> Make a presentation of Interim Report and develop to Final Report (final version of Final Draft of NIP)</p>		Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2010 ~ 2012
		Remarks and Website	The participants who did not attend the program in 2011 are required to take over the output of the program in 2011.

Support for the Development of Vehicle Safety and Environment Regulations and Establishment of Type Approval System for Vehicles 自動車の安全・環境に係る基準・認証制度の構築支援	Group Solution	1280154 Continuing
Target Countries : ASEAN countries	9 participants	
Sector :Transportation/Capacity Development for Transport Sector		
Sub-Sector :		
Language :English		
Appeal		
Japan has been proactively participating in WP29 activities by promoting international harmonization of vehicle regulations for addressing to the global issues such as reduction of GHG emissions and for realizing sustainable mobility societies in Asian countries. Japan is ready to provide useful advice and information and extend assistance to Asian countries which intend to accede to the UN Agreement so as to develop their vehicle regulations and others.		
Objective/Output	Target Organization / Group	
<p><Course Objective> Submission of a final report is expected, to include a roadmap towards the development of vehicle regulations and the establishment of type approval systems, as well as a detailed action plan on establishment of legal system and organizations and a process to accede to the UN Agreement is expected.</p> <p><Objective for each unit> 1. Case studies on policies, institutions, and regulations of vehicles, including a process to accede to the UN Agreement and ways to perform technical tests to inspect vehicle in conformity with regulations 2. Extract effective measures applicable at home from Japanese cases</p>	<p>【Target Group】 This program is offered to government officials of ASEAN Member States who are capable of planning the establishment of type approval systems for vehicles as a responsible person among those who are in charge of assignment on safety and environment issues of vehicles.</p>	
Contents	Program Period	under planning
1. Preliminary Phase Create the country report 2. Core phase in Japan <Lecture> Legal Systems on Motor Vehicle Motor Vehicle Inspection/Registration Motor Vehicle Registration Business Periodical Checks and Maintenance/Repair Business/Qualified Mechanic System Motor Vehicle Assessment Motor Vehicle Type Approval System (Incl. Type Approval of New Technology) Motor Vehicle Recall System Environmental Measures on Motor Vehicles Study on New Technology of Motor Vehicles Internationalization of Motor Vehicle Type Approval System <Site Visit> Motor Vehicle Registration Business Designated Garage Motor Vehicle Inspection Equipment Automotive Company Motor Vehicle Type Approval Test Procedures	Implementing Partner	JATA, Japan Automobile Standards Internationalization Center
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011 ~ 2013
	Remarks and Website	

Colloquium on Urban Public Transport 都市公共交通コロキウム		Group Solution	1280783 Continuing
Target Countries : Countries having cities with a population of 1,000,000 or more		12 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :Urban/Regional Development/Urban Development			
Language :English			
Appeal			
The training aims at enhancing public transport by promoting understanding on advanced Japanese system. By acquiring the knowledge on new tasks in the public transport such as environmental issues, utilizing public transport, safety, transport for disables, transferring system, IC cards, connectivity between different modes, the participants will formulate transport policies for solving issues and developing urban public transport.			
Objective/Output		Target Organization / Group	
<p><Program Objective> Proposals for improving the planning/administrative management of urban public transport are formulated against issues/problems currently tackling in their respective organizations.</p> <p><Expected Output> (1) To analyze current status and major issues in urban public transport system in participants' countries. (2) To acquire comprehensive knowledge on urban public transport system in Japan. (3) To cultivate applied skill for applying the acquired knowledge to their countries and deliberate ways of improvement for solving issues. (4) To make proposals for improving the planning/administrative management of urban public transport to the respective organizations.</p>		<p><Target Organization> Organizations in a city with a population of 1,000,000 or more, responsible for the formulation of urban public transport policies</p> <p><Target Group> (1) have more than 5 years of professional experiences in urban transport planning and management (2) be administrative officers in charge of planning and implementing of urban transport polices in a city with a population of 1,000,000 or more (3) be in principle 45 years of age or under</p>	
Contents		Program Period	2013 / 1/16 ~ 2013 / 2/23
<p><Preliminary Phase> Preparation of Inception Report on policies, efforts, and issues on urban transport planning and projects in the respective countries.</p> <p><Core Phase in Japan> (1) Overview of policy and planning related to urban public transport in Japan (Development of urban transportation facilities and systems, Japan s policy measure for urban public transportation, Procedure of urban transport planning, Environmental problems caused by urban transport and their evaluation, etc.) (2) Particular subjects of urban public transport planning (Railway policy and situation, Road transport policy and situation, Traffic demand management in cities, Metro and bus business in metropolitan area, etc.) (3) Case study (Site visits in both metropolitan and other cities) (4) Preparation for proposals as Interim Report</p> <p><Finalization Phase> Presentation of Interim Report and development to Final Report</p>		Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2011 ~ 2013
		Remarks and Website	(1)This program is to make proposals for improvement of urban transport policy through discussions (colloquium session). (2)It is recommended to select the nominees from the organizations involved in JICA projects.

The Total Planning of Airport Construction, Management and Maintenance 空港の建設、運営・維持管理計画策定		Group Solution	1280878 Updated
Target Countries : [REDACTED]		12 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :			
Language :English			
Appeal			
<p>"Outlook for Air Transport to the year 2025" published by International Civil Aviation Organization (ICAO) predicts the increase of aviation demands in the world. It is said that from year 2005 to 2025, aviation demands will increase 5.8 % in the Asia Pacific and Middle East, and 5.1% in Africa. Following this trend, airport development projects, new construction and expansion of existing airports, are scheduled in these regions. After the construction/expansion of the airport, efficient and effective management and maintenance are essential as well. Taking this opportunity, Japan initiates to promote the deployment of integrated infrastructure systems in our partners countries. In this regard, this program offers participants and his/her organization the basic knowledge on construction, management and maintenance of the airport development, and the opportunity to make efficient airport development plans with professional consultation.</p>			
Objective/Output		Target Organization / Group	
<p>【Objective】 After this training, participants will propose airport development plan considering construction, management and maintenance, and the action plan proposed by participants will be recognized by the planning division of the organization participants belong to.</p> <p>【Objective for each unit】 1. To summarize the current situation and challenge/concern on airport development planning in participating countries. 2. To learn and be able to explain the knowledge on airport develop plan considering construction, management and maintenance from the Japanese cases. 3. To formulate the draft airport development plan based on the situation and challenge/concern in participating countries. 4. To formulate and share the action plan among participants and in the participating organizations.</p>		<p>【Target Organization】 Aviation bureau of central or local government, airport companies in charge of airport development.</p> <p>【Target Group】 1. Officers in charge of planning, management and maintenance of airport development. 2. With more than 5 years of occupational experiences in the division of airport planning, management and maintenance, and will be in same occupation more than 3 years after the participation on this program. 3. Have a good command of speaking and writing English.</p>	
Contents		Program Period	2012 / 8 / 26 ~ 2012 / 10 / 6
<p>Preliminary faze 1.Preparation of Country Report on airport development.</p> <p>Core Phase in Japan 1. Lectures, observations, and discussions on followings will be conducted. * Presentation and discussion of the country report. * Aviation policy (open sky, metropolitan airport developments. * Airport Planning (elemental planning, public involvement). * Airport Management and maintenance (total management of primary facilities and terminal, PFI&PPP, maintenance of facilities, eco airport). * Latest technology (against earthquake and tsunami). 2. Formulation, presentation and discussion of the draft action plan, including the airport development plan.</p> <p>Finalization Faze 1. Presentation and discussion of the draft action plan among the stakeholders in respective countries. 2. Submission of the progress report.</p>		Implementing Partner	Under Planning
		JICA Center	JICA Yokohama
		Cooperation Period	2012 ~ 2014
		Remarks and Website	

Comprehensive Bridge Engineering 橋梁総合コース		Group Solution	1280948 Continuing
Target Countries : <input type="text"/>		14 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :Transportation/Capacity Development for Transport Sector			
Language :English			
Appeal			
This training course is implemented by the implementing partner in charge of construction, maintenance and repair of bridges. The result of the training will be reflected into the solution of issues of participants' countries. The training program is designed to meet the expected module outputs. Before coming to Japan, participants will make a country report to summarize the problems of bridges in their countries and participate in the training proactively.			
Objective/Output		Target Organization / Group	
【Program Objective】 To improve the capacity of bridge engineering in Recipient Country, contributing to efficient and effective social infrastructure improvement.		<Target Organization> Competent government agencies or governmental organizations responsible for bridge engineering (design, construction/construction supervision, maintenance and repair of bridges).	
【Module Outputs】 Participants can understand and explain the following: (1) design of bridges (acquisition of design technique using software is NOT included in the course objectives) (2) construction and construction supervision of various types of bridges (RC, PC and steel bridges) (3) maintenance and repair of various types of bridges		<Expected Job Title> Engineer currently engaged in bridge engineering (design, construction/construction supervision, maintenance and repair of bridges)	
		<Expected Job Experience> preferably with five(5) - fifteen (15) years of work experience (3 years or more in bridge designing desirable),	
Contents		Program Period	2012 / 9 / 24 ~ 2012 / 11 / 3
【Preliminary Phase in Participants' home countries】 Formulation and submission of Country Report Collection of data and preparation for report presentation		Implementing Partner	Honshu-Shikoku Bridge Expressway Company Limited (HSBE)
【Core Phase in Japan】 Lectures, practices, site visits and discussion on the following subjects. (1) Bridge Planning in Japan (2) Design and Construction of Substructures (3) Design and Construction of Concrete Bridges (PC and RC Bridges) (4) Steel Bridges (5) Bridge Accessories (6) Bridge Maintenance and Repair (7) Preparation and presentation of Training Reports		JICA Center	JICA Kansai ()
		Cooperation Period	2011 ~ 2013
【Finalization phase in a participant's home country】 Participants and their organizations revise and implement the action plan for improving construction, maintenance and repair of bridges.		Remarks and Website	http://www.jb-honshi.co.jp/english/index.html

Road Administration 道路行政	Group Leaders	1280949 Continuing
Target Countries : Low-Income and Lower Middle-Income Developing Countries	19 participants	
Sector :Transportation/Capacity Development for Transport Sector		
Sub-Sector :		
Language :English		
Appeal		
This program is designed to enhance capacities of road planning of the middle-level officers at governmental agencies or government-related organizations responsible for formulation of road planning in the developing countries. This course is the only group training for planning the road networks and improving the road related administration.		
Objective/Output	Target Organization / Group	
To formulate an improvement plan of road administration. To achieve the objective, the participants' outputs are as follows: (1) Understand the process of road planning and points to consider thereof (2) Understand the effects of road development, the way to grasp them and the evaluation method of the project (3) Understand the process of road structure planning (including bridges and tunnels) and points to consider thereof (4) Understand road pavement, and (5) Propose an improvement plan of road network or technical standards in road sector.	<Target Organization> Central and local government or government-related organizations responsible for the formulation of road planning <Target Group> 1) Current Duties: be a mid-level officer in charge of road planning in central and local governments or government-related organization and expected to be assigned to the leading position in the future, 2) Educational Background: be university graduate specialized in civil engineering or the equivalent, 3) Age: 40 years old or younger	
Contents	Program Period	2012/11/ 7 ~ 2012/12/8
Presentation : Country Report Presentation by Participants Lecture : Road Administration in Japan, Road Network Planning, Highway Economic Effects and Project Appraisal, Case study of Damage and Maintenance on Bridges, Road Structural Ordinance and others Exercise and Presentation: Road Network Planning Site Visit : Tunnel Construction Site, National Institute for Land and Infrastructure Management, Public Works Research Institute Observation : MLIT Technology Development Office, Pavement Maintenance Work , Traffic Control Center, Maintenance work of Akashi Kaikyo Bridge	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism Infrastructure Development Institute
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010 ~ 2012
	Remarks and Website	

Sustainable Port Development and Planning 港湾開発計画		Group Solution	1280978 Continuing
Target Countries : [REDACTED]		21 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :Transportation/International/Inter-regional Transportation			
Language :English			
Appeal			
Experts from the one of the highest qualified port research institute in the world provide the lectures from basic knowledge to the leading-edge research results of civil engineering, and instruction how to address the issues related to the port development and planning. The participants formulate action plan with knowledge acquired through training course and consultation with the above experts.			
Objective/Output		Target Organization / Group	
<p>[Objective] Based on issues related to port development and maintenance (the cost effectiveness of port facilities, appropriate maintenance, effective use of existing facilities, reducing environmental impacts, and measures to cope with disasters), a feasible action plan will be formulated.</p> <p>[Outputs] 1) The issues related to the port development of respective countries are organized as Country Report with draft action plan 2) The participants understand the policy, institutional framework and present challenges of port development 3) The participants acquire the basic technical knowledge necessary for the planning of port development 4) The participants understand the present issues and trends of port development 5) The participants revise the draft action plan for the measures to address the issues of port development of each participant's country. 6) The participants discussed the revised action plan in their organization, and finalize the action plan authorized by their organization</p>		<p>1. be currently engaged in port and harbor-related activities with more than three (3) years of occupational experience as a technical staff</p> <p>2. be university graduates in science and engineering field or have the equivalent educational history,</p> <p>3. have a sufficient command of spoken and written English,</p>	
Contents		Program Period	2012 / 6 / 3 ~ 2012 / 8 / 4
<p>【Preliminary Phase】 The issues related to the port development of respective countries are organized as report with draft action plan in advance.</p> <p>【Core Phase】 Lecture: Policy/Institutional Framework of Japan, Design of Port Facilities, Wave Hind casting, Soil Exploration, Life Cycle Management, Maintenance of Facilities Observation : Port Planning/Promotion with citizen participation, Firm location in port (as case study of port development in combination of lecture and site visit), Leading container terminal and bulk terminal in Japan, On-going port development project Exercise : Port planning method, Design of port facility, Hydraulic experiment, Soil test</p> <p>【Finalization Phase】 The participants discussed the revised action plan in their organization, and finalize the action plan authorized by their organization</p>		Implementing Partner	Ministry of Land, Infrastructure and Tourism (MLIT), The Overseas Coastal Area Development Institute of Japan (OCDI)
		JICA Center	JICA Yokohama
		Cooperation Period	2010 ~ 2012
		Remarks and Website	

Strategic Port Management 港湾戦略運営		Group Solution	1280981 Continuing
Target Countries : [REDACTED]		21 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :Transportation/International/Inter-regional Transportation			
Language :English			
Appeal			
Experts from Ministry, Port management body, Shipping Company and Consultant provides the lectures how to address the issues related to the port management and operation. The participants formulate action plan with knowledge acquired through training course and consultation with the above experts.			
Objective/Output		Target Organization / Group	
<p>[Objective] To formulate a feasible action plan to address the issues relating to port management and operation (port management and operation system, Introduction of IT system in Port Management, International Competitiveness)</p> <p>[Outputs]</p> <p>(1) The issues related to the port management and operation of respective countries are organized as Country Report with draft action plan</p> <p>(2) The participants understand the policy, institutional framework and present challenges of port management and operation of Japan</p> <p>(3) The participants understand how to examine the methods and approaches for the strategic port management and operation with understanding of the present issues and trends of port management and operation in the world</p> <p>(4) The participants revise the draft action plan for the measures to address the issues of port management and operation of each participant's country.</p> <p>(5) After the participants return to their own country, they discuss the revised action plan in their organization, and finalize the action plan by obtaining approval of their organization</p>		<p>1. be university graduates or have an equivalent academic background.</p> <p>2. be currently engaged in port administration and/or management works with more than eight (8) years of occupational experience in the field of ports and harbors</p> <p>3. hold (or will hold in short time) an executive position in port administration or management</p> <p>4. have a good command of spoken and written English,</p>	
Contents		Program Period	2012/10/ 8 ~ 2012/11/17
<p>【Preliminary Phase】 The issues related to the port management and operation of respective countries are preliminary organized as Country Report with draft action plan in advance</p> <p>【Core Phase】 Lecture from Ministry, Port management body, Shipping Company and Consultant:Port Development Policy/Institutional Framework of Japan, Management method of Container Terminal, Port Promotion Site Visit : Visit to Port with explanation of Port management body and Container terminal operator Exercise : Layout of Container Terminal, Tariff</p> <p>【Finalization Phase】 The participants finalize the action plan for port management of respective country, after they go back to their countries</p>		Implementing Partner	Ministry of Land, Infrastructure and Tourism (MLIT), The Overseas Coastal Area Development Institute of Japan(OCDI)
		JICA Center	JICA Yokohama
		Cooperation Period	2010 ~ 2012
		Remarks and Website	

Maritime Law Enforcement for Countries in Asia and surrounding Somalia アジア・ソマリア周辺海域 海上犯罪取締り		Region-Focused Solution	1284023 Continuing
Target Countries : Countries plans to take measures for Maritime law enforcement		18 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :			
Language :English			
Appeal			
This course aims to gain knowledge and techniques for the Maritime Law enforcement through lectures, visit, and practice (including boarding) based on cooperation from Japan Coast Guard. This course is targeting to commander level of practical site and month period. Quota: 18 members.			
Objective/Output		Target Organization / Group	
<p><Course Objective> The capacity enforcement of coast guards in Asia and the surrounding countries of Somalia and sharing the Improvement Plan in the participant's organization is achieved, and the international human network in the Maritime Law Enforcement area is strengthened.</p> <p><Objective for each unit> Basic Theories of Maritime Law Enforcement is acquired. Practical knowledge and techniques of Maritime Law Enforcement is acquired. Knowledge of the Japanese Maritime Safety system is deepened through site visits of related organizations. The Action Plan aimed to solve each countries problems is made and shared in the participant's organization. The human international network among the participating countries is enforced.</p>		<p><Target Organization>Coast Guard, Naval Police <Expected Job Title> Officers in charge of practical investigation</p> <p><Experience> Longer than 3 years' experience in practical investigation</p> <p><Other Qualifications>Have sufficient English ability, be university graduates or equivalent, be 40 years of age or younger, ideally (for long course)</p>	
Contents		Program Period	under planning
<p><Preliminary Phase> Formulation of report to present current situation in the participant's country</p> <p><Core Phase in Japan> Anti-Piracy Countermeasures, International Law, Anti-Terrorism Countermeasures Maritime Drug Law Enforcement, Keynote Lecture(Latest Trends of Piracy in the world) Drill for Handling Investigation Equipment, On Board Training, Exercise for Suppression Technique, Table-top exercise for Piracy Countermeasures, Table-top exercise for Maritime Drug Law Enforcement, Courtesy Call (JCG HQ, 7th Regional HQ) ,Yokohama Base JCG Museum Annex (illegal boat), JCG Operation Room, JCG Research Center, JCG Academy, Kanmon Martis (VTC) , Fukuoka Airbase</p> <p>Preparation for Action Plan, Action Plan Presentation (Discussion convention) , Country Report Presentation , Action Plan Presentation (Discussion convention), Closing Ceremony (Signing Ceremony)</p> <p><Finalization Phase>Implementation of the formulated plan, and report progress.</p>		Implementing Partner	Japan Coast Guard 7th Regional Headquarters
		JICA Center	JICA Kyushu
		Cooperation Period	2011 ~ 2013
		Remarks and Website	*This course is not designed for law officer. Participation of law officer is not recommended.

Seminar for Leading Coast Guard Officials in ASEAN Countries アセアン地域 海上保安幹部職員セミナー		Region-Focused Int.Dialogue	1284265 Updated
Target Countries : ASEAN Countries		10 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :			
Language :English			
Appeal			
Leading Coast Guard officials in each country of ASEAN exchange and share their opinions for common problems in the region, enhance knowledge and promote international cooperation.			
Objective/Output		Target Organization / Group	
<p>【Objective】 To improve capability and knowledge about common issues of Maritime safety and promote international cooperation in ASEAN.</p> <p>【Objective for each unit】 1. To analyze knowledge and issues of own country's Coast Guard (Maritime safety organization). 2. To compare the difference of Maritime safety system between Japan and their own country. 3. To promote international cooperation on common issues of Maritime safety through sharing their opinions. 4. To develop an action plan to solve issues and promote international cooperation.</p>		<p>【Target Organization】 Coast Guard</p> <p>【Target Group】 • Leading officers of Coast Guard (Maritime safety organization) • more than 3 years experiences in charge of major policy, capacity development, and the rest</p>	
Contents		Program Period	under planning
1. Lecture and workshop: Lean issue analysis method, then analyze the knowledge and issues of their own country.		Implementing Partner	Japan Coast Guard
2. Presentation and discussion: Boost mutual understanding and relations through presentation and discussion.			
3. Lectures: System of Maritime safety in Japan. Observations: Japan Coast Guard and the related organizations.		JICA Center	JICA Chugoku
4. Seminar: Exchange and share their opinions for common issues, in order to promote international cooperation.		Cooperation Period	2012 ~ 2014
5. Preparation and presentation of an action plan.		Remarks and Website	

Improvement of Port Cargo Transport Efficiency for African Countries 港湾物流効率化(アフリカ地域)		Region-Focused Leaders	1284340 New
Target Countries : African Countries		12 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :			
Language :English			
Appeal			
In Sub-Saharan Africa, there are many problems in distribution infrastructures of international corridors, as well as the institutional and operational arrangements which allow the infrastructure to function appropriate and effectively. This training course is focusing on improvement of the port cargo transport efficiency that is the issue of the ports as gateways of international corridors.			
Objective/Output		Target Organization / Group	
【Objective】 To enhance the capacity of the officer in charge of port planning or port administration for port planning, administration and operation 【Objective for each unit】 (1) To understand the present situation and the issues of Cross Border Transport Infrastructure both in the participant's country and Africa (2) To understand the measures to promote the efficiency of port cargo transport (3) To understand the port administration and operation system, port cargo transport and the measures for strengthening international competitiveness (4) To understand appropriate PPP introduction and measures to improve PPP conditions (5) To examine the measures to reduce the cargo dwell time of the port of participant's country		【Target Organization】 Port strategy and planning section of national government organizations, Port management authorities 【Target Group】 Officer in charge of the port planning and development, or port administration (especially related to the port cargo transport), at Port strategy and planning section of national government organizations, or port management authorities 【Nominee Qualifications】 1.be graduates in science and engineering field or have equivalent educational history, 2.be currently engaged in the port planning and development, or port administration with more than five (5) years of occupational experience.	
Contents		Program Period	2013/ 1/14 ~ 2013/ 2/5
(1)-1 Present situation of regional distribution and international corridor (1)-2 Utilization of hinterland of the ports (1)-3 Analysis on the shipping company's selection of port of call (1)-4 Analysis of present situation of port cargo transport (1)-5 Structure analysis of the cost of port cargo transport (2)-1 Lectures/site visit on the approach from the hardware aspect (Efficiency improvement by infrastructure upgrading, long-term use of existing facility by LCC) (2)-2 Lectures/site visit on the approach from the software aspect (Port procedure simplification, coordination with the Customs, ICT) (2)-3 Others (3)-1 Japanese port system (3)-2 Measures for the strengthening international competitiveness (3)-3 Port security measures in Japan (4)-1 Framework of PPP in port sector (4)-2 Current trend, case study and evaluation of PPP (including concession) in port sector (5)-1 Presentation and discussion on the issues on cargo dwell time and present challenges to reduce it (5)-2 Identification of problems, examination of countermeasures (5)-3 Planning of business improvement proposal, presentation of action plan.		Implementing Partner	1.Ports and Harbors Buerau,MLIT 2.City of Yokohama 3.Others:Under Planning
		JICA Center	JICA Yokohama
		Cooperation Period	2012 ~ 2014
		Remarks and Website	

Development of Logistics System in Asian Region アジア地域における物流システムの発展		Region-Focused Solution	1284883 Updated
Target Countries : Asian Countries		7 participants	
Sector :Transportation/Capacity Development for Transport Sector			
Sub-Sector :			
Language :English			
Appeal			
Promotion of the cargo transport in the developing countries is an urgent necessity with consideration of the future prospect in those countries. The efficient and effective development of the logistic system is especially the key issue in developing this region. Japan and ASEAN countries established "ASEAN-Japan Transport Partnership Framework" in 2003. Under this cooperation mechanism, Japan and ASEAN countries have been promoting cooperation on various fields including logistics in this context.			
Objective/Output		Target Organization / Group	
<p>【For what? (Purpose)】 This training program aims at improving the ability to facilitate logistic system and to cope with the present situation of the field in the participant's respective country in Asian Region while enhancing the partnership between ASEAN countries and Japan.</p> <p>【For whom? (Target)】 This program is offered to officials currently being engaged in policy making in the field of logistics system in Asian Region at the governmental or public organization.</p> <p>【How?】 Participants will learn how to plan and develop the physical distribution of transport system. (1) The program focuses on cargo transport as a total physical distribution system and (2) The curriculum covers strategic thinking, planning & development, management of the transport, packing, handling, storing and information technology. (3) They will also formulate an action plan at the end of the training period in Japan in order to improve the logistics system in their respective country and the whole Asian region.</p>		<p>【Target Organization】 Governmental Organizations related to logistic system (in the field of land, water, air, IT) 【Target Group】 (1) officials of governmental or public organization, being engaged in logistics with a position to carry out Action Plan(deputy director class or equivalent), (2) university graduates or equivalents (3) have more than three years of occupational experience in logistics sector, excluding road construction, infrastructure maintenance, and traffic investigation, (3)between 45 to 28 years of age, and (4)proficient in spoken, reading and listening English</p>	
Contents		Program Period	2012 / 5 / 10 ~ 2012 / 6 / 23
<p>【Preliminary Phase in the participant's home country】 (April 10 to May 9) (1) Solution development team is formulated in the organization the participant belongs to. (2) Inception report is formulated as a result of the analysis of the problem the participant belongs to which is proceeded by the members of the team.</p> <p>【Core Phase in Japan】 (May 10 to June 23) (1) to extract and organize issues on logistics system in the country or in Asian region, (2) to develop an action plan for the issues above, and (3) to develop skilled person who are sharing common awareness of the issues in Asian region with Japan and other Asian countries, and can be a bridge of coordination on logistics issues.</p> <p>【Finalization Phase in the participant's home country】 (June 24 to September 23) To implement an interim report Action Plan) 《Participating organizations produce final outputs by making use of results brought back by participants. This phase marks the end of the Program.》</p>		Implementing Partner	Aichi Industrial Research Association
		JICA Center	JICA Chubu
		Cooperation Period	2012 ~ 2014
		Remarks and Website	

Seminar on Aviation Security 航空保安セミナー		Group Solution	1280318 Continuing
Target Countries : [REDACTED]		20 participants	
Sector :Transportation/International/Inter-regional Transportation			
Sub-Sector :			
Language :English			
Appeal			
International community has continued efforts on safeguarding civil aviation against acts of unlawful interference. International community has made resolutions to cooperate and to intensify the preventive measures against acts of unlawful interference to the civil aviation. Although Strengthening security system is the most important to prevent the acts of unlawful interference to the civil aviation, many countries have been tacking with this challenges. Considering such present situations, promotion of the international cooperation to strengthen training for aviation security is strongly requested in ICAO resolutions in July 1985, which decided the reinforcement of preventive measures against the acts of unlawful interference to the civil aviation. In this regard, this program offers the knowledge on the aviation security such as, international standards, security measures, security equipment and training, quality control and crisis management based on the experiences of Japanese aviation security.			
Objective/Output		Target Organization / Group	
【Objective】 Draft Action Plan on enhancing aviation security will be formulated by the participants, and will be shared with the stakeholders in respective countries.		【Target Organizations】 Governmental bodies on aviation security and management of airport.	
【Outputs】 1. To deepen understanding of the importance of international aviation security by studying the Japanese and other states` systems and experiences. 2. To acquire basic knowledge of aviation security and security control systems practiced in Japan and other states as a reference. 3. To deepen basic knowledge of security equipment. 4. To identify aviation security problems in each participant's country, and seek the effective measures for them.		【Target Group】 1. Administrative officers in charge of the aviation security and management of airport. 2. Graduates degree or the equivalents with an academic background in civil aviation. 3. With more than 5 years of occupational experience in the field of aviation security. 4. Have a sufficient command of spoken and written English.	
Contents		Program Period	2013/ 1/15 ~ 2013/ 2/16
[Preliminary Phase] 1. Preparation of Country Report on Aviation Security in each country.		Implementing Partner	Under Planning
[Core Phase in Japan] 1. Lectures, observations, and discussions on followings will be conducted. * Structure and system of civil aviation in Japan, international aviation security law, outline of security measures for aviation by airports, airlines and forwarder, regulation and quality control for Aviation Security. * Countermeasures in the event of Hijacking, security screening at airport, preventive measures against acts of unlawful interference of flights by air carrier, training methods and subjects for security personnel including screeners. * Basic knowledge of explosives, new technologies for screening equipment and advanced screening system.		JICA Center	JICA Yokohama
2. Development of the draft action plan, and its presentation and discussion.		Cooperation Period	2011 ~ 2013
[Finalization Phase] 1. Presentation and discussion of the draft action plan among the stake holders in respective countries. 2. Submission of the final report on action plan.		Remarks and Website	

Hydrography for Charting, Disaster Prevention, and Environment Protection (Internationally Accredited Category B for Hydrographic Survey) 航行安全・防災・環境保全施策立案のための海洋情報整備(水路測量国際認定B級)		Group Leaders	1280713 Continuing
Target Countries : coastal states		10 participants	
Sector :Transportation/International/Inter-regional Transportation			
Sub-Sector :			
Language :English			
Appeal			
It has been designated by FIG/IHO/ICA to issue category B certificates of hydrographic surveyors. All courses will be conducted in Japan.This course aims to improve the ability at hydrographic survey and nautical cartography and the capability to collect, maintain, and manage marine information. The ability of policy development with GIS will also be improved.			
Objective/Output		Target Organization / Group	
<p><Course Objective> The course aims to improve the ability to collect, maintain, and manage the marine information as the basic technique of charting, and the ability to utilize geographical information in marine policy development</p> <p><Objective for each unit> 1) To acquire the hydrographic survey knowledge and techniques needed for preparing nautical charts, and to acquire International Accredited Category B for Hydrographic Survey certification. 2) To deepen the understandings for utilizing the bathymetric data from hydrographic survey for marine disaster prevention, charting and marine environmental protection, and to acquire the knowledge about the GIS.</p>		<p><Target Organization>governmental organization for nautical cartography or hydrographic survey</p> <p><Expected Job Title>Employed in a governmental hydrographic office or other relevant organization which is responsible for hydrographic surveys,</p> <p><Expected Job Experience> Be technical college graduates or the equivalent with at least two years of occupational experience in hydrographic survey</p> <p><Other Qualifications>Have obtained credits for two (2)-year course of mathematics and physics at least on the level of Technical College or equivalent educational institution</p>	
Contents		Program Period	2012 / 6 / 5 ~ 2012 / 12 / 1
Lectures conforms to the curriculum to acquire International Accredited Category B for Hydrographic Survey		Implementing Partner	Hydrographic and Oceanographic Department Japan Coast Guard Japan Hydrographic Association
Field practices conforms to the curriculum to acquire International Accredited Category B for Hydrographic Survey		JICA Center	JICA Tokyo(Economy&Env.)
Practice in processing hydrographic data and making original drawing of chart		Cooperation Period	2011 ~ 2013
Lecture about the "Marine Information Clearinghouse", which is metadatabase for marine data and information in Japan, and about the framework and method to collect, maintain, and manage the marine data and information in Japan Ocean Data Center		Remarks and Website	The participants of this program are certified to International Accredited Category B for Hydrographic Survey. http://www1.kaiho.mlit.go.jp/
Lecture about the philosophy of GIS, how to use GIS application generally used around the world and practice in layering and expressing geophysical information			
Training of the method of collecting marine information needed in the policy planning, desktop simulation and discussion about the GIS base policy planning aiming the establishment of marine protected area etc.			

Advanced Maritime Education on Navigation Technology 情報技術応用海事教育(航海)		Group Trainers	1280743 Continuing
Target Countries : <input type="text"/>		6 participants	
Sector :Transportation/International/Inter-regional Transportation			
Sub-Sector :			
Language :English			
Appeal			
To develop the marine technical expert having the technique of maritime safety and management based on information technology			
Objective/Output		Target Organization / Group	
【Objectives】 This program aims to improve the capacity of leaders of maritime education and to disseminate the knowledge and skills to participating organizations.		1)Be engaged in maritime education concerning operation control of vessels in their countries. Lecturer of educational institution is most appropriate.	
【Outputs】 (1) To understand the international maritime regulations, and explain the international background of safety navigation and the role of maritime education. (2) To understand the basic navigation technology, and apply the information technology for maritime education and safe navigation. (3) To conduct and evaluate the education and training for seafarers. (4) To make teaching materials and instruction manual for instructing maritime education and navigation technology by applying the information technology. (5) To plan, execute, evaluate and improve the maritime education and training based on teaching materials and instruction manual		2)Experience: (a)have experience of service on the sea for 1 year or more, (b)have experience of maritime education for 1 year or more, and have equivalent knowledge and skill to (a) 3)Education: be a graduate of university or equivalent, have knowledge and skill equivalent to those required for 2nd or 3rd Grade Maritime Officer (Navigation), based on the '95 STCW treaty, have basic knowledge on RADAR-ARPA simulators and PC.	
Contents		Program Period	2012 / 6 / 18 ~ 2012 / 11 / 29
1-1 The international maritime regulations and the navigation rules that were adopted by IMO, 1-2 ISM and PSC, 1-3 Maritime disaster control training by "Maritime Disaster Prevention Center"		Implementing Partner	Marine Technical College
2-1 The marine meteorology, the terrestrial and electronic navigation, the maritime information network, and the nautical information system, 2-2 Observation of the educational organization, operative facilities and the private enterprises		JICA Center	JICA Kansai ()
3-1 Radar/ ARPA simulator, ship maneuvering simulator and cargo handling simulator training, 3-2 GMDSS simulator and ECDIS simulator training, 3-3 Training on Board a training ship		Cooperation Period	2010 ~ 2012
4-1 Seminar on the theme of education and training methods and the current situation of marine transportation		Remarks and Website	
5-1 Teaching practice using teaching materials and instruction manual prepared by participants, 5-2 Presentation of seminar			

International Maritime Conventions and Ship Safety Inspection 海事国際条約及び船舶安全検査		Group Trainers	1280977 Continuing
Target Countries : [REDACTED]		12 participants	
Sector :Transportation/International/Inter-regional Transportation			
Sub-Sector :			
Language :English			
Appeal			
This program is proposed to contribute to enhance the ship safety inspection, to secure the safety of human life and to preserve the global maritime environment by acquiring related requirements of the international maritime conventions.			
Objective/Output		Target Organization / Group	
<p>【Objectives】 Technical knowledge on the related requirements of the international maritime conventions and the draft action plan which is formulated by participants to enhance the ship safety inspection will be shared with the stakeholders in respective countries.</p> <p>【Outputs】 1. To understand the requirements and interpretation of international maritime conventions. 2. To understand the present issues and problems for the implementation of international maritime conventions in developing countries. 3. To understand the international/Japanese standard and the criteria of ship safety inspection. 4. To develop the draft action plan proposing practical method to solve the challenges.</p>		<p>【Target Organizations】 Governmental bodies on ship safety management.</p> <p>【Target Group】 1. Official in the field of ship safety administration such as Ship Inspectors, but not as seafarer, harbor master, pilot, and consultant engineer etc. 2. Graduate degree in engineering or equivalents. 3. With more than 1 year experience. 4. Have a sufficient command of speaking and writing English.</p>	
Contents		Program Period	2012 / 5 / 13 ~ 2012 / 8 / 11
<p>[Preliminary Phase] 1. Preparation of Inception Report on Ship Safety Inspection System in each country.</p> <p>[Core Phase in Japan] 1. Lectures, observations, and discussions on followings will be conducted. * IMO trend. * SOLAS Convention. * Visiting Shipbuilding Yards and Ship Machinery Companies. * Practical Training for New Ship Survey, Existing Ship Survey, PSC or Engine Survey. 2. Development of the draft action plan, and its presentation and discussion.</p> <p>[Finalization Phase] 1. Presentation and discussion of the draft action plan among the stakeholders in respective countries. 2. Submission of the final report on action plan.</p>		Implementing Partner	Shipbuilding Research Centre of Japan
		JICA Center	JICA Yokohama
		Cooperation Period	2010 ~ 2012
		Remarks and Website	This program is also certified as IMO program. After the completion of program, certificates both from JICA and IMO will be issued.

Seminar on Port Facility Security for ASEAN Countries アセアン地域港湾保安セミナー		Region-Focused Int.Dialogue	1284123 Continuing
Target Countries : ASEAN Countries		17 participants	
Sector :Transportation/International/Inter-regional Transportation			
Sub-Sector :			
Language :English			
Appeal			
Since the 2001 terrorist attacks, security measures related to international maritime transport has become an important international issue. The purpose of this seminar is to acquire the necessary knowledge to promote ASEAN countries port security measures. The training target is the port security personnel. This seminar will introduce International trends and latest technology related port security, and understanding SOLAS revision convention and its standards which required for ASEAN.			
Objective/Output		Target Organization / Group	
<p>[Objectives] To understand importance of port facility security and to share issues of port facility security policy among ASEAN countries.</p> <p>[Outputs] 1. To understand international conventions and initiatives on port facility security and acknowledge needs of port facility security policy as well as roles of contracting government. 2. To acquire basic knowledge and understand current act and security audit for the implementation of port facility security measures. 3. To acquire skills for the implementation of PDCA cycle in port facility security to improve port facility security of each country.</p>		<p>[Target Organization] National government organizations in charge of port facility security policy.</p> <p>[Target Group] 1. to be university graduates in engineering field or have the equivalent educational history, 2. to have a sufficient command of spoken and written English, 3. to be an official of the government or a public entity currently in charge of port facility security (Preferable that the nomination of two candidates from each country is a pair of manager and officer in the same department.)</p>	
Contents		Program Period	2012 / 11 / 25 ~ 2012 / 12 / 15
<p>[Lectures] Port Facility Security Policy in Japan, Trend of the International Organizations Related to Port Security, Port Facility Security Assessment and Planning in Japan, Port Facility Security Equipment, Communication Procedures, Maritime Security, Security Measures Related to Customs, Security Inspection and Audit in Japan.</p> <p>[Exercise] Country Report, Port Security Assessment and Planning, Table Top Exercise, Audit.</p> <p>[Site visit] Study trip to port and harbor in Japan.</p>		Implementing Partner	Under Planning
		JICA Center	JICA Yokohama
		Cooperation Period	2010 ~ 2012
		Remarks and Website	

Trunk Road Management and Maintenance 幹線道路の維持管理		Group Solution	1280096 New
Target Countries : <input type="text"/>		17 participants	
Sector :Transportation/National Transportation			
Sub-Sector :			
Language :English			
Appeal			
The course mainly targets counterpart organizations of Japanese Loan cooperation project for road development. It is designed to strengthen capacity of the organizations for trunk road management and maintenance, by equipping their civil engineers with knowledge and skills required for survey, planning, daily and special maintenance techniques with due considerations for cost and quality.			
Objective/Output		Target Organization / Group	
【Objective】 Trunk road management and maintenance activities are improved in the target organizations 【Objective for each unit】 1) increase their understanding on road administration in Japan (5% of the total program) 2) increase their understanding on trunk road management and maintenance system in Japan and other countries (10%) 3) analyze strengths and challenges for the trunk road management and maintenance system in their organizations (15%) 4) enhance their basic knowledge on road management and maintenance such as road design and maintenance with due consideration for life-cycle cost and environment/social impacts (10%) 5) enhance their basic skills such as survey, planning, daily and special maintenance (procurement, supervision, examination and disaster mitigation) (35%) 6) consider necessary measures to strengthen trunk road management and maintenance in their home countries and draft action plans in their organizations (25%)		Target: Civil engineers working as officials at governmental organizations in charge of trunk road management and maintenance. Civil engineers working as officials at governmental organizations in charge of trunk road management and maintenance activities (survey, planning and daily/special maintenance) with over 5 years working experiences at related area Priority will be given to the counterpart organization of Japanese Loan projects.	
Contents		Program Period	2012 / 8 / 13 ~ 2012 / 9 / 22
Lectures on road administration in Japan Lectures, exercise, SWOT analysis through workshops and discussions on trunk road management and maintenance system in Japan and other countries Presentation and workshop to analyze trunk road management and maintenance in participants' countries Lectures, exercise, site-visits and discussion on basic knowledge: (i) design, management and maintenance with consideration to life-cycle cost, social/ environmental impacts (ii) new techniques (bridges, road management and maintenance with innovative technologies) Lectures, exercise, site-visits and discussion on basic skills: (i) management and maintenance with quality and cost effectiveness (ii) quality control for road management and maintenance (iii) measures to institutionalize proper road management and maintenance etc Exploring necessary measures to enhance trunk road management and maintenance and drafting, presentation and discussion of action plan		Implementing Partner	Under planning
		JICA Center	JICA Kansai ()
		Cooperation Period	2012 ~ 2014
		Remarks and Website	This training course will be implemented twice: (1) Aug/13/2012 ~ Sep/22/2012 (for Asia, Oceania and Central & South American Countries) (2) Sep/10/2012 ~ Oct/20/2012 (for Africa)

Road Management and Maintenance for Central Asian Countries 中央アジア地域 道路維持管理		Region-Focused Solution	1284031 Continuing
Target Countries : Central Asian Countries		12 participants	
Sector :Transportation/National Transportation			
Sub-Sector :			
Language :Russian			
Appeal			
This training course is designed to learn road management and maintenance system including disaster prevention (snow and ice disaster, slope management, maintenance with ITS, asset management) reflecting the similarity between Central Asia and Hokkaido. The course leader and lecturers will have discussions to complement participants' understanding and provide personal coaching to each participants for making feasible action plan			
Objective/Output		Target Organization / Group	
【Objectives】 The Action Plan, focused on the system and planning, based on the understanding the issues on the management of trunk roads in respective countries under the budgetary constraints shall be proposed and shared among the belonging organization.		【Target Organizations】 Organization responsible for road management, operation, and maintenance	
【Outputs】 1) Road maintenance management system is reconsidered through understanding the case of Hokkaido. 2) Procedure of road management is reconsidered with the concept of "Life Cycle Management" 3) Appropriate maintenance management for inner city road is reconsidered. 4) Countermeasure against natural disasters such like snowslide and landslide is reconsidered. 5) Road problems in the cold areas are defined and reconsidered the countermeasure against them. 6) "Action Plan" is proposed to solve the road problems in own areas through applying the lessons learnt through this training program.		【Target Group】 - engineer or administrator in charge of road planning and maintenance - More than five (5) years' experience in the field of road planning, road maintenance, or road management.	
Contents		Program Period	2012/11/ 7 ~ 2012/12/15
[Pre-Training] Preparation of Inception Report		Implementing Partner	Hokkaido Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
[Training in Japan] 1) Framework of road maintenance and management(organization, budget, out-source, law) 2) Road design standard, Construction standard, Construction Management, Maintenance plan considering Life Cycle Cost, Repair work 3) Development and maintenance for inner city road, underground passage, snow-melting tank 4) Emergent operation against natural disaster, temporary repair work, case study 5) Countermeasures against disaster in ice and cold region(snowslide, frost heaven), pavement in cold area, construction in cold area 6) Country report presentation, discussion, Action plan making and presentation		JICA Center	JICA Hokkaido (Sapporo)
		Cooperation Period	2011 ~ 2013
[Post-Training] Submission of the progress report within 6 months after the training in Japan		Remarks and Website	

Urban Road Management and Maintenance 都市内道路の維持管理		Group Solution	1280242 New
Target Countries : <input type="text"/>		9 participants	
Sector :Transportation/Urban Transportation			
Sub-Sector :			
Language :English			
Appeal			
Inappropriate maintenance of urban road causes early deterioration, extraordinary traffic congestion and traffic accidents in developing countries. This course is expected to contribute to improve urban road maintenance and management system for smooth traffic and road safety through learning the preventive maintenance, maintenance and repair work, design and construction considering life cycle cost and so on.			
Objective/Output		Target Organization / Group	
<p>【Objective】 To identify challenges for road safety and comfortable urban road maintenance and management, and formulate an action plan to resolve them. The action plan is discussed within his/her belonging organization and is implemented for improvement.</p> <p>【Objective for each unit】 1.To understand the framework of urban road administration and the role of the related organization. 2.To understand planning for road safety and comfortable urban road. 3.To understand necessary approach on design and construction of safety road and comfortable road maintenance and management. 4.To understand urban road management and maintenance system considering asset management 5.To formulate an action plan to resolve the challenges within belonging organization facing on urban road. 6.To propose the action plan to the belonging organization and to be discussed. The progress report is submitted</p>		<p>【Organization】 In charge of planning, design, construction or maintenance and management of urban road</p> <p>【Group】 Engineer in charge of planning, design, construction or maintenance and management of urban road.</p> <p>【Experience】 More than 5 years of experience is desirable</p>	
Contents		Program Period	2012 / 9 /12 ~ 2012 /10 /13
<p>【Pre-Training】 Preparation of Inception Report on the challenges of urban road maintenance and the role of his/her belonging organization</p> <p>【Training in Japan】 Lectures, Observation, Discussion including the following topics are implemented: - Law and regulations related to urban road - Role of related organizations on urban road - Framework of urban road administration - Urban plan, Urban transportation plan of Sapporo, Public Involvement - Counter measure for urban traffic jam - Road Safety - Management of outsourcing work - Approach at construction site - Approach on discharging water(sewage and drainage maintenance) - Policy for road maintenance and management by asset management - Theory of preventive management - Implementation of road maintenance and management - Practical repair work, Road ledger - Formulation of Action Plan</p> <p>【Post-Training】 Submission of Progress Report within half an year after the training in Japan</p>		Implementing Partner	Construction Bureau of Sapporo City
		JICA Center	JICA Hokkaido (Sapporo)
		Cooperation Period	2012 ~ 2014
		Remarks and Website	

Environmentally Sustainable Urban Transport Planning 環境的に持続可能な都市交通計画		Group Solution	1280844 Updated
Target Countries : <input type="text"/>		12 participants	
Sector :Transportation/Urban Transportation			
Sub-Sector :Urban/Regional Development/Urban Development			
Language :English			
Appeal			
This program is designed for central and local government officers to bring awareness and encourage introducing environmentally sustainable urban transportation system and city planning based on the concept of "green economy (reducing carbon emissions and pollution, and growing income and employment in local community driven by public and private investments)".			
Objective/Output		Target Organization / Group	
<p>【Objective】 Approaches and directions to promote environmentally sustainable urban transportation system and city planning will be shared among planning officers in the participants organizations.</p> <p>【Objective for each unit】 Understand actual approaches for environmentally sustainable urban transportation system and city planning conducted by central and local government.</p> <p>Understand the city planning based on the concept of "greening the urban economy".</p> <p>Set the direction of policies, programs, projects for promotion of environmentally sustainable urban transportation system and city planning.</p> <p>Develop action plan to promote environmentally sustainable urban transportation system and city planning in respective countries.</p> <p>Environmentally sustainable urban transportation system and city planning shall be examined and dissemination shall be implemented at participant s organization.</p>		<p>-Department of Public Transportation, Department of Environment, and Department of City Planning or other related agencies.</p> <p>-Middle ranking officer for Department of Public Transportation, Department of Environment, and Department of City Planning or other related agencies.</p> <p>-Have over 3 to 5 years of experience in relevant area.</p>	
Contents		Program Period	2012 / 6 / 27 ~ 2012 / 8 / 11
<ul style="list-style-type: none"> • approaches for environmentally sustainable urban transportation system and city planning conducted by central and local government in Japan. • Urban planning and Green Economy • Green Buildings • Turning Municipal Waste into a Resource • Sustainable Urban Transport • ICT for Smart Cities • Science, Technology and Innovation for Sustainable Cities • Culture and Sustainable Cities • Compile and organize own country issues though discussion. • Drafting an action plan. • sharing an action plan with her/his organizations. 		Implementing Partner	United Nations Centre for Regional Development
		JICA Center	JICA Chubu
		Cooperation Period	2012 ~ 2014
		Remarks and Website	

Planning the Operation and Maintenance System for Urban Railways 都市鉄道の運営・維持管理体制		Group Solution	1280951 Continuing
Target Countries : Countries with urban railway networks		14 participants	
Sector :Transportation/Urban Transportation			
Sub-Sector :			
Language :English			
Appeal			
This program is designed for urban railway companies to plan an operation and maintenance system suitable for their own country through understanding the importance of safety and efficient urban railway operation.			
Objective/Output		Target Organization / Group	
<p>To propose Improvement plan of the operation and maintenance system suitable for recipient countries' urban railways, based on the understanding of the issues related to the operation of urban railways and the consideration of their present situations.</p> <ol style="list-style-type: none"> 1. To be able to explain the importance of safe and efficient operation of urban railways. 2. To understand the operation and maintenance methods of urban railways in Japan. 3. To be able to propose an operation and maintenance system suitable for their own countries' urban railways. 4. To share their proposal among related personnel and consider its feasibility. 		<p><Target Organization> Urban railways company, railways company that own urban railways, or any organization that a planning to run urban railways.</p> <p><Target Group> 1 Managers /senior officers of the planning department of railway companies 2 More than five years' experience in the railways business</p>	
Contents		Program Period	under planning
<p>【At home】 Report making about the present situation in their own countries.</p> <p>【In Japan】</p> <ul style="list-style-type: none"> • Lectures on the issues related to urban railways which are common in the developing countries, and presentations by trainees about the present situation in their own countries. • Lectures on the characteristics of Japanese railway system which is superior in the safety and efficiency. • Lectures on the organization/system of railway companies and their roles. • Lectures on the methods how to approach for solving problems and how to draw up a plan, based on the experiences of railway companies. • Lectures and site-visits on the methods how to operate and maintain the urban railways in Japan. • Presentations by trainees and discussions for planning their future operation and maintenance system, based on the understanding of the issues related to the operation of urban railways and the consideration of their present situations. <p>【At home】 Presentation and discussion of the improvement plan in their own countries</p>		Implementing Partner	Ministry of Land, Infrastructure, transport and Tourism Japan Railway Technical Service
		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2010 ~ 2012
		Remarks and Website	

Maintenance of Mountain Road 山岳道路の維持管理	Group Trainers	1280168 Continuing
Target Countries :		10 participants
Sector :Transportation/Rural Transportation		
Sub-Sector :Transportation/National Transportation		
Language :English		
Appeal		
This training is focused on maintenance of mountain road and aims to contribute to the capacity development of civil engineers in the related field. In this training program participants will have chances to observe precipitous mountain roads in Nara, Wakayama and Kochi prefecture as examples of Japan. The methods will be introduced in detail in lectures. Those methods shall be relevant for civil engineers in developing countries, especially counterparts of grant aid or yen-loan projects.		
Objective/Output	Target Organization / Group	
<p>【 Course Objective 】 Applicable technique, knowledge for maintenance of mountain road will be shared to engineers in participating organizations in charge of the related field.</p> <p>【 Expected Outputs and Modules 】</p> <p>1) Participants will be able to share and understand main issues and problems of each country.</p> <p>2) Participants will be able to explain outline of road in Japan.</p> <p>3) Participants will acquire technical knowledge which is needed for developing such as bridges and tunnels to maintain mountain road.</p> <p>4) Plan to disseminate applicable techniques to the other engineers will be developed.</p> <p>5) Participating organization will implement applicable techniques which participants acquired in Japan.</p>	<p>(1)Target Organizations This program is designed for governmental organizations in charge of maintenance of mountain road.</p> <p>(2) Target Participants Target participants of this course are Civil Engineers who are involved in maintenance of mountain road.</p> <p>(3) Educational Background: Applicants should be university graduates or have the equivalent academic background in the field of civil engineering.</p> <p>(4) Experience in the relevant field: Applicants should have more than 5 years experience in the field of operation, maintenance of mountain road as civil engineer.</p> <p>(5) Age: Applicants are recommended from 28 to 45 years old</p>	
Contents	Program Period	2012 / 10 / 29 ~ 2012 / 12 / 15
<p>【Preliminary Phase in Home Country】 Making Inception Report to analyze the issues and problems about mountain road maintenance in participant's organization and country.</p> <p>【Core Phase in Japan】</p> <p>1) Participants will be able to share and understand main issues and problems of each country <Presentation and Discussion of inception report></p> <p>2) Participants will be able to explain outline of road in Japan Lecture: Overview of Mountain Road in Japan / Outline of road in Japan(Policy, System, etc.) / Overview of maintenance of Mountain Road in Japan.</p> <p>3) Participants will acquire technical knowledge which is needed for developing such as bridges and tunnels to maintain mountain road Observation and Practice: Root 309 (Mountain Road) / Lecture and Observation: Techniques for maintenance of Mountain Road</p> <p>4) Plan to disseminate applicable techniques to the other engineers will be developed Discussion and Observation: Techniques for maintenance of roads. Practice and Discussion: Analyzing policy and techniques which are applicable in participants organization.</p> <p>5) Participating organization will implement applicable techniques which participants acquired in Japan. <Presentation on Dissemination Plan by each participant></p> <p>【Finalization Phase in Home Country】 Making final paper to report the progress of each action plan.</p>	Implementing Partner	Ministry of Land, Infrastructure and Transport, Kinki Regional Development Bureau
	JICA Center	JICA Kansai ()
	Cooperation Period	2011 ~ 2013
	Remarks and Website	Web-site for implementing Partner: http://www.kkr.mlit.go.jp/en/index.html

Flight Procedure Design (RNAV) 飛行方式 (RNAV) 経路設計		Group	1280744
		Leaders	Continuing
Target Countries : <input type="text"/>		10 participants	
Sector :Transportation/Other Transportation Issues			
Sub-Sector :			
Language :English			
Appeal			
This program aims to acquire practical knowledge and technique for RNAV (area navigation) flight procedures design method based on the ICAO (International Civil Aviation Organization) PBN (Performance based Navigation) concept through the plenty of exercise in this course.			
Objective/Output		Target Organization / Group	
<Course Objective> To acquire enough knowledge and expertise to design RNAV flight procedures <Objective for each unit> (1) Understand quality assurance in RNAV of Japan. (2) Understand design standard of flight procedure design. (3) Acquire the operation skill of procedure design automated tools and be able to design flight procedure.		<Target Organization> Civil Aviation Authority <Expected Job Title> flight procedure designer, air traffic controller, RNAV qualified pilots, etc. who are engaged in flight procedure design. <Expected Job Experience> This program is offered to the personnel who have completed PANS-OPS basic training course or equivalent knowledge.	
Contents		Program Period	under planning
<Lecture> Overview of flight procedure design Overview of PBN (Performance based navigation) Quality assurance (for flight procedure design) Geographic data and obstacle data <Exercise> PANS-OPS (Procedures for Air Navigation Service), 8 days Survey exercise, 1 day Design tool for flight procedure design, 3 days <Site Visit> Aeronautical safety college Air Traffic Management Center in Japan		Implementing Partner	NTT Data i Corporatiton
		JICA Center	JICA Tokyo(Economy&Env.)
		Cooperation Period	2011 ~ 2013
		Remarks and Website	

Maritime Search and Rescue, Marine Disaster Prevention and Marine Environment Protection Course for the Officials for Maritime Safety Operational Level 海上保安実務者のための救難・環境防災コース		Group Solution	1280807 Continuing
Target Countries : Countries have maritime safety agency/department/organization		15 participants	
Sector :Transportation/Other Transportation Issues			
Sub-Sector :			
Language :English			
Appeal			
Participants shall have opportunities to acquire skill and knowledge regarding maritime search and rescue, disaster prevention and marine environment protection through this program from Japan Coast Guard and other organizations which have sophisticated and technical ones as they operate actual responses. Participants will also have a view of a solution through the methods to formulate an action plan, based on acquired ones; for capacity development of participants' and their own organizations.			
Objective/Output		Target Organization / Group	
<p><Course Objective> This program aims to realize the implementation of actions for improvement and/or solution of issues and problems about Maritime SAR, Marine disaster prevention and marine environment protection in participant's organizations which have a duty of SAR, disaster prevention and environment protection based on the action plan prepared by participants.</p> <p><Objective for each unit> 1)To be able to clarify and understand the present situation, issues and problems of SAR, maritime disaster prevention and marine environment protection system of participants' agency and department.2)To be able to clarify and understand framework of Japan Coast Guard. 3)To be able to clarify and understand issues on international framework, knowledge and skills on maritime SAR.4)To be able to clarify and understand issues on international framework, knowledge and skills regarding maritime disaster prevention and method of combating oil, noxious and hazardous substances.5)To be able to clarify and understand issues on international framework, knowledge and skills regarding marine environment protection.6)To be able to formulate the action plan for solution of issues and problems on SAR, disaster prevention and marine environment protection system in participants' countries</p>		<p><Target Organization>The duty agency on Maritime Search and Rescue,Marine Disaster Prevention and Marine Environment Protection.<Job Title>The officials for maritime safety operational level of the coast guard or equivalent organization which have a duty of maritime search and rescue and/or marine disaster prevention and/or marine environment protection.<Job Experience>More than five years' experience in the field of maritime SAR and/or marine disaster prevention and /or marine environment protection.<Other Qualifications>Age: be under fifty years. Educational Background: be graduate of university or equivalent. Health: must be in good health, both physically and mentally, to participate in the program.</p>	
Contents		Program Period	2012 / 9 / 3 ~ 2012 / 10 / 24
<p>1)To understand and analyze the present situations of SAR, disaster prevention and marine environment protection system of agency and identify its issues and problems. To make and present a country report on the above mentioned topics. 1)Lecture on framework about Japan Coast Guard. 2)Observation of Japan Coast Guard Academy. 1)Lecture on knowledge about maritime SAR. 2)Lecture, exercise and observation of related facilities on actual SAR methods. 3)SAR Table-Top Drill. 1)Lecture on knowledge about international framework, knowledge and skills to combat disaster related oil, noxious and hazardous substances. 2)Lecture, exercise and observation of related facilities on actual operations. 1)Lecture on knowledge about international framework, knowledge regarding marine environment protection. 2)Lecture, exercise and observation of related facilities on actual operations including method of investigation, coordination between related organizations. 1)Lecture and exercise on formulation of action plan for solution of issues and problems on SAR, disaster prevention and marine environment protection system. 2)Formulation and presentation of action plan for solution of issues and problems identified by each participant.</p>		Implementing Partner	Japan Coast Guard
		JICA Center	JICA Yokohama
		Cooperation Period	2011 ~ 2013
		Remarks and Website	