



APPENDIX FOR DISCUSSION PAPER ON
REVISITING THE GMS ECONOMIC CORRIDOR
STRATEGIES AND ACTION PLANS

Updated Action Plans for GMS Economic Corridor Development

(as of March 2015)

East-West Economic Corridor
North-South Economic Corridor
Southern Economic Corridor



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How to reach us: GMS Secretariat

Southeast Asia Department

Asian Development Bank

Fax: +63 2 636 2226

E-mail: gms@adb.org

Download this document at: <http://www.adb.org/countries/gms/strategy>

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I. Action Plan for East-West Economic Corridor (EWEC) Development

1. Improving the Business Environment

Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
Strategic Objective:		EMPOWER PRIVATE SECTOR: Improve the business environment along the EWEC area to develop competitive commercialize activities among microenterprises and SMEs.						
1.1	Business Development Service Center for Micro and Small Business Development in Savannakhet	Provide a comprehensive approach for the delivery of BDS products to microenterprises and small scale enterprises with the following outputs: (i) improved availability and access to production and market information; (ii) access to markets, including transport and logistics support; (iii) access to low-cost finance; (iv) affordable technical consultancy and training; (v) basic management training; (vi) start-up training and consultancy; and (vii) training in entrepreneurship.	Establishment of BDS Center; number of participants; evaluations by participants	Not yet determined	2009–2012	Proposed by GMS Business Forum, as well as Lao Agro-Processing Association in the Lao National Chamber of Commerce and Industry (LNCCI)	No action has been taken.	Ongoing (approved: 3 Dec 2014 and completion date 30 Nov 2017) RETA 8785: Mekong Business Initiative (MBI), a policy advisory and advocacy facility to promote private sector development (PSD), business formalization and growth in value chains in the GMS region with focus on CLMV.

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Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
Strategic Objective:	EMPOWER PRIVATE SECTOR: Improve the business environment along the EWEC area to develop competitive commercialize activities among microenterprises and SMEs.						
1.2 Establishment of an SME Development Fund	Fund to support development of micro and small-sized enterprises in the lesser developed areas of the EWEC and other poor regions of the GMS.	Establishment of Fund	Not yet determined	2008–2012	Proposed by the BID participants to the GMS Leaders at the Third Summit. The proposal was reiterated at the 12th Meeting of the Subregional Transport Forum (12–14 August 2008). The Leaders at the Third Summit mandated that a study of this proposal be undertaken. ADB could assist the GMS Business Forum (BF) in undertaking the study.	Under consideration by the GMS-BF.	During 5th Summit, 20 Dec 2014, the GMS BF Statement mentioned that Thai Credit Guarantee Corporation (TCGC) offered technical support to CLMV countries in their respective endeavors to set up similar national schemes. The TCGC model can be used to promote SME development in EWEC countries
1.3 Training programs and/or workshops on SMEs' participation in global value chains	Global value chains (GVCs) awareness workshop based on case study and instructions on GVC steps and requirements for their application. Includes preparation of GVC-related technical training on technical, product and process quality standards, and information technology requirements.	Number of participants; evaluation of program by participants; application by participants	Not yet determined	2008–2012	Proposed. The specific topics, learning methods, participants, and financing modalities of such programs and workshops have yet to be determined.	An ADB-assisted RETA is being implemented to promote trade, investment and value chains. It includes conduct of training programs for local CCLs along EWEC.	RETA 7521: Strengthening Local CCLs along EWEC to Promote Trade, Investment and Value Chains completed on 31 July 2012. No further training program conducted,

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Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
Strategic Objective:		EMPOWER PRIVATE SECTOR: Improve the business environment along the EWEC area to develop competitive commercialize activities among microenterprises and SMEs.						
1.4	Mapping of global value chain opportunities for SMEs in EWEC and other GMS areas	Mapping exercises covering identification of constraints in specific industries, including trade rules and regulations and inadequacies in the logistics systems. Also, studies on the feasibility of establishing clusters of SME export suppliers along the borders of the GMS economic corridors to ease sourcing problems by foreign buyers who will not have to deal with many small suppliers in scattered locations.	Completion of mapping exercise and studies	Not yet determined	2008–2012	Financing is being sought for these activities. Under RETA 6450, a scoping exercise for global value chains in the GMS countries is planned to select sector and/or products, buyers, distributors, suppliers and/or sellers. This will be followed by a GVCs mapping exercise and brochure production.	Abovementioned RETA includes mapping value chains for at least two products and preparing action plans for establishing EWEC production clusters.	RETA 6450: Enhancing Transport and Trade Facilitation in the GMS was completed in Dec 2012. No further action has been taken.

2. Promoting Trade, Investment and Tourism

Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
Strategic Objective:	EMPOWER PRIVATE SECTOR: Facilitate conditions leading to the expansion of cross-border activities to enhance the competitiveness of the privates sector, both in the production of goods and in the promotion of tourism along the corridor.						
2.1 Preparation of (CBTA) Implementation Manuals for the pilot border crossing points	ADB assistance to Viet Nam, Lao PDR and Thailand to draft manual for Lao Bao-Dansavanh, and Mukdahan and Savannakhet; translation into national languages.	Completion of draft manual, translated into national languages		2008–2012	Ongoing.	Ongoing. A comprehensive program of action for transport and trade facilitation (TTF) in the GMS will commence in 2011.	Transport in Lao PDR, Thailand and Viet Nam: A Practical Guide for Drivers, First Edition, 2013 is uploaded in the gms-cbta.org website (http://www.gms-cbta.org/uploads/resources/15/attachment/Operations_Manual_for_Cross_Border_Transport.pdf).
2.2 Establishment of GMS FRETA	Study on the establishment of the GMS FRETA, as proposed by the Business and Investment Dialogue participants to the GMS Leaders at the Third Summit and further reiterated at the 12th Meeting of the Subregional Transport Forum (12–14 August 2008).	Completion of FRETA study	GMS-BF with assistance from ADB	2008–2012	Ongoing. Consultant for the ADB-assisted study on GMS Freight Transport Association recruited and study started in October 2008. The study is to examine the feasibility of establishing FRETA, its modality and best practice in the regional and international context, and its role in the implementation of CBTA such as accreditation and certification of GMS transport operators. Although the establishment of the proposed association can be carried out under the GMS BF umbrella, ADB is assisting in undertaking the study.	The plan to establish a GMS Freight and Transport Association (FRETA) is being pursued. FRETA's constitution and other legal documents have been drafted and the Association is expected to be established within 2011	FRETA was registered as an NGO in Aug 2012 and hosted its first General Annual Meeting on 31 Oct 2012. The GMS FRETA office was established in Vientiane, Lao PDR.

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Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
2.3	Special Economic Zones Capacity Building in Lao PDR	Capacity building for the Lao PDR to develop, manage, negotiate, and promote SEZs	SEZ operational; FDI baseline target; incentives in legislation	Special Economic Zone Authority of the Office of the Prime Minister of Lao PDR	2008–2012	Ongoing. By end of 2011, first SEZ for the Lao PDR developed and operational; FDI baseline of \$200 million in investments in SEZ attained; legislation providing incentives to potential SEZ financiers	On-going.	According to Asia Briefing, the Lao PDR government has decided to set up 41 special economic zones, 25 of which will be launched over the next 10 years. Of these, six are currently under development. In Savannakhet Province, the Savan-Seno SEZ is about two kilometers away from the Second Friendship Bridge with Thailand. This one and Dansavan on the Viet Nam border are along EWEC. Neither of these two zones has taken off. Problems with local administration, inconsistent regulations, inadequate banking, among others, have resulted in low investor interest.
2.4	Policy Support for Cross-Border Contract Farming in Savannakhet	Assessment study, workshops and dialogues, and the development of a regional strategy to address specific cross-agricultural trade issues.	Completion of study, workshops and regional strategy	Not yet determined	2008–2012	Proposed. WGA Secretariat to expedite processing of new proposed umbrella RETA, for cofinancing by ADB and PRC.	Study on GMS Cross-border Agriculture Trade Facilitation and Strategy completed.	Knowledge products have been prepared and disseminated; training programs on contract farming have been conducted.

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Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
2.5	Joint Study on Demand and Supply of Key Agricultural Products and Cross-border Agriculture Resource & Market Information System	Application of pilot project to the case of Savannakhet, showing supply potential and market demand at local, national, regional, and global market levels, mapping product potential with high market growth products.	Completion of study	Not yet determined	2008–2012	WGA/ADB to explore financing possibilities. Proposed for all GMS countries, it would be applied as a pilot project in Savannakhet	Phase II of Core Agriculture Support Program (CASP II) includes a proposed project on GMS Agriculture Trade Promotion and Modernization which will identify high value products for cross-border trade in existing and emerging GMS economic corridors, and conduct a supply chain analysis to identify constraints and opportunities for expanded production, trade and value-added processing. Funding to be explored.	Included in the Regional Investment Framework Implementation Plan for 2014-2018 is a proposed investment project on "Enhancing Competitiveness and Trade Facilitation of Agri-Food Products in the GMS". The project supports Pillar 1 of CASP II concerning food safety and agricultural trade modernization to promote GMS corridors as regional hubs for safe agri-food trade development.
2.6	Pre-Investment Pilot Projects for Cross-Border Agricultural Supply Chain Management and Small and Medium Enterprise Development	Pilot study on some case studies of cross-border value chains for SMEs.	Completion of study	Not yet determined	2008–2012	Proposed. Concept note to be prepared	Same as above.	Included in the Regional Investment Framework Implementation Plan for 2014-2018 is a proposed investment project on "Climate-Friendly Agri-Business Value Chains in the GMS" which will focus on the creation of Agribusiness Centers (ABCs) near GMS corridor towns and rural growth clusters to effectively link farming communities and urban centers along the corridors by developing upstream and downstream linkages.

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Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
2.7	Review of investment incentives regimes in GMS countries	Review of investment incentives in EWEC and other GMS countries to determine whether they are creating distortions in the production cost structure of foreign invested enterprises and whether there are any adverse impacts resulting from competing FDI incentives packages across the GMS countries.	Completion of study	Not yet determined	2008–2012	Financing is being sought for these activities	Not yet acted upon.	Not yet acted upon.
2.8	Improving Farmers' Livelihood through Rice Information Technology in Thai and Vietnamese EWEC areas	Improvement of food security and livelihood of poor farmers in the EWEC and other GMS areas through increased application of existing agricultural ICT to manage and share information at the national and regional levels, based on the Rice Knowledge Bank of IRRI.	Creation of Rice Knowledge Bank System.	Relevant agricultural research institutions of participating countries	2008	Ongoing. Cofinanced by ADB and IRRI. Relevant institutions in Thailand and Viet Nam will serve as ICT sites for localizing the Rice Knowledge Bank System to address farmers' information needs and collate and/or develop extension materials.	Completed.	Completed. Rice Knowledge Bank (RKB) successfully developed. Training of farmer intermediaries and other potential users, as well as extensive information dissemination helped farmers improve their farming practices and increase agricultural productivity.
2.9	Synthesis and Exchange of Lessons on Pro-poor Agriculture Development Interventions in EWEC provinces	Report on good practices for agricultural development in EWEC provinces on production and marketing methods to promote the participation of the poor in commercial activities.	Completion of study	Not yet determined	2008–2012	Proposed. Concept note to be prepared	Not yet acted upon.	No update available.

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Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
2.10	Building Capacities for Agricultural Competitiveness	Study on channels to promote modernization of the agricultural sector in the EWEC and other GMS areas expanding competitive advantage of small scale producers and promoting pro-poor involvement in commercial activities.	Completion of study	Not yet determined	2008–2012	WGA/ADB to explore funding possibilities	CASP II roadmap includes a proposed project on Agricultural Productivity Improvement and Resiliency which aims to improve the adaptive capacity of smallholder farmers to cope with climate change, minimize losses, and increase the diversity of crops for consumption and income.	(Please refer to item 2.6 above). The proposed investment project on “Climate Friendly Agri-Business Value Chains in the GMS” will promote public-private partnerships and private sector investments in agribusiness, focusing on high-value products produced by smallholder farmers.
2.11	East–West Economic Corridor Tourism Development	Support to the development of tourist attractions using value chains, and improvement of border facilities and services for tourists along the EWEC.	Completion of tourist attractions; improvement of border tourist facilities	Tourism authorities of EWEC countries and MTCO	2009–2011	Ongoing. Presentation of proposal to donors’ conference organized jointly by MTCO and ADB in March 2009. Phase I TA will be implemented over 24 months from March 2009 to March 2011	Ongoing Sustainable Tourism Development Project I is supporting development of tourism along EWEC (Lao PDR and Viet Nam) through establishment of tourism signage, construction of access roads and markets and tourism information centers, preparation of marketing plan, and improvement of tourism facilities.	Sustainable Tourism Development Project successfully completed in Lao PDR and Viet Nam. JICA and ADB support for community-based tourism in EWEC ongoing.
2.12	Tourism Initiative to Alleviate Poverty through Tourism	Development of pro-poor community-based tourism products based on recommendations of task force that will develop a detailed project proposal.	Presentation of lessons derived from the project to stakeholders	Tourism authorities of EWEC countries and MTCO	2008–2012	Ongoing. MTCO will follow-up with AFD regarding a planned project that will support pro-poor tourism activities along the southern coastal corridor.	Ongoing Sustainable Tourism Development Project I is supporting development of tourism along EWEC (Lao PDR and Viet Nam) through establishment of tourism signage, construction of access roads and markets and tourism information centers, preparation of marketing plan, and improvement of tourism facilities.	Sustainable Tourism Development Project successfully completed in Lao PDR and Viet Nam. Tourism signage system installed and development plan for EWEC prepared.

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Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
2.13	Promotion of SME Development & Investment in EWEC Tourism-Related Facilities and Infrastructure	Help improve the small enterprise investment environment for tourism and facilitate investment in SMEs.	Results presented to stakeholders	Tourism authorities of EWEC countries; MTCO	2008–2012	Ongoing. Task force established to develop detailed project to help design outputs of the Tourism SMEs Forum.	Ongoing Sustainable Tourism Development Project in Lao PDR and Viet Nam is supporting construction of small infrastructure like retail markets, night markets, tourism information centers.	Sustainable Tourism Development Project successfully completed in Lao PDR and Viet Nam. Small enterprise development and tourism marketing supported.
2.14	ADB GMS Sustainable Tourism Project: EWEC	Upgrade tourism infrastructure along the corridors with links to nearby tourism points. Upgrade village roads, cultural house, market sites; PPT: work with local mass organizations and authorities to increase skills and marketing abilities for poverty reduction; and training for local SME beneficiaries.	Establishment of facilities and completion of training	Tourism authorities of EWEC countries and MTCO	2009–2012	Ongoing. ADB-funded project.	Ongoing. See above.	Sustainable Tourism Development Project successfully completed in Lao PDR and Viet Nam. Roadside market facilities and community-based tourism villages developed in Phin District (Lao PDR) and Dakrong (Viet Nam). New immigration terminal developed at Lao Bao-Denesavanh checkpoint.

3. Alleviating Poverty and Reducing Inequality

Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
Strategic Objective: REDUCE POVERTY & INEQUALITY							
3.1 Integrating HIV/AIDS in Transport along EWEC and Other Corridors	Improvement of knowledge base, practices, and institutional mechanisms for the effective implementation of HIV/AIDS prevention interventions in association with infrastructure projects. Case studies on structural and operational factors that facilitate success of HIV interventions.	Identification of key lessons and recommendations	Ministries of health and education in respective countries.	2008–2012	Ongoing. The activity is being implemented as part of the GMS HIV/AIDS Strategy. It is supported by the Cooperation Fund for Fighting HIV/AIDS in Asia and the Pacific established at ADB with support from the Government of Sweden.	Ongoing. Project includes case studies, institutional capacity building on HIV education, formulation of HIV strategy and action plans for transport line ministries, inclusion of HIV education in curriculum of driving schools, production of videos and training manuals, and development of GIS to track and analyze HIV vulnerabilities in the infrastructure sector..	Completed. Training manual <i>For Life with Love</i> , with Lao translation, and ethnographic study <i>“Build It and They Will Come”</i> published and widely disseminated.
3.2 GMS Communicable Disease Control Project (Phase 1)	Strengthen response capabilities to epidemics and disease outbreaks likely to have a major impact on the region's public health; improve coverage of prevention and care of selected communicable diseases in vulnerable populations, in particular poor women and children living in border areas; and improve know-how, policies, standards and coordination among the Lao PDR and Viet Nam, as well as Cambodia to improve communicable disease control, including HIV/AIDS.		Ministries of health and education in respective countries.	2008–2010	Ongoing. Project to be completed in 2010.	Completed. Project helped strengthen response capabilities to epidemics and disease outbreaks, improve the coverage of prevention and care of selected communicable diseases in vulnerable populations, particularly women and children living in border areas, and improve know-how, policies, and coordination among CAM, LAO, and VIE on communicable disease control.	Completed.

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Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
3.3 GMS Communicable Disease Control Project (Phase 2)	Improve environmental health and reduce the burden of communicable diseases in the Lao PDR and Viet Nam, as well as Cambodia. Vulnerable provinces in these countries will be high-priority provinces in terms of their neglected communicable disease control, regional relevance, and synergies with investments in other sectors.	Improved prevention and containment of diseases in vulnerable populations	Ministries of health and education in respective countries.	2009-2012	Proposed. Conduct the project preparatory technical assistance in 2009. The project is included in ADB's indicative technical assistance pipeline for 2010.	Ongoing. Project is supporting interventions to (i) enhance regional cooperation arrangements, expanded surveillance and response systems, and target support for dengue and neglected tropical diseases control; (ii) improve CDC along borders and corridors.	Ongoing with possibility of extension until 31 December 2016.
3.4 Capacity Building for HIV/AIDS Prevention	Support specialized human resource capacity development for the improved management of HIV resources and programs in the Lao PDR and Viet Nam, particularly in relation to large infrastructure projects and the development of economic growth centers.	Improved management of HIV resources and programs in the Lao PDR and Viet Nam,	Ministries of health and education in respective countries.	2010 onward	Proposed. Pending consultations with countries. Included in ADB indicative pipeline for 2010.	Proposed; included in RCOBP pipeline for nonlending products in 2011.	Project approved in Oct 2012. TA 8204 (piggyback TA) completed on 31 December 2014. Loan/Grant ongoing in Lao PDR and Viet Nam.

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Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
3.5 HIV Prevention and Infrastructure: Mitigating Risk in EWEC and other GMS Areas	HIV prevention subprojects associated with ADB-financed infrastructure projects in the EWEC and other GMS areas, including post-construction HIV interventions in association with EWEC areas in Viet Nam and the Lao PDR, as well as NSEC in the Lao PDR. Also assessment of HIV risks associated with enhanced border-crossing formalities under the GMS Cross Border Transport Agreement.	Subproject completion for EWEC and other areas; assessment of CBTA completed	Ministries of health and education in respective countries.	2009 onward	The new RETA is being funded by the Government of Australia.	Ongoing. Project is supporting HIV prevention activities (pre- and post-construction) in selected areas along the EWEC.	Completed on 31 December 2014

4. Protecting the Environment

Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
Strategic Objective: ENVIRONMENTAL IMPACT ASSESSMENTS AND CONSERVATION							
Action Plan:							
4.1 Strategic Environmental Assessments of EWEC and Other Economic Corridors	Study of impacts on social and environmental aspects of logistics improvements along EWEC and other corridors and impact mitigation measures on the rights of the local community and social capital from the change in social input.	Completion of SEA	EOC	2008–2012	Ongoing. SEA of Quang Nam (Viet Nam) Land Use Plan (LUP) 2011-2020 assessment phase finished, first draft LUP undergoing consultations. SEA of Viet Nam's Power Development Plan (PDP) VII ongoing. Agricultural suitability assessment using Spatial Multi-Criteria Analysis (SMCA) undertaken (finalized in June 2010).	Completed LUP SEA in Viet Nam's Quang Nam province. This aims to implement LUP to avoid conflicts in land uses and minimize ecosystem impacts. Completed SEA of Viet Nam's PDP VII, which recommended mitigation measures for hydropower projects and promotion of renewable energy sources. This has also led to planning for energy SEA capacity building for Lao PDR.	<p>Overall, CEP is providing technical support to integrate environmental considerations in the GMS Regional Investment Framework and the Strategies and Action Plans of the priority corridors, through processes such as SEA and tools such as spatial multicriteria analysis.</p> <p>SEA for revised PDP VII completed and approved.</p> <p>From mid- 2014, the Core Environment Program (CEP) began providing additional SEA support to Viet Nam to revise its PDP VII. Revised plan aims to reduce dependence on coal-fired thermal plants, use other energy mix (e.g. renewable energy), and better integrate climate change considerations. Revised PDP VII will be extended to 2030. CEP will support the Institute of Energy to build their capacity to identify impacts and place a monetary value on them. As such, SEA informs the power development planning process.</p> <p>CEP is also contributing to Integrated Energy Planning in Lao PDR and Viet Nam to raise awareness on strategic planning and build capacity in applying technical tools.</p>

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Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
4.2 BCI Pilots for Biodiversity Conservation and Poverty Reduction	For BCI pilot sites, improved livelihoods and reduced poverty; land management regimes; ecosystem restoration; capacity building; and sustainable financing.	Application to selected BCI pilot sites	EOC	2008–2009	Ongoing. All pilot sites face pressures such as planned migration and land encroachment, hydropower projects, mining ventures and agricultural expansion. Regulatory framework is needed by the end of 2009 to deal with land titling and community-based forestry practices including financial incentives.	Ongoing. Establishment of 8 BCI sites covering 2 million hectares of forest area helped maintain ecosystems connectivity of broader ecological landscapes. Interventions at national/local levels led to (i) institution of enabling policy environment (ii) strengthened capacities, (iii) greater participatory methods on conservation practices, and (iv) developed livelihoods to reduce forest dependencies. These BCI pilots provided basis for scaling up BCI concept through ADB grant of \$69 million for Cambodia, Lao PDR and Viet Nam.	CEP-BCI Phase I (2006-2012) pilots are completed. Grant/loan of \$69 million for BCC in Cambodia, Lao PDR, and Viet Nam is ongoing. The follow on initiative, CEP Phase II (2012-2016) is halfway through its implementation period. It aims to improve biodiversity conservation and climate resilience across the GMS, based on four outputs: (i) improved environmental planning systems, methods, and safeguards; (ii) improved management of transboundary biodiversity landscapes and local livelihoods; (iii) development of climate-resilient and low-carbon strategies; and (iv) improved institutions and financing for sustainable environmental management. Ongoing Midterm Review of CEP is focusing on institutional, administrative, organizational, technical, environmental, social, economic, and financial aspects of the Program, based on the assumptions and risks included in the design and monitoring framework (DMF), and the associated results-based M&E system developed for CEP.

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Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
4.3 Exploring CEP-Private Sector Partnership for Developing and Deploying Low Carbon Emitting and Polluting Freight Fleets in the EWEC	Assessment of how reduced-carbon economic corridors could be achieved through government promotion of biofuels and energy efficient freight fleets plying the GMS transport corridors.	Assessment completion and recommendations	EOC	2008–2012	Ongoing. Findings of ongoing WGE and/or EOC study to guide subsequent studies and/or activities to further achieving reduced-carbon economic corridors	The Carbon Neutral Transport Corridor (CNTC) activity was initiated through a series of scoping workshops/consultation missions in Thailand, Lao PDR and Viet Nam in Feb.-Mar. 2011. The scoping workshop helped establish the boundaries and definition of a CNTC. Scoping report, outlining the feasibility study and technical approach, has been prepared and circulated to stakeholders.	<p>CNTC final feasibility study report completed in 2012.</p> <p>Under the CEP Green Freight initiative, interventions to increase fuel efficiency and reduce greenhouse gas from freight transport are being implemented along EWEC in Lao PDR, Thailand, and Viet Nam (2014-2016).</p> <p>Under the GMS Regional Investment Framework, “Low Carbon Freight Corridors” is a priority environment project that builds on ongoing CEP activities by scaling up approaches to reduce freight fuel consumption and increase logistics efficiency at national levels. Interventions comprise: (i) development of financing mechanism for small and medium-sized enterprises in the road transport sector (revolving funds, credit lines) to increase access to low-carbon technologies for trucks; (ii) driver training and capacity building for eco-friendly driving and safety; and (iii) development of national logistics management systems to reduce incidence of return journeys with empty loads. The investment project is planned for 2017; with project preparatory technical assistance in 2016.</p>

5. Enhancing Connectivity

Project Initiative	Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
Strategic Objective:	Enhance connectivity within the EWEC area through secondary and feeder roads, and with other corridors and transport arteries through interchange and gateway nodes.						
5.1 Upgrade sections of the EWEC Other Highway Projects in Viet Nam	Upgrade to class 3 following sections: Highway 8 Cau Treo border-Hong Linh 80 km, D700 billion; Highway 217 Na Meo-Do Len check point 154-194 km, (upgrading to class 4) D160 billion; Highway 49 in Hue 80 km; Highway 19 Quy Nhon port-Binh Dinh province 250 km, D2,000 billion; Highway 24 Dung Quat port-Kon Tum 168 km, D1,360 billion; Highway 9 phase 3, 83km D3000 billion; Highway 26 Cam Ranh port-Buon Ma Thuot 151km, D1208 billion; Highway 14 Nam Giang-Giang Bridge 76 km, D760 billion, and; Highways 20/28 Phan Thiet-Da Lat 140 km, D1,120 billion.	Completion of road upgrading.	Ministry of Transport of Viet Nam,	2008–2012	Ongoing.	Ongoing.	Completed (to be confirmed).
5.2 Upgrade sections of the EWEC from Mae Sot to Mukdahan in Thailand	Upgrade road sections for the following sections of the EWEC: Tak – Sukhothai section 2 (26 km); Nong Rua–Chumpae–Konsarn section 1 (24km); and Tak–Mae Sot section 1 (12km).	Completion of transport projects; reduction in cost and time of travel, and operating costs.	Ministry of Transport and Communications of Thailand	2008–2016	Ongoing. Cost estimate is for the first 220 km. Total length to be upgraded is 465 km. Thailand is financing the upgrading of 62km, costing \$35 million. The remaining 403 km is included in Thailand's 3-year plan (2009–2011) and 11th Highway Development Plan (2012–2016).	Ongoing.	Ongoing (to be confirmed)

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Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
5.3	Expansion Program for EWEC and Southern Corridors Highways	Upgrade 217 km of existing highway in Thailand that is part of the EWEC and Southern corridors from 2-lanes to 4-lane divided highway standard.	Completion of road upgrading.	Ministry of Transport and Communications of Thailand	2008–2012	Loan fact-finding was completed in August 2008; appraisal held in November 2008; submission of project for approval by ADB Board programmed for first quarter 2009. To be financed by ADB (loan of \$110 million included in the 2009 pipeline) and Government of Thailand (\$125 million); other sections to be financed by World Bank.	Ongoing.	Completed (to be confirmed).
5.4	Road improvement of EWEC from Thingannyinaung to Kawkareik (Myanmar)	Improve EWEC road in Myanmar from Thingannyinaung to Kawkareik.	Completion of road upgrading.	Ministry of Rail Transport, Road Transport Administration Department; Ministry of Transport and Communications of Thailand	2008–2012	With financial assistance from Thailand. Cost to be determined.	Ongoing.	Completed (to be confirmed)
5.5	Reconstruction of Tanowsri-Kawkareik (Myanmar) section of EWEC	Reconstruction of Tanowsri–Kawkareik 40 km mountainous section of EWEC, which is currently operating one-direction per day.	Completion of onstruction	Ministry of Rail, Transportation, Road Transport Administration Department, Myanmar	2008–2012	With financial assistance from Thailand. Cost to be determined.	Ongoing.	Ongoing (to be confirmed)
5.6	Construction or reconstruction of Kawkareik-Mawlamyine-Thaton in Myanmar	Construction or reconstruction of 189-km Kawkareik–Mawlamyine–Thaton road, as part of Phase 2 of the Thailand–Myanmar–India Transport Linkages Project	Completion of road, including upgrading.	Ministry of Rail, Transportation, Road Transport Administration Department, Myanmar	2008–2012	With financial assistance from Thailand. Cost to be determined.	Ongoing.	Ongoing (to be confirmed).
5.7	Construction of Savannakhet Railway Line	Construction of a 210 km electrified railway line across Savannakhet linking Thailand to Viet Nam.	Completion of construction	Ministry of Transportation of Lao PDR and Malaysian-based company	2008–2012	Proposed. Cost to be determined.	No further action has been taken.	No further action has been taken.

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Project Initiative		Expected Output	Progress Indicator	Implementation Agency	Time-frame	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/Remarks As of March 2015
5.8	Development of Lien Chieu Seaport in Viet Nam	Development of Lien Chieu Seaport, which is part of the Da Nang Seaport System, in the following areas: (i) construction of a 250-meter (m) long container pier at the area of natural depth (9 m) for 30,000 dead-weight ton (DWT) container ships to berth, load, and unload cargo; (ii) construction of a 320 m long combined pier at the area of natural depth (7.5 m) for 10,000 DWT combined ships to berth, load, and unload cargo; (iii) provision of specialized facilities for loading and unloading; and (iv) construction of breakwater with an estimated length of 850 m to prevent waves and wind from the north and northeast.	Completion of seaport construction	Planning and Investment Department, Ministry of Transport, Viet Nam	2008–2012	Proposed. The Lien Chieu seaport could serve as an eastern terminus and/or gateway of the EWEC and provide a deepwater port to handle imports and/or exports, serving both domestic traffic in Viet Nam, in particular economic zones in the central highlands of Viet Nam, as well as transit traffic from neighboring EWEC areas.	Ongoing.	Ongoing (to be confirmed).
5.9	Upgrade Da Nang Port (Phase 2)	Upgrade port under phase 2 of a JBIC-financed project.	Completion of port upgrading.	Ministry of Transport, Viet Nam	2008–2012	Proposed. Cost to be determined.	Ongoing.	Completed (to be confirmed).
5.10	Savannakhet Airport Improvement (Lao PDR and Thailand)	Improvements to Savannakhet airport.	Expansion of the airport	Department of Civil Aviation Branch Office in Savannakhet	2008–2012	Ongoing. The airport is now operational for domestic and international flights to Bangkok.	Completed.	Completed .

II. Action Plan for North-South Economic Corridor (NSEC) Development

1. Mainstream measures to deal with social and environmental concerns in NSEC development

Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
1.1 Environmental Concerns						
Develop framework and approaches for strengthening management and protection of natural resources in NSEC areas to ensure sustainable development of the corridor.		Agriculture, Natural Resources and Environment Ministries of NSEC countries; local authorities of NSEC areas; Working Group on Environment (WGE); EOC	2008-2012			Overall, CEP is providing technical support to integrate environmental considerations in the GMS Regional Investment Framework and the Strategies and Action Plans of the priority corridors, through processes such as SEA and tools such as spatial multicriteria analysis.
• Strategic Environmental Assessment (SEA) of NSEC	SEA covering NSEC areas completed and considered in update of NSEC strategy and action plan.	WGE; EOC	2008-2009	Ongoing; SEA focused on Golden Quadrangle and eastern and western portions of Route No. 3.	SEA for NSEC completed.	Ongoing SEA support for socio-economic development planning in Lao PDR (2016-2020) to be piloted in Luang Namtha (for future replication in all provinces). EOC will work with relevant government agencies (primarily with the Ministry of Natural Resources and Environment, Lao PDR) to promote the effective use of SEA as a planning and environmental management tool in support of socio-economic development planning at provincial and district levels. SEA for provincial socio-economic development master plan in Viet Nam will be piloted in Lao Cai province.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Biodiversity Conservation Corridor Initiative (BCI) Pilot Projects 	Pilot projects under BCI covering NSEC areas implemented.	Agriculture, Natural Resources and Environment Ministries of NSEC countries; local authorities of NSEC areas; WGE; EOC	2008-2012		Institutionalized the CEP-BCI and national support units in six GMS countries.	<p>CEP-BCI Phase I (2006-2012) completed. The follow on initiative, CEP Phase II (2012-2016) aims to improve biodiversity conservation and climate resilience across the GMS, based on four outputs: (i) improved environmental planning systems, methods, and safeguards; (ii) improved management of transboundary biodiversity landscapes (TBLs) and local livelihoods; (iii) development of climate-resilient and low-carbon strategies; and (iv) improved institutions and financing for sustainable environmental management.</p> <p>Ongoing Midterm Review of CEP is focusing on institutional, administrative, organizational, technical, environmental, social, economic, and financial aspects of the Program, based on the assumptions and risks included in the design and monitoring framework (DMF), and the associated results-based M&E system developed for CEP.</p>
<ul style="list-style-type: none"> Environmental Protection in Golden Quadrangle. 	Environmental protection measures in the Golden Quadrangle established and institutionalized.	Tourism, Natural Resources and Environment Ministries, and local authorities of Golden Quadrangle areas; WGE; EOC	2008-2012	Also aimed at protecting at risk groups like ethnic communities, women and children from the negative impact of tourism.	SEA of the Golden Quadrangle Tourism Sector is building on the tourism development planning framework developed by the GMS Tourism Working Group and a previous SEA of the north-south economic corridor strategy and action plan; SEA baseline completed, scoping finalized, and assessment phase ongoing.	<p>SEA in NSEC was completed in 2009 and that of the Golden Quadrangle in 2012.</p> <p>An Ecotourism Working Group has been established in Myanmar to oversee the development of the ecotourism policy and management strategy (EPMS), in line with the <i>Myanmar Tourism Master Plan 2013–2030</i>. As a member of this task force, CEP engaged consultants to assess ecotourism potential of 12 protected areas and contribute to preparation of EPMS (in collaboration with ICIMOD-lead partner), which will be launched at an international conference on ecotourism in Myanmar, May 2015.</p>

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Environmental Protection in Guangxi-Northern Viet Nam Borderlands Tourism Zone 	Environmental protection measures in Guangxi-Northern Viet Nam Borderlands Tourism Zone established and institutionalized.	National Tourism Organization of the PRC (through the Guangxi Tourism Administration) and the Viet Nam National Tourism Organization.	2008-2012	Proposed.	Initiative taken to replicate BCI approach in the transboundary area between Guangxi, PRC and Cao Bang, Viet Nam. Also initiated expanding BCI pilots in Yunnan, PRC.	Under CEP Phase II, PRC (in Guangxi and Yunnan) and Viet Nam are implementing activities on transboundary biodiversity conservation cooperation, biodiversity corridor establishment and conservation management, and community-based conservation to support local livelihoods.
Promotion of use of environmentally-friendly technologies and approaches in agriculture, industry and tourism in NSEC areas.	Environmentally-friendly technologies promoted in proposed industrial, agricultural and tourism projects in NSEC areas.	Agriculture, Industry and Tourism Ministries, and local authorities of NSEC countries; WGE; EOC	2008-2012	Proposed.	Ongoing efforts under the BCI include promoting participatory methods on conservation and developing livelihood opportunities to reduce forest dependency. PRC and Thailand mobilizing own budgets to finance BCI based activities.	Under CEP Phase II, a situational analysis to identify potential ecosystem-based products was conducted in PRC (Xishuangbanna) and Viet Nam. Four potential products were prioritized for value chain development in each country. An Ecotourism Working Group has been established in Myanmar where CEP is a member of the task force (see update above).
Promotion of renewable energy in NSEC areas.	Renewable energy (RE) projects packaged and implemented in NSEC areas.	Energy and agriculture ministries of NSEC countries	2008-2012		RE promotion activities to be undertaken under new TA to be supervised by GMS Subregional Energy Forum (SEF).	TA-7679-REG: Promoting Renewable Energy, Clean Fuels, and Energy Efficiency in GMS completed on 31 December 2014. A new regional TA project on GMS regional energy sector development will support RE project identification and implementation for GMS countries.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
1.2 Social Concerns HIV/AIDS Prevention and Control <ul style="list-style-type: none"> HIV/AIDS Vulnerability and Risk Reduction among Ethnic Minority Groups through Communications Strategies 	Radio dramas developed and broadcast in ethnic languages; effectiveness of HIV/AIDS communication strategies monitored and evaluated.	Ministry of Information and Culture (Lao PDR); Government Public Relations Office (Thailand); Yunnan People's Radio	2005-2008	Ongoing; project also covers Cambodia.	Completed.	Completed. Project adopted a regional approach to tackling HIV/AIDS vulnerability and risk among populations living in cross-border areas. It used communication strategies like radio dramas to increase awareness and knowledge about the risk of HIV/AIDS arising from human trafficking and drug abuse. It applied GIS information and mapping for planning purposes to illustrate areas of potentially high risk.
Communicable Disease Control <ul style="list-style-type: none"> Strengthening Malaria Control for Ethnic Minorities 	Affordable, acceptable and effective strategies developed for malaria control among ethnic communities; malaria control efforts in target populations scaled up.	Ministries of Health of NSEC countries; WHO Western Pacific Regional Office.	2005-2008	Ongoing; project covers all GMS countries.	GMS-wide project completed.	Completed. The project supported workshops on qualitative and quantitative data collection and analysis, training on social mobilization and communication for malaria prevention for village health workers and teachers, and the provision of basic malaria kits containing rapid diagnostic tests, artemisinin-based communication therapy, and communication materials in local languages.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> • Cross-Border Health Hazards Prevention and Monitoring System 	Monitoring system developed, established and sustained.	Ministries of Health of NSEC countries.	2003-2012	Continuing; covers all GMS countries.	<p>Phase I of Communicable Disease Control (CDC) Project covering Cambodia, Lao PDR and Viet Nam completed on 31 Dec. 2009. The project supported (i) strengthening of response capabilities to epidemics and disease outbreaks; (ii) improvement of coverage of prevention and care of selected communicable diseases in vulnerable populations; and (iii) improvement of knowhow, policies, standards and coordination among the 3 countries for communicable disease control.</p> <p>Phase II of CDC Project is on –going. Project approved on 22 Nov 2010, to close in June 2016. The project aims to improve regional public health security and reduce the burden of communicable diseases of regional importance in the 3 countries.</p>	Phase II of Communicable Disease Control Project ongoing with possibility of extension until 31 December 2016.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Preventing the Trafficking of Women and Children and Promoting Safe Migration in the GMS	Pilot program developed for NSEC; replication and scaling up strategy developed.	Labor, transport, tourism and planning ministries of NSEC countries.	2004-2008	Covers Lao PDR, Cambodia, Thailand and Viet Nam.	Ongoing; extended until June 2011, supported by ADB RETA 6448. Project covers all GMS countries plus South Asian countries. UNIAPs human trafficking sentinel surveillance will be expanded to contribute to the knowledge base in the GMS.	Completed. Project supported the Coordinated Mekong Ministerial Initiative Against Trafficking (COMMIT) process and the conduct of regional and country-level training on anti-trafficking interventions, as well as targeted research and community-based monitoring activities in Cambodia and the Northern provinces in Lao PDR to determine key factors that contribute to trafficking vulnerabilities.
Promotion of Road Safety	Reduced incidents of road traffic accidents in NSEC routes.	Transport ministries of NSEC countries.	2007-2012	Subset of a comprehensive Regional Road Safety Program covering all GMS countries and involving cooperation among the ADB, ASEAN and the PRC.	Ongoing.	TBD.

2. Strengthen physical infrastructure and facilities needed for NSEC development

Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
2.1 Transport Linkages: Improvement of land, water and air linkages in the three NSEC routes.	Initiation and completion of transport projects; reduction in cost and time of travel, and vehicle operating costs.	Transport Ministries of NSEC countries.		To be accompanied by programs for the maintenance of the NSEC transport network, including ports and bridges.		
Roads <u>Western Corridor</u> Mohei-Pu'er (Simao) Road	Completion of road upgrading.	Ministry of Communications, PRC.	2007-2010	To be upgraded from class 2 to expressway (65 km).	TBD.	Completed (to be confirmed).

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Xiaomengyang-Mohan Road	Completion of road upgrading.	Ministry of Communications, PRC.	2004-2008	Being upgraded from class 4 to class 2 road; reconstructed road to be 175 km.	Completed (to be confirmed).	Completed.
Boten-Houayxay Road	Completion of road upgrading.	Ministry of Public Works and Transport of Lao PDR	2003-2007	Upgrading of 228 km road to a combination of class 2 and class 3 standards together with social and environmental components; financed by ADB, PRC, Thailand and Lao PDR.	Completed (to be confirmed).	Completed.
Houayxay-Chiang Khong 4 th Mekong International Bridge	Completion of detailed engineering design; start of construction; completion of bridge project.	Ministry of Public Works and Transport of Lao PDR and Ministry of Transport of Thailand, Department of Highways, and Ministry of Communications, PRC.	2008-2011	Will replace the existing ferry service; cofinanced by the PRC and Thailand on a 50-50 basis; detailed design completed with a grant from Thailand.	Under construction. Target date of completion is 2013.	Completed. Inaugurated in December 2013.
Highway 1020: Chiang Khong-Chiang Rai	Completion of road upgrading.	Ministry of Transport of Thailand, Department of Highways.	2009-2011	Rehabilitation/widening in progress; further upgrading under the 10 th Development Plan, 2007-2011.	Sections 1 and 2 being widened to 4 lanes (Section 1, 51% complete; Section 2 26% complete).	Completed (to be confirmed).
<u>Central Corridor</u> Shilin-Mengzi Road	Completion of road upgrading.	Ministry of Communications, PRC.	2007-2010	Currently class 2 to be upgraded to expressway (183 km).	Completed (to be confirmed).	Completed.
Mengzi-Xinjie	Completion of road upgrading.	Ministry of Communications, International Department, PRC.	2004-2008	Being upgraded from class 3 & 4 to expressway (85 km).	Completed (to be confirmed).	Completed.
Xinjie-Hekou	Completion of road upgrading.	Ministry of Communications, International Department, PRC.	2005-2007	Being upgraded from class 3 & 4 to expressway (56 km).	Completed (to be confirmed).	Completed.
Second Bridge on the Red River Between Hekou and Lao Cai	Completion of bridge construction.	Ministry of Communications, PRC and Ministry of Transport, Viet Nam.	To be completed in 2008.	Ongoing.	Completed (to be confirmed).	Completed.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Lao Cai-Den Hung	Completion of road upgrading.	Ministry of Transport, Viet Nam.	2007-2010	Upgrading to 2 lanes (228 km).	Completed (to be confirmed).	Completed (to be confirmed).
Vinh Yen-Noi Bai/Ha Noi	Completion of road upgrading.	Ministry of Transport, Viet Nam.	2007-2010	Upgrading to 2 lanes under BOT scheme (32 km).	Completed (to be confirmed).	Completed (to be confirmed).
Ha Noi-Hai Phong	Commencement of construction; completion of road upgrading.	Ministry of Transport, Viet Nam.	2008-2012	Upgrading to expressway under BOT scheme (102 km).	Ongoing.	Completed.
Lao Cai-Noi Bai/Ha Noi Expressway	Completion of detailed engineering design; commencement of construction; completion of expressway.	Ministry of Transport, Viet Nam.	2007-2012	Upgrading of road to 4-lane expressway cutting distance from 400km to 260 km; ADB loan approved in Dec 2007.	Ongoing.	Completed; opened in September 2014.
<u>Eastern Corridor</u>						
Ha Noi-Lang Son	Approval of financing package; commencement of project preparation; commencement of construction.	Ministry of Transport, Viet Nam.	2010-2013	Construction of a new expressway from Ha Noi to Lang Son.	Detailed design is Ongoing.	Included in the RIF-IP pipeline; projected commencement in 2015 with estimated cost of \$1,400 million
Fangchenggang-Dongxing	Approval of financing; completion of expressway.	Ministry of Communications, PRC.	TBD	Upgrading to Class II up to the Viet Nam border completed in 2006. Further upgrading to an expressway a possible 12 th Plan project.	TBD.	TBD.
Ha Long-Mong Cai	Approval of financing; completion of expressway.	Ministry of Transport, Viet Nam.	2010-2013	To be financed by ADB (in 2010 indicative pipeline) and Viet Nam Gov't.	Consultants recommended delay until after 2015 when the Hanoi-Haiphong Expressway is completed.	Included in the RIF-IP pipeline; projected commencement in 2015.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Rail Transport						
<u>Central Corridor</u>						
Yen Vien-Lao Cai (285 km) Railway Upgrading	Completion of project; increase in freight and passenger capacity; reduction in cost and time of travel; rate of accidents reduced.	Ministry of Transport, Viet Nam.	2006-2011	With financial assistance from ADB and the French Government.	Ongoing.	Completed (to be confirmed).
Signaling and Telecommunications Improvement: Lao Cai-Yen Vian and Dong Dang-Ha Noi Lines	Completion of project; increase in freight capacity; rate of accidents reduced.	Ministry of Transport, Viet Nam.	2005-2009	Financed by the PRC.	Completed (to be confirmed).	Completed.
Ha Noi-Hai Phong Railway Upgrading	Approval of financing package; commencement of project implementation; completion of railway upgrading.	Ministry of Transport, Viet Nam.	2007-2012	Rehabilitation and double tracking; proposed for financing by Japan.	Ongoing.	Ongoing (to be confirmed)
Yuxi-Mengzi Railway Line	Completion of new railway line (142 km).	Ministry of Railways, PRC.	2005-2009	Ongoing. Part of 11 th Five Year Plan (2005-2010).	TBD.	TBD.
Ha Noi-Hai Phong Railway (standard gauge)	Source of financing identified and approved; upgrading completed.	Ministry of Transport, Viet Nam.	TBD.	Proposed.	Proposed.	Proposed.
<u>Western Corridor</u>						
Yuxi-Mohan Line	Completion of new railway line (599 km).	Ministry of Railways, PRC.	2005-2010	Project preparation under way. Part of 11 th Five Year Plan (2005- 2010).	TBD.	TBD.
Dali-Ruili Line	Completion of new railway line (336 km).	Ministry of Railways, PRC.	2005-2010	Feasibility study completed. Part of 11 th Five Year Plan (2005- 2010).	TBD.	TBD,
<u>Eastern Corridor</u>						
Ha Noi-Lang Son Railway (standard gauge)	Source of financing identified and approved; upgrading completed.	Ministry of Transport, Viet Nam.	TBD	Proposed.	Proposed.	Proposed.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Water Transport <u>Western Corridor</u> Chiang Saen, Kok/Mekong Rivers: Construction of 2 nd Port	Approval of financing package; commencement of construction and completion of 2 nd port.	Ministry of Transport, Thailand.	2008-2010	The environmental impact assessment has been approved; construction expected to commence in 2008 (Fiscal Year 2009).	Construction of second Chiang Saen port commenced in May 2009; expected to be completed in 2012.	Completed (to be confirmed).
Laem Chabang Phase 2: Construction of C and D Container Terminals	Approval of financing package; commencement of construction and completion of new container terminals.	Ministry of Transport, Thailand.	2008-2011	The C1 and C2 Terminals have been in operation since 2007; the D1, D2 and D3 Terminals will be completed by October 2011.	On schedule to be completed within 2011?	Completed (to be confirmed).
<u>Central Corridor</u> Study of Use of Red River for Subregional Transport	Terms of reference of study adopted; commencement and completion of study.	Concerned ministries and agencies in Viet Nam and PRC (Yunnan Province).	2008-2009	Proposed study to look into the feasibility of and requirements for using the Red River for subregional transport (similar to the role played by the Upper Lancang- Mekong River).	No action has been taken.	No action has been taken.
2.2 Telecommunications Telecommunications Backbone Project, Phase II: Ha Noi (Viet Nam)-Hekou (PRC) Section	Financing package approved; construction of the transmission network between Hekou and Ha Noi completed.	Telecom Agencies in the PRC and Viet Nam.	2007-2009	Financing being arranged.	Completed (to be confirmed).	Completed.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
2.3 Border Facilities Improvement of facilities at border checkpoints in the three NSEC routes.	Construction and/or improvement of buildings and facilities housing customs, immigration and quarantine officials commenced and completed; necessary ICT facilities and utilities made available.	Concerned ministries and agencies of NSEC countries; provincial authorities.	2007-2012	Facilities at some border crossing points are adequate but needs expansion and improvement to handle increasing volume of traffic.	Improvements have been made in most of the border checkpoints in the three NSEC routes.	Improvements have been made in most of the border checkpoints in the three NSEC routes.
<u>Western Corridor</u> Mohan-Boten Jinghong-Mongla Houayxay-Chiang Khong Tachilek-Mae Sai				Construction of new facilities in Houayxay-Chiang Khong to be synchronized with the construction of the 4 th Mekong International Bridge.	No change.	Improvements have been made in conjunction with the construction of the 4 th Mekong International Bridge.
<u>Central Corridor</u> Hekou-Lao Cai				Some improvements have already been made.	No change.	Further improvements have been made.
<u>Eastern Corridor</u> Youyiguan-Dong Dang				Facilities at Dong Dang adequate but becoming congested, thus requiring expansion.	No change.	Some improvements have been made.

3. Facilitate cross-border transport and trade

Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
3.1 Cross Border Transport Facilitation						
Implementation of key provisions of the CBTA in NSEC border checkpoints.	Simplified and harmonized clearing procedures at border checkpoints; reduction in time required for clearance.	Ministries of Transport, Finance, Trade, Health, CIQ and local authorities of NSEC countries; GMS Joint Committee for the CBTA.	2006-2012	ADB is providing support for the implementation of the CBTA in pilot border checkpoints.	A comprehensive program of action for transport and trade facilitation in the GMS is expected to commence in 2011.	Ongoing (approved:28 Oct 2014, closing:31 Dec 2016) is RETA 8748 Subproject 2 of Support for TTF in the GMS which will address the following issues: (i) expansion of traffic rights and traffic routes; (ii)modernization and streamlining of Customs procedures and border formalities; (iii)development of subregional trade logistics systems; (iv) improvement of GMS trade data and analysis; and (v) refinements of institutional framework for TTF.
<u>Western Corridor</u>						
Mohan-Boten		Concerned ministries and agencies of PRC and Lao PDR.	2008-2012	MOU under the CBTA to be negotiated by 2008.	Still to be negotiated.	TBD..
Houayxay-Chiang Khong Tachilek-Mae Sei		Concerned ministries and agencies of Lao PDR, Myanmar and Thailand.	2008-2012	Two sides to discuss (i) modality for single-stop and single-window inspection to be used; and (ii) commencement date.	Discussions covering the Houaxay- Chiang Khong border crossing are being conducted. No change for Tachileik-Mae Sae.	Discussions covering the Houaxay-Chiang Khong border crossing were in conjunction with the construction of the 4 th International Mekong Bridge. No action yet on Tachileik-Mae Sae.
<u>Central Corridor</u>						
Hekou-Lao Cai		Concerned ministries and agencies of PRC and Viet Nam.	2008-2012	MOU under CBTA signed on 20 Mar 2007, to be implemented on 30 Sep 2007, but delayed due to some border issues; PRC and Viet Nam to agree on a new commencement date.	No further development	TBD.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<u>Eastern Corridor</u>						
Youyiguan-Dong Dang	Transit charges (table of toll rates by vehicle class and transit route, both gross and net) specified and applied.	Concerned ministries and agencies of PRC and Viet Nam.	2008-2012	MOU for inclusion under the CBTA signed during 3 rd GMS Summit.	No further development.	TBD.
Specification of Applicable Transit Charges		Concerned ministries and agencies of NSEC countries.	2008-2012	Proposed. Transit trade through NSEC is still not substantial, but is expected to increase, especially when the ASEAN-PRC FTA is fully implemented.	No action has been taken.	No action has been taken.
3.2 Trade Facilitation						
Simplification and harmonization of CIQ regulations and procedures at border checkpoints, including the required documentation (to be undertaken in conjunction with transport facilitation under the CBTA).	Action plan for simplification and harmonization prepared and implemented; time required for CIQ clearances reduced; percent increase in cross border trade.	Trade/CIQ ministries and agencies of NSEC countries; local authorities in NSEC areas; GMS Joint Committee for the CBTA (Health, Immigration and Customs Subcommittees).	2008-2012	Includes measures being taken under the CBTA, SFA-TFI and ASEAN-FTA, including adoption of single-stop, single-window inspection.	A comprehensive program of action for transport and trade facilitation (TTF) in the GMS will commence in 2011.	Time-Release Studies by customs administrations were completed in Lao PDR, Thailand, Cambodia, Myanmar, and Viet Nam. Several countries are pursuing Customs reform and modernization programs, and automated clearance systems allow for cross-border. Computerized ASEAN Customs Transit System (ACTS) pilot being developed between Singapore, Malaysia and Thailand, with support from EU-ARISE and other ASEAN Member States (CLV) interested to join at an early stage.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
						Ongoing (approved:28 Oct 2014, closing:31 Dec 2016) is RETA 8748 Subproject 2 of Support for TTF in the GMS which will address the following issues: (i) expansion of traffic rights and traffic routes; (ii) modernization and streamlining of Customs procedures and border formalities; (iii) development of subregional trade logistics systems; (iv) improvement of GMS trade data and analysis; and (v) refinements of institutional framework for TTF. Thailand Cross-Border Transportation Act (2013) for Joint Inspections in Foreign Territories For the implementation of the SSI scheme under the GMS CBTA was passed on 28 March 2013. It legally permits Thai officials (who were previously not allowed) and their foreign counterparts to conduct joint inspections both inside and outside Thailand, thereby enabling the implementation of SSI through joint and simultaneous performance of duties of Thai and foreign officials in a CCA. The Act stipulates that the Transport Minister of Thailand, with the approval of the Cabinet, has the authority to identify suitable CCA locations within the country.
Setting up of common wholesale markets or distribution centers in major port/border areas to facilitate and support trading activities.	Plans for setting up wholesale markets or distribution centers prepared and implemented.	Local authorities in NSEC areas; private sector.	2008-2012	Proposed.	Distribution and collection centers have been established in some border areas.	No change.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Establishment of a system for the regular monitoring and reporting of cross-border trade in NSEC.	List of required data prepared; system for collection and compilation designed and put in place; initial or baseline data established.	Trade ministries and statistical agencies of NSEC countries.	2008-2012	Proposed.	Under consideration.	No further action has been taken.
Adoption of amicable and efficient arrangements for financial settlement covering cross border trade in NSEC.	Agreement among NSEC countries to consider modalities of financial settlement to facilitate cross border trade; negotiation, conclusion and implementation of bilateral payment agreements (BPAs).	Monetary authorities, Ministries of Trade and Finance of NSEC countries.	2008-2012	Proposed; could be pursued on a pilot basis (BPA between Thailand and Malaysia entered into in 2002 could be a model).	No action has been taken.	No action has been taken.

4. Promote and facilitate (i) investment in agriculture, agro-industry, manufacturing, logistics and tourism; and (ii) development of industrial clusters in NSEC

Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
4.1 NSEC-wide Investment Promotion and Facilitation						
Investment Promotion						
Conduct of NSEC investment forums within NSEC countries and road shows in major foreign business centers.	At least one investment forum or foreign mission conducted annually.	GMS BF; Industry and Trade Ministries, and Investment Ministries/ Agencies of NSEC countries; Chambers of Commerce and Industry of NSEC countries; local authorities.	2008-2012	Continuing. May be undertaken separately or together with GMS-wide investment forums or missions.	Being implemented.	Being implemented.
Organization of NSEC investment and trade fairs.	One investment and trade fair organized once every two years.	GMS BF; Industry and Trade Ministries of NSEC countries; Chambers of Commerce and Industry of NSEC countries; local authorities.	2008-2012	Continuing. May be undertaken separately or together with NSEC investment forums.	Being implemented.	To be conducted as part of the Kunming Trade Fair in conjunction with ECF-7 to be held in June 2015.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Streamlining of investment approval procedures in NSEC areas.	Diagnostic analysis of existing procedures and requirements completed; action plan for streamlining formulated, agreed to and implemented.	Industry ministries and investment agencies of NSEC countries; local authorities; GMS BF.	2008-2012	Proposed. Possible adoption of measures under the ASEAN Investment Area (AIA) to be looked into.	Being pursued by individual NSEC countries.	Being pursued by individual NSEC countries.
Business Information Compilation of baseline socio-economic profile of NSEC areas, including a data base on trade and investment in key sectors.	System for collection, compilation and dissemination of data designed and established; basic data on NSEC areas compiled, disseminated and updated.	Planning Ministries and Statistical Agencies of NSEC countries.	2008-2012	Proposed.	Partially done as part of the NSEC SAP preparation process.	No further work undertaken.
Compilation of applicable investment policies and regulations, including procedures for investment approvals in NSEC areas.	Compendium of investment policies and regulations in NSEC areas prepared, published and disseminated.	Industry ministries and investment agencies in NSEC countries; local authorities.	2008-2012	Proposed.	Still to be acted upon.	Still to be acted upon.
Preparation of a prospectus of business opportunities in NSEC areas.	Prospectus prepared, published and disseminated.	Industry, trade and tourism ministries and agencies in NSEC countries; Chambers of Commerce and Industry in NSEC areas; local authorities.	2008-2012	Proposed.	Still to be acted upon.	Still to be acted upon.
Preparation of an NSEC business directory, providing names and addresses of manufacturers, traders, tourist operators, and service providers in NSEC areas together with the products and services they offer.	Business directory compiled, published and disseminated.	Chambers of Commerce and Industry (CCIs) of NSEC countries; GMS Business Forum	2008-2012	Proposed. May be a subset of a GMS-wide business directory.	The GMS-BF has prepared a partial directory.	No further development.
Development of an NSEC website providing basic information on NSEC with hyperlinks to the GMS and GMS BF websites.	NSEC website design completed; NSEC website established and maintained.	GMS Secretariat	2008-2012	Proposed.	Information on NSEC has been included as a subset of the GMS website.	No further updates in the GMS website.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
4.2 Promotion of Investment in Priority Sectors						
Manufacturing						
Preparation of prospectus on business opportunities in manufacturing in NSEC areas.	Business opportunities in manufacturing identified and compiled; prospectus published and disseminated.	Industry ministries and agencies of NSEC countries; local authorities; CCLs of NSEC countries.	2008-2012	Proposed. To be a subset of an NSEC-wide prospectus of business opportunities.	Not yet implemented.	Not yet implemented.
Implementation of promotional measures and policy support for small and medium scale enterprises (SMEs) in NSEC areas (e.g., in technology, management, financing, marketing, linking up with production and supply chains).	Promotional measures and policy support programs identified, formulated and implemented.	Industry ministries and agencies of NSEC countries; local authorities; CCLs of NSEC countries; GMS BF.	2008-2012	Proposed. SME support could combine GMS wide support with NSEC-specific support, taking into account unique characteristics of NSEC areas.	Not yet implemented.	Individual countries are providing support for the development of SMEs.
Logistics						
Development of inland container freight depots or logistics hubs in strategic locations in NSEC.	Plans for inland container freight depots or logistics hubs developed; inland container depots or logistics hubs in strategic locations in NSEC established.	Transport ministries of NSEC countries; local authorities; private sector.	2008-2012	Proposed. Proposals include an inland container depot in Lao Cai and making Chiang Rai a logistics hub. A logistics depot or center may be needed in the Lao component of NSEC.	Construction of Chiang Saen II port commenced in May 2009; expected to be completed by 2012.	Construction of Chiang Saen II port completed (to be confirmed).
Establishment of a logistics information platform.	Prospectus indicating business opportunities in the logistics industry in NSEC countries, including related policies and programs for its development prepared and disseminated.	GMS BF in coordination with concerned ministries and agencies in NSEC countries.	2008-2012	Proposed. Maybe co-sponsored by the proposed association of logistics service providers.	Still to be acted upon. Waiting for FRET to be established.	Not yet implemented.
Conduct of seminars and forums on logistics industry development in NSEC.	At least one seminar or forum on logistics industry development in NSEC countries conducted annually.	GMS BF in coordination with concerned ministries and agencies in NSEC countries.	2008-2012	Proposed. Related measures being taken under the CBTA and SFA-TFI to be taken into account.	A logistics symposium was held in conjunction with the Kunming Trade Fair in 2009. The SEC and NSEC Symposia had logistics as a major item in their agenda.	Various seminars and workshops on logistics development in GMS countries have been conducted.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Review of policies affecting investments in the logistics industry in NSEC countries.	Review of policies affecting investments in the logistics industry completed; recommendations adopted and implemented.	Transport and industry ministries, and investment ministries/agencies of NSEC countries; GMS BF.	2008-2012	Proposed.	Being pursued by individual NSEC countries.	Being pursued by individual NSEC countries.
Organization of an association of logistics service providers in NSEC countries.	Terms of reference of association drafted; organizational meeting held; association activities initiated.	Logistics companies in NSEC countries; GMS BF.	2008-2012	Proposed.	The plan to establish a GMS Freight and Transport Association (FRETA) is being pursued. FRETA's constitution and other legal documents have been drafted and the Association is expected to be established within 2011.	FRETA was registered as an NGO in Aug 2012 and hosted its first General Annual Meeting on 31 Oct 2012. The GMS FRETA office was established in Vientiane, Lao PDR.
Preparation of a business plan for logistics development in NSEC.	Terms of reference of business plan prepared; business plan formulated, adopted and promoted.	Logistics companies in NSEC countries; GMS BF.	2008-2012	Proposed. Maybe undertaken by the proposed association of logistics service providers.	Waiting for the establishment of FRETA.	No further developments.
Tourism <u>Western Corridor</u> Development of tourist sites in the Lao PDR component of the corridor.	Development and management plans prepared; construction of access roads and other support facilities (e.g., parking lots, ticket booths, walking trails) completed; managers trained and sites promoted.	Tourism and transport ministries and tourism marketing agencies of Lao PDR.	2003-2007	Part of Boten-Houayxay Road Improvement Project.	Mekong Tourism Development Project completed. Sustainable Tourism Development Project I ongoing.	Sustainable Tourism Development Project successfully completed in Lao PDR. Luang Namtha: Improvements to Night Market in Luang Namtha Town, Nam Dee Waterfall, Rest Area in Dornxai Village, renovation to Fort Carnot. Marketing and product development support for private sector-led tourism development
Development of the tourism potential of NSEC's Golden Quadrangle Area	Destination planning conducted; tourism-related infrastructure installed and/or upgraded; tourism management improved; increase in number of visitors to Area.	Tourism ministries and marketing agencies of the PRC, Myanmar, Lao PDR and Thailand; private sector tourist associations and operators.	2008-2012	Part of ADB-supported GMS Sustainable Tourism Development Project for approval in 2008; includes pilot project for development of tourism in Lao PDR component of NSEC.	Sustainable Tourism Development Project I ongoing.	Sustainable Tourism Development Project successfully completed in Lao PDR. See above

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<u>Central Corridor</u>						
Red River Valley Tourism Zone Development	Terms of reference of development plan formulated; development plan prepared, adopted and implemented.	Tourism agencies of Yunnan Province and Viet Nam; private sector tourist association and operators.	2008-2012	Proposed. Covers management, capacity building and infrastructure development.	Still to be acted upon.	No change.
<u>Eastern Corridor</u>						
Guangxi-Northern Viet Nam Borderlands Tourism Zone Development	Destination planning conducted; tourism-related infrastructure installed and/or upgraded; tourism management improved.	Tourism agencies of Guangxi and Viet Nam; private sector tourist associations and operators.	2008-2012	Proposed in the GMS Tourism Sector Strategy; Guangxi-Viet Nam coastal tourism circuit (e.g., Silver Beach in Guangxi and Ha Long Bay in Viet Nam) could also be promoted.	Still to be acted upon.	Improvements to Detian (PRC) Ban Gioc (Viet Nam) cross-border waterfall underway. Included as major investment project under the GMS RIF. Destination development and marketing plan prepared for Ha Long Bay.
<u>All NSEC Routes</u>						
Joint tourism promotion and marketing program focusing on NSEC tourist destinations	Joint promotion and marketing program formulated and implemented; number of visitors to NSEC destinations.	Tourism ministries and marketing agencies of NSEC countries; private sector tourist associations and operators.	2008-2012	Proposed.	Ongoing; covered under the Explore Mekong Campaign and Visit GMS Years campaign.	Ongoing. Joint tourism promotion and marketing efforts are continuing under the auspices of the Tourism Working Group and initiatives of the Mekong Tourism Coordinating Office (MTCO). New GMS Tourism Marketing Strategy, supported by ADB, will be approved by GMS Tourism Working Group in June 2015.
• Development of integrated promotion and marketing materials for NSEC tourist destinations.	Integrated marketing materials on NSEC tourist destinations prepared and published; presentation of NSEC tourist destinations in international tourism events.	Tourism ministries and marketing agencies of NSEC countries; private sector tourist associations and operators.	2008-2012	Proposed.	Same as above. Promotional materials on Tea Caravan Trail launched.	Ongoing. Joint tourism promotion and marketing efforts are continuing under the auspices of the Tourism Working Group and initiatives of the Mekong Tourism Coordinating Office (MTCO).

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
• Preparation of promotion materials and conduct of joint campaigns to promote overland tours in NSEC.	Overland tours in NSEC packaged and promoted.	Tourism ministries and marketing agencies of NSEC countries; private sector tourist associations and operators.	2008-2012	Proposed.	Joint NSEC overland tour campaign forthcoming. Also, MTCO regularly arranges familiarization tours for media representatives.	Ongoing. Joint tourism promotion and marketing efforts are continuing under the auspices of the Tourism Working Group and initiatives of the Mekong Tourism Coordinating Office (MTCO).
Promotion of investments to improve existing and develop new tourist destinations and facilities in NSEC areas, including hotels, rest areas and tourism information centers.	Tourism facilities and services upgraded and/or developed.	Tourism ministries and marketing agencies of NSEC countries; private sector tourist associations and operators.	2008-2012	Proposed.	Ongoing; supported by Sustainable Tourism Development Project I. MTCO in process of listing investment fact sheets in their website.	Sustainable Tourism Development Project completed. MTCO in process of listing investment fact sheets in their website. Tourism Infrastructure for Inclusive Growth Project approved in 2014 and ongoing.
Construction and/or improvement of access roads to major tourist destinations in NSEC areas.	Access roads needed to be improved or constructed identified; program for access road upgrading and/or construction prepared and implemented.	Transport and tourism ministries of NSEC countries.	2008-2012	Proposed. To be coordinated with road projects under section 1.1.1 above.	Being considered in proposed transport projects.	Sustainable Tourism Development Project completed. Tourism Infrastructure for Inclusive Growth Project ongoing, with road upgrades in Oudomxay and Luang Prabang, Lao PDR
Compendium of information covering various aspects of tourism development in NSEC areas, including major tourist destinations, tourism-related policies, regulations and programs, business opportunities, tourist associations.	Compendium of tourism-related information on NSEC areas prepared and disseminated in print and electronic media.	Tourism ministries and marketing agencies of NSEC countries; private sector tourist associations and operators.	2008-2012	Proposed.	Ongoing, MTCO has produced a GMS Travel Map containing comprehensive notes with cultural and historical information. Mekong Tourism Forum (revived in 2010) continues to highlight latest tourism developments and investment opportunities along 3 GMS economic corridors.	GMS Travel Map completed. Annual Mekong Tourism Forum continuing. ADB supporting technical assistance to help strengthen MTCO and update the Explore Mekong Marketing Strategy to promote multi-country visits in the GMS.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Establishment of Special Economic Zones (SEZs) and Promotion of Industrial Clusters						
Establishment of SEZs (e.g., industrial estates, export processing zones) in border areas.	Plan for establishing SEZs prepared (including site, area, investment projects to be promoted, marketing); SEZs in border areas established.	Planning, Industry, Finance, Trade and Investment ministries and agencies of NSEC countries; local authorities; private sector.	2008-2012	Proposed sites include Chiang Rai; Chiang Saen; Lao Cai; Louang Namtha and/or Bokeo; and Pingxiang-Dong Dang.		Urban Development Strategic Framework prepared to assist in the planning and establishment of SEZs and the development of urban centers along the economic corridors.
• Pilot joint cross-border economic zone between Pingxiang (PRC) and Dong Dang (Viet Nam).	Plans for establishing and operating the economic zone prepared, including: institutional structure; regulatory framework; operational procedures; integrated management information system (MIS). Zone established.	Industry, finance, trade and investment ministries and agencies of the PRC and Viet Nam; local authorities.	2008-2012	Proposed. In the PRC, establishment of the zone which is part of the Beibu Gulf Development Program was approved by State Council in Jan '08; infra development for the zone has started.	A RETA is being implemented to support the establishment of CEBZs between the PRC and Viet Nam on a pilot basis.	Studies completed. Pilot project not yet implemented.
Promotion of linkages and coordination among existing and planned SEZs along NSEC.	Coordination meetings held; cooperation programs established; harmonization of policies and procedures initiated.	Industry, finance, trade and investment ministries and agencies of NSEC countries; local authorities; SEZ administrators in NSEC areas; GMS BF; CCLs of NSEC countries.	2008-2010	Proposed.	No action has been taken.	No action has been taken, but partly addressed in the Urban Development Strategic Framework.
Promotion of industrial clusters along NSEC (e.g., agro-industrial zones in selected agricultural centers in NSEC involving linkages in production, processing and marketing).	Study of feasibility of establishing clusters in specific industries conducted (e.g., agro-industry covering specific products like rubber and sugar, construction materials, wood and mineral products); at least one industrial cluster established.	Industry, trade and investment ministries and agencies of NSEC countries; local authorities; GMS BF; CCLs of NSEC countries.			The Board of Investment of Thailand has been requested to present a model linking SMEs to large enterprises in an industrial cluster.	Included in the Regional Investment Framework Implementation Plan for 2014-2018 is a proposed investment project on "Climate-Friendly Agri-Business Value Chains in the GMS" which will focus on the creation of Agribusiness Centers (ABCs) near GMS corridor towns and rural growth clusters to effectively link farming communities and urban centers along the corridors by developing upstream and downstream linkages.

5. Address human resource constraints to NSEC development in both the public and private sectors

Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
5.1 Public Sector						
Conduct of seminars for concerned national and local officials on the strategy and action plan (SAP) for NSEC development.	At least one seminar conducted annually.	SOM; GMS National Coordinators; GMS Secretariat.	2008-2012	Proposed. May be included as a subject in seminars under the Phnom Penh Plan for Development (PPP).	The SAP for NSEC was discussed in ECF-2 in September 2009 and again in the NSEC symposium in May 2011.	No further discussion on the SAP for NSEC has been conducted.
Conduct of seminars and training programs for national and local officials at border provinces responsible for implementing measures for facilitating cross-border trade, transport and investment.	At least one seminar and two training programs conducted annually; number of officials trained.	Transport, trade and industry ministries of NSEC countries; STF; TFWG; SIWG.	2008-2012	Proposed. To be conducted in conjunction with CBTA and SFA -TFI implementation. Inclusion of subject in PPP seminars could be considered.	A comprehensive program of action for transport and trade facilitation (TTF) in the GMS, including capacity building activities, will commence in 2011.	This has been superseded by the RETA on trade and transport facilitation. See entries for transport and trade facilitation.
Conduct of capacity building program for local communities that have potential tourism assets under their stewardship.	Capacity building program designed and implemented.	Tourism ministries and agencies of NSEC countries; TWG.	2008-2012	Proposed.	Under consideration.	Completed Sustainable Tourism Development Project supported model development projects that protect natural, cultural, and urban heritage sites of importance to tourism, as well as pro-poor community-based and supply-chain tourism projects and community-operated facilities along the GMS economic corridors, as well as capacity development of public and private tourism stakeholders.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
5.2 Private Sector						
<p>Conduct of training programs in the following areas:</p> <ul style="list-style-type: none"> • Basic skills competencies; • Basic tourism skills; • Agro-industrial management, including marketing; and • SME management and financing. 	Basic needs assessment and review of existing programs in NSEC areas completed; training programs formulated and implemented (number of training programs conducted and trainees).	Labor and education ministries, and training institutes of NSEC countries; CCLs of NSEC countries.	2008-2012	Proposed.	Being pursued by individual NSEC countries.	Being pursued by individual NSEC countries.
Initiation of a program of cooperation among vocational training institutes in NSEC areas, including conduct of exchange programs.	Network of training institutes and centers in NSEC areas identified and established; program of cooperation formulated and implemented.	Training institutes in NSEC areas; HRD agencies in NSEC countries; GMS WGHRD.	2008-2012	Proposed.	Network of academic and training institutions have been established by Khon Khaen University, Mekong Institute and the Phnom Penh Plan for Development Management.	Continuing

6. Enhance institutional mechanisms for implementing NSEC initiatives and expanding public-private partnership for NSEC development

Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/ Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
6.1 Institutional Arrangements and Mechanisms for NSEC Development						
Establishment of institutional arrangements and mechanisms to ensure coordinated, effective and timely implementation of programs and projects contained in the NSEC strategy and action Plan.	Approval/adoption of proposed institutional arrangements and mechanisms for implementing the NSEC strategy and action plan; establishment of proposed institutional arrangements and mechanisms for implementing the NSEC strategy and action plan.	GMS Ministers and Senior Officials (SOM); GMS National Coordinators	2008	GMS countries agreed to establish an Economic Corridors Forum (ECF) whose inaugural meeting was held in Kunming, Yunnan Province, PRC on 6 June 2008.	ECF-2 was held in Cambodia in September 2009 and several follow-up activities leading to ECF-3 have been conducted, including corridor-specific symposia.	ECF-6 considered measures to strengthen the role of ECF in promoting GMS economic corridor development. ECF-7 will revisit the implementation of the SAP for NSEC, EWEC and SEC.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/ Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Conduct of capacity and institution building programs, especially for local NSEC institutions (e.g., provincial/local governments, provincial CCI).	Capacity building activities for NSEC institutions conducted.	SOM; GMS National Coordinators	2008-2012	Proposed. Need to be complemented by efforts to allocate greater resources for the development of border areas and empowerment of local governments to decide on investment programs in their respective areas.	Under consideration.	Training of local institutions and officials being conducted by some NSEC countries.
Institution of consultative mechanisms for the participation of local governments and other stakeholders in NSEC development process.	Consultative mechanisms established; participation of local governments and stakeholders in NSEC development activities institutionalized.	SOM; GMS National Coordinators	2008-2012	Proposed.	In-country and corridor-specific mechanisms for coordination among provinces, central government agencies and the private sector are being considered.	In-country and corridor-specific mechanisms for coordination among provinces, central government agencies and the private sector are being pursued.
Establishment of a network of research institutions in NSEC areas to conduct supporting studies for NSEC development.	Network of institutions in NSEC areas established; collaborative research initiated.	SOM; GMS National Coordinators	2008-2012		Network of academic and training institutes established by Khon Kaen University, Mekong Institute and the Phnom Penh Plan for Development.	Continuing.
6.2 Private Sector Participation; Public-Private Sector Collaboration						
Organization of an NSEC grouping in the GMS BF.	NSEC grouping within the GMS BF organized, actively promoting and advocating NSEC development, and representing NSEC interests in GMS meetings and conferences.	GMS BF; national and provincial CCI of NSEC countries.	2008-2012	Proposed to be organized in 2008; may be composed mainly of the provincial CCI of NSEC's border provinces.	Still to be organized.	No corridor-specific grouping has been organized in GMS BF.
Initiation of mechanisms for interaction, exchange of information and coordination between the public and private sectors on NSEC issues and concerns.	Mechanisms for exchange of information and dialogue between the public and private sectors in NSEC areas, formally and informally, established and enhanced.	GMS BF; SOM and GMS forums and working groups	2008-2012	Proposed. Conduct of a semi-annual NSEC public-private sector dialogue is an example.	ECF mechanism is being used as means of exchange of information and coordination. Informal dialogue being pursued.	ECF mechanism is being used as means of exchange of information and coordination. Informal dialogue being pursued.

Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/ Bodies	Time-frame/ Target Date	Status/Remarks As of June 2008	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Promotion of increased private sector participation in the development of transport and other infrastructure in the NSEC areas.	Increase in the number of transport and other infrastructure projects undertaken by the private sector through various arrangements such as BOT and similar schemes.	Infrastructure ministries of NSEC countries; GMS BF	2008-2012	Ongoing under GMS-wide program.	Being promoted by individual NSEC countries.	GMS wide promotion of private participation in investment in infrastructure projects in the GMS being pursued. This is also being promoted by individual NSEC countries.
Provision of information on a continuing basis to the private sector on possible sources of financing for commercial and infrastructure projects, including the terms and conditions, and procedures and requirements for availing of such financing.	Information on possible funding sources for commercial and infrastructure projects in NSEC areas disseminated to the private sector.	GMS BF; SOM; National Coordinators	2008-2012	Ongoing under GMS-wide program; conduct of seminars involving major sources of finance and potential investors in NSEC areas may be conducted.	Seminars held to disseminate information.	Seminars held to disseminate information.

III. Action Plan for Southern Economic Corridor (SEC) Development

1. Strengthen infrastructure and connectivity

Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
1.1 Transport Roads <u>Central Sub-Corridor</u>						
<ul style="list-style-type: none"> Improvement of Phnom Penh-Neak Loueng Road and Construction of Mekong Bridge at Neak Loueng 	Percent completion of road upgrading and bridge construction.	Ministry of Public Works and Transport, Cambodia	2006-2010 (Road) 2010-2013 (Bridge)	Road upgrading 92.6% completed. Detailed design of the bridge under review. Funding from Japanese Government being discussed.	Construction of 2 bridges of NR1 and reconstruction of 42 km of NR1 from Neak Loeung to PK13 (stages 1&2) completed. Reconstruction of 13km section to Phnom Penh (stage 3) 75% completed, to be completed in 2013. Construction of Mekong bridge at Neak Loeung started in 2010, to be completed in 2014.	Completed; bridge inaugurated in April 2015.
<ul style="list-style-type: none"> Bien-Hoa-Vung Tau Expressway 	Percent completion of expressway.	Ministry of Transport, Viet Nam; Private sector through BOT scheme.	TBD.	Government of Viet Nam is seeking potential investors.	First phase of the project proposal has been completed by a domestic private corporation and will be submitted to MOT for approval.	Under consideration (to be confirmed).

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<u>Northern Sub-Corridor</u>						
<ul style="list-style-type: none"> Rehabilitation of the Siem Reap-Preah Vihear-Stung Treng Section (Road No. 66). 	Percent completion of rehabilitation works.	Ministry of Public Works and Transport, Cambodia.	2009-2011.	Funding being sought.	National Roads (NR) 5 and 6 completed: rehabilitation of NR 64 and NR 78 (Stung Treng-Ban Lung) on going. Rehabilitation of Ban Lung-Kampa Cha section completed. Funding for further improvement being sought.	<p>Rehabilitation of Siem Reap-Preah Vihear (NR64) (112 km DBST) completed in 2011 with World Bank, private sector, Royal Government of Cambodia, and PRC financing.</p> <p>Rehabilitation of NR9 (from Preah Vihear - Stung Treng) (143 km DBST) completed 16 March 2015 with PRC loan.</p>
<ul style="list-style-type: none"> Improvement of the Stung Treng-Rattanakiri Section (Road No. 66). 	Percent completion of road improvement.	Ministry of Public Works and Transport, Cambodia	2008-2010	On-going with funding from the Cambodian and Vietnamese Governments.	Being improved with funding from the PRC; expected to be completed in 2011.	<p>Improvement of NR78-1 O'pornng Moan at Stung Treng-Rattanakiri Town (121 km DBST) completed in 2012 with PRC loan.</p> <p>Improvement of NR78-2 Rattanakiri Town-O'yadav (Cambodia-Viet Nam border) (70 km AC) completed in 2010 with Viet Nam loan.</p>
<ul style="list-style-type: none"> Upgrading of 250 km of class iv to class iii road from Cambodian-Vietnamese border to Quy Nhon. 	Percent completion of upgrading.	Ministry of Transport, Viet Nam	TBD	Proposed.	No change.	Still at the proposal stage. May be partly addressed through an ADB project being prepared to assist in the development of the Cambodia-Laos-Viet Nam Development Triangle Area.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<u>Southern Coastal Sub-Corridor</u>						
<ul style="list-style-type: none"> Rehabilitation of 15 km of Road No. 33 in Cambodia to border with Viet Nam; and 93.6 km of national highways 80 and 63, including construction of two bridges across Cai Be and Cai Lon Rivers (Phase I). 	Percent completion of rehabilitation works and bridge construction.	Ministry of Public Works and Transport, Cambodia; Ministry of Transport, Viet Nam.	2009-2012 (Cambodia) 2009-2014 (Viet Nam)	On-going with financial assistance from ADB (\$82m), Australia (\$33.5m) and Republic of Korea (\$50m)	Bidding and selection of consultants for DS and SP for Cambodia component on-going. Maintenance of 51km NR33 (Kampot-Kompong Trach) and rehabilitation of 17km of NR33 (Kompong Trach-Prek Chak to start in 2011. Upgrading of border post and facilities at Prek Chak-Lok (Cambodia-Viet Nam) to start in 2011; no progress in upgrading of border facilities in Cham Yeam (Cambodia-Thailand). Civil works for ADB and AusAID-financed components in January 2011.	Completed in 2014 all infrastructure in Cambodia, including the cross border facilities(CBF) at Lork-Ha Tien (formerly Prek Chak)
<ul style="list-style-type: none"> Extension of the Viet Nam section under Phase I to Ca Mau City, Nam Can and Ca Mau Cape (Phase II). 	Percent completion of rehabilitation works.	Ministry of Transport, Viet Nam	TBD.	Included in ADB indicative pipeline for 2009-2011 (\$100m); cofinancing (\$30m) being sought. Listed in the Vientiane Plan of Action (VPOA) as "Southern Coastal Corridor, Phase II.)	Rehabilitation of the section from Ha Tien to Ca Mau City on-going.	Ongoing, nearing completion.
<ul style="list-style-type: none"> Upgrading of Thailand section of the Sub-Corridor from 2-lane to 4-lane divided highway standard. 	Percent completion of upgrading.	Ministry of Transport, Thailand.	TBD.	With financial assistance from ADB; loan of \$110 million included in 2009 pipeline covering sections of SEC and EWEC. "GMS Highway Expansion Project" in the VPOA.	Section 1 being widened to 4 lanes, 67% completed. Section 2 being widened to 4 lanes, 20% completed.	Completed within 2011.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Rail						
<ul style="list-style-type: none"> Rehabilitation of the railway in Cambodia (600 km for rehabilitation; 48 km for reconstruction). 	Percent completion of rehabilitation/ reconstruction of line; achievement of mainline speed of at least 50 km/ hour.	Ministry of Public Works and Transport, Cambodia	2008-2010	With financial assistance from ADB (\$42m), OFID (\$13m), and Government of Malaysia (\$2.76m).	Southern Line (266km) to be completed within 945 days from Dec 2010; Northern Line to be completed within 884 days from Dec 2010. <u>Poipet-Sisophon section</u> (48km): mine clearing completed; site clearing work is on-going up to PK379+100; center line survey up to PK365+100 completed. <u>Sisophon-Phnom Penh section</u> : detailed survey for resettlement completed. <u>Phnom Penh-Sihanoukville section</u> : resettlement of affected people completed; section from Phnom Penh to Toukmeas (110.6km) completed in Sep 2010; section from Toukmeas to Sihanoukville to be completed in May 2011. Concession agreement with TOLL Holdings Ltd. was signed in June 2009 and became effective in October of the same year.	The Southern Line was completed and opened for commercial traffic in December 2012.
<ul style="list-style-type: none"> Construction of railway line from (i) Phnom Penh to Viet Nam border at Loc Ninh (254km); and (ii) Loc Ninh to Ho Chi Minh City (129 km). 	Completion of feasibility studies for the 2 sections of the line; negotiation/ finalization of financing arrangements; commencement of construction.	Ministry of Public Works and Transport, Cambodia; Ministry of Transport, Viet Nam	TBD	PRC is financing feasibility study for Cambodia section; pre-feasibility study for Viet Nam section completed with estimated cost of \$75m.	F/S for the Loc Ninh-HCMC section was completed in 2005 and revised in 2009. Agreement between Cambodia and Viet Nam on Railway Connection Point came into force in Nov 2008. Construction will start in 2012.	F/S for Cambodia section was completed in 2008; awaiting F/S to update project information. The project is included in the GMS RIF transport pipeline for both Cambodia and Viet Nam.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Water Transport						
<ul style="list-style-type: none"> Channel, navigation and port improvements on the Mekong and for access to the port in Siem Reap; development of intermodal terminal at Khone falls. 	Delineation of project scope; conduct of pre-feasibility/feasibility study; finalization of financing arrangements; commencement of civil works.	Ministry of Public Works and Transport, Cambodia	2009-2011	Proposed.	MRC seeking financing. Private sector has been invited to improve access to the port in Siem Reap.	TBD.
<ul style="list-style-type: none"> Vung Tau port rehabilitation 	Completion of rehabilitation works.	Ministry of Transport, Viet Nam	2009	On-going, with JBIC financing.	TBD.	TBD.
<ul style="list-style-type: none"> Laem Chabang, Phase 2, Construction of C and D Container Terminals 	Completion of construction of C and D terminals.	Ministry of Transport, Thailand	2006-2011	Proposed. Funding from the Government of Thailand.	TBD.	Laem Chabang Phases 1 and 2 (Basin I and Basin II) are already operational. Phase 3 (Basin III), which will increase the capacity of the port from the current 10-11 TEUs to 18 TEUs, is included in Thailand's RIF Implementation Plan (2014-2018).
Air Transport						
<ul style="list-style-type: none"> Upgrading and extension of Sihanoukville Airport 	Completion of upgrading and extension.	Ministry of Public Works and Transport, Cambodia	Target completion date is 2009.	Proposed.	TBD.	TBD.
<ul style="list-style-type: none"> Upgrading of Rattanakiri and Stung Treng airports in Cambodia. 	Completion of airport upgrading.	Ministry of Public Works and Transport, Cambodia	2009	Part of ADB-assisted Mekong Tourism Development Project.	TBD.	TBD.
1.2 Power						
<ul style="list-style-type: none"> Transmission Line: 220 kv link between Kampot and Sihanoukville 	Installation of transmission line.	Electric Du Cambodge (EDC)	2010	On-going with financing from ADB (\$20m), and JBIC (\$22.3 million).	To be completed in 2012.	<p>Construction of 82 km of high-voltage 230 kV double-circuit transmission line from Kampot to Sihanoukville (financed under JICA loan) was completed in February 2013.</p> <p>Under the ADB- financed components, the 230 kV Stung Hav Substation and the 115 kV Sihanoukville substation were completed and have been operational since March 2013 and June 2014, respectively.</p>

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Transmission Line: 115 kv line from Tay Ninh in Viet Nam to Kompongcham and Kratie in Cambodia, including two 115 kv power stations. 	Installation of transmission line and construction of the power stations.	EDC, Cambodia; Electricity of Viet Nam (EVN)	TBD.	Possible World Bank (IDA) financing together with EDC.	The 68 km, 110 kV Kompongcham-Viet Nam line, with 3 substations (WB financed) completed in 2010; the 110 km, 230 kV line Kompongcham-Kratie (CAM), financed by Viet Nam to be completed.	115 kv Tai Ninh, Viet Nam to Komongcham, Cambodia, funded by World Bank was completed in 2011 (<i>to be confirmed</i>).
<ul style="list-style-type: none"> Transmission Line: 115 kv line from Ban Hat in Lao PDR to Stung Treng in Cambodia. 	Installation of transmission line.	EDC, Cambodia; EDL (Lao PDR)	TBD.	Possible World Bank (IDA) financing with EDC and EDL.	On going, with financing from IDA, EDC and EDL; to be completed in 2012. Cambodia, Lao PDR and Viet Nam agreed to look into project plan and FS of this line extending to Tay Hinh (VIE).	WB's involvement in Ban Hat, Lao PDR to Stung Treng, Cambodia was cancelled and the interconnection is now being considered for ADB financing.
<ul style="list-style-type: none"> Feasibility study and construction of Nhon Trach 4 Combined Cycle Power Project (720MW) 	Completion of feasibility study; finalization of financial package; commencement of construction.	EVN	2013-2015	Proposed. Financing being sought	Petro Viet Nam has obtained financing for this project and it will be commissioned in 2014.	TBD.
<ul style="list-style-type: none"> Sre Pok II Hydropower Project (200MW), including 220 kv transmission line to Stung Treng and Vietnamese border where it interconnects with Vietnamese grid. 	Completion of feasibility study; finalization of financial package; commencement of construction.	Ministry of Industry, Energy and Mines (MIME) and EDC, Cambodia	Target date for commissioning of hydropower plant is 2017.	Proposed. Financing being sought.	<p>Financing on the Cambodian side is being firmed up. The financier is a local mobile phone operator, while on Viet Nam side EVN is still looking for financing. The Company is a joint venture between Cambodia and Viet Nam.</p> <p>Stung Treng (CAM)- Kratie is being financed by the Indian Government on grant basis. This 230kV transmission line is being planned for commissioning in 2014.</p>	TBD.

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Measures/ Programs/Projects	Progress/Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
1.3 Telecommunications						
<ul style="list-style-type: none"> GMS Information Superhighway Network (ISN) Phase 2, Thailand-Cambodia component: expansion of fiber optic network at Aranyaprathet-Poipet border checkpoint from 12 to 24 core. 	Completion of upgrading of fiber network .	Communications ministries in Thailand and Cambodia.	2009-2010	Project is on-going. There is existing interconnection between Telecoms Cambodia (TC) and Telecoms of Thailand (TOT) using STM-1. Upgrading to SDH/STM-16 to be undertaken soon upon completion of technical survey at Poipet station.	TBD.	TBD.
1.4 Border Facilities						
Central Sub-Corridor						
<ul style="list-style-type: none"> Expansion and improvement of border facilities in Aranyaprathet-Poipet between Cambodia and Thailand and Bavet-Moc Bai between Cambodia and Viet Nam. 	Construction and/or improvement of local roads and bridges, drainage, flood control, water and sanitation facilities, public markets, bus terminals, and other logistics support facilities completed.	Concerned ministries/ agencies and provincial authorities in Cambodia, Thailand and Viet Nam.	2011 (project approval); Implementation period tbd.	To be implemented under the proposed GMS Corridor Towns Development Project which is in the ADB loan pipeline for 2011	Rehabilitation of Poipet and Bavet cross-border facilities (CBF) completed. Rehabilitation of Lork and Koh Kong CBF's on-going. Further improvement under the proposed ADB loan.	GMS Southern Economic Corridor Towns Devt Project (Cambodia) approved 10 Dec 2012, closing: 30 Jun 2019. Project will transform the corridor towns of Battambang, Bavet, Neak Loeng, and Poipet in Cambodia into economic hubs by improving urban-environmental infrastructure and strengthening institutional capacities of provincial and local authorities.
Inter-Corridor Link						
<ul style="list-style-type: none"> Construction of border facilities at Na Nuk Kien (Lao PDR)-Tra Piy Kan (Cambodia) linking National Road No. 7 in Cambodia to National Road No. 13 in Lao PDR. 	Construction of office buildings and installation of necessary equipment completed.	Concerned ministries and agencies in Cambodia and Lao PDR.	2009-2011.	The road sections in Cambodia and Lao PDR leading to the respective borders were completed in 2007 with a loan from the PRC. Lao PDR has reclassified the border crossing as an international border gate.	Still to be acted upon.	No change.

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2. Promote and facilitate trade and investment

Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
2.1 Trade and Transport Facilitation						
<ul style="list-style-type: none"> Implementation of key provisions of the CBTA, especially facilitation of exchange of traffic rights and modernization of border management (includes information dissemination; simplification, harmonization, rationalization of forms and procedures; border crossing facility improvements). 	Freer and faster cross-border movement of people, goods and vehicles; increased cross border trade, including transit trade.	Ministries of transport, finance, trade, health; CIQ and other concerned border control authorities of SEC countries.	2009-2013 (Central Sub-Corridor) 2010-2013 (Southern Coastal Sub-Corridor) 2011-2013 (Northern Sub-Corridor)	Continuing. ADB is supporting the implementation of the CBTA in pilot border checkpoints. Priority is on the following border checkpoints: Poipet/Cambodia-Aranyaprathet/Thailand; Bavet/Cambodia-Moc Bai/Viet Nam.	A comprehensive program of action for transport and trade facilitation in the GMS, including assistance for implementing key provisions of the CBTA, is expected to commence in 2011.	<p>Myanmar completed ratification of all CBTA Annexes and protocols by Aug 2013. As of 2015, still awaiting Thailand's complete ratification of all annexes and protocols.</p> <p>RETA 7851 Subproject 1 supported the holding of bilateral and trilateral meetings to expand or introduce traffic rights exchange between GMS countries, particularly in relation to the PRC-Lao PDR and PRC-Viet Nam bilateral agreements, Myanmar-Thailand and Myanmar-PRC transport negotiations, tripartite negotiations along the EWEC, and workshops on bilateral agreements between various other pairs of GMS countries. Principal outcomes were the conclusion of a 40:40 quota agreement between Thailand and Cambodia (well below their ASEAN commitments), new transport routes between Hanoi and Kunming and Shenzhen, an increase in Lao quotas to 20,000 each for PRC buses and trucks, increases in quotas to 500 vehicles each between Viet Nam and Cambodia (mirroring the AFAFIST), together with additional border crossings along the Southern Corridor.</p> <p>Ongoing (approved:28 Oct 2014, closing:31 Dec 2016) is RETA 8748 Subproject 2 of Support for TTF in the GMS which will address the following issues: (i) expansion of traffic rights and traffic routes; (ii)modernization and streamlining of Customs procedures and border formalities; (iii)development of subregional trade logistics systems; (iv) improvement of GMS trade data and analysis; and (v) refinements of institutional framework for TTF.</p>

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
• Training/capacity building for implementing CBTA and trade facilitation initiatives	Increased skills and capacity of concerned personnel in implementing CBTA and trade facilitation measures.	Ministries of transport, finance, trade, health; CIQ and other concerned border control authorities of SEC countries.	2009-2013	Initial focus on the Central Sub-corridor; to cover officials at the central and local levels, including those in border areas.	A comprehensive program of action for transport and trade facilitation in the GMS, including assistance for training and capacity building, is expected to commence in 2011.	Ongoing is RETA 8748 (see above), an output of which, among others, is that CLMV countries are better prepared to implement a GMS Electronic Customs Transit System.
• Customs facilitation, including single window inspection, risk management, use of IT and handling of transit trade.	Streamlined system and processes for customs inspection at border checkpoints, including those for transit trade.	Border agencies in SEC countries led by Customs authorities.	2009-2013	Initial focus on the Central Sub-corridor; to be closely coordinated with related ASEA initiatives.	A comprehensive program of action for transport and trade facilitation in the GMS, including assistance for improving customs and transit system (CTS) is expected to commence in 2011.	Full operation of Single Stop Inspection in Lao Bao-Dansavanh launched on 6 Feb 2015. RETA 8748, Subproject2 Support to Implementing the Action Plan for TTF in GMS is on-going. It includes as an output the piloting of the Second Joint Customs Inspection.
• Improvement of handling of sanitary-phytosanitary (SPS) requirements in GMS cross-border trade (Cambodia, Lao PDR and Viet Nam).	Risk-based system of SPS inspection designed and applied; diagnostic and testing capacities strengthened; academic training for managing SPS promoted (Cambodia and Lao PDR).	Inspection and quarantine ministries and agencies; local authorities.	2009 (PPTA) 2011 (Loan)	To be implemented under the proposed Improved SPS Handling in GMS Cross Border Trade Project which is in the ADB loan pipeline for 2011.	A comprehensive program of action for transport and trade facilitation in the GMS, including assistance for enhanced SPS regime, is expected to commence in 2011.	Ongoing (June/Nov 2012- Dec 2018) is an investment project Improved Sanitary and Phytosanitary Handling in GMS Trade Project with ADB loans for Lao PDR, Cambodia and Viet Nam.
• Setting up of common wholesale markets or distribution centers in major border areas to facilitate and support trading activities.	Common wholesale markets or distribution centers established in major border areas.	Local authorities in SEC areas; private sector.	2009-2013	Proposed.	TBD.	Distribution centers established in some border areas.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Adoption of amicable and efficient arrangements for financial settlement covering cross border trade in NSEC. 	Suitable arrangements for financial settlement of cross border transactions in NSEC implemented	Monetary authorities, Ministries of Trade and Finance of NSEC countries	2010-2013	Proposed; could be pursued on a pilot basis using the BPA between Thailand and Malaysia entered into in 2002 as a model	No action has been taken.	No action has been taken.
<ul style="list-style-type: none"> Establishment of a system for the regular monitoring and reporting of cross-border trade in SEC. 	System for tracking cross-border trade established and operational, with regular reports prepared/ disseminated.	Trade ministries and statistical agencies of SEC countries.	2009-2013	Proposed. Initially to cover major border checkpoints only, especially along the Central Sub-Corridor.	No action has been taken.	No action has been taken.
2.2 Investment Promotion						
SEC-Wide Investment Promotion and Facilitation						
<ul style="list-style-type: none"> Conduct of SEC investment forums within SEC countries and road shows in major foreign business centers. 	Increase in domestic and foreign investment in SEC areas.	GMS BF; Industry and Trade Ministries, and Investment Ministries/ Agencies of SEC countries; Chambers of Commerce and Industry of SEC countries; local authorities.	2009-2013	Continuing. May be undertaken separately or together with GMS-wide investment forums or missions.	Investment forums have been held in GMS countries and foreign countries such as Japan and the Republic of Korea to promote investments in the GMS in general and in the economic corridors in particular.	Investment Forum specifically for GMS RIF-IP 2014-2018 was held as a component event of the 5 th GMS Summit held in Bangkok in December 2014.
<ul style="list-style-type: none"> Organization of SEC investment and trade fairs. 	Increase in domestic and foreign investment in SEC areas.	GMS BF; Industry and Trade Ministries of SEC countries; Chambers of Commerce and Industry of SEC countries; local authorities.	2009-2013	Continuing. May be undertaken separately or together with GMS investment forums.	Conducted in conjunction with the Kunming Trade Fair.	To be conducted in conjunction with the Kunming Trade Fair, back-to-back with ECF7 to be held in Kunming in June 2015.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Streamlining of investment approval procedures in SEC areas. 	Procedures and requirements for approval of proposed investments in SEC areas simplified and streamlined.	Industry ministries and investment agencies of SEC countries; local authorities; GMS-BF.	2009-2013	Proposed. Identified by the SEC SAP study team based on the consultation meetings.	Under consideration by individual SEC countries.	Being acted upon by individual SEC countries to varying extent.
Business Information						
<ul style="list-style-type: none"> Compilation of applicable investment policies and regulations, including procedures for investment approvals in SEC areas. 	Information on investment policies, regulations and procedures in SEC areas readily and widely available.	Industry ministries and investment agencies in SEC countries; local authorities; GMS-BF.	2009-2013	Proposed. Identified by the SEC SAP study team.	Still to be acted upon.	Still to be acted upon.
<ul style="list-style-type: none"> Preparation of a prospectus of business opportunities in SEC areas. 	Business opportunities in SEC areas identified, compiled and disseminated.	Industry, trade and tourism ministries and agencies in SEC countries; Chambers of Commerce and Industry in SEC areas; local authorities; GMS-BF.	2009-2013	Proposed. Identified by the SEC SAP study team.	Still to be acted upon.	Still to be acted upon.
<ul style="list-style-type: none"> Preparation of an SEC business directory, providing names and addresses of manufacturers, traders, tourist operators, and service providers in SEC areas together with the products and services they offer. 	Business directory made widely available to prospective investors.	GMS-BF. Chambers of Commerce and Industry (CCIs) of SEC countries.	2009-2013	Proposed. This can be a subset of a GMS-wide business directory. Identified by the SEC SAP study team.	Partial directories available in individual SEC countries.	Partial directories available in individual SEC countries.
<ul style="list-style-type: none"> Development of an SEC website providing basic information on SEC with hyperlinks to the GMS and GMS-BF websites. 	Availability of and access to information on SEC improved through electronic media.	GMS-BF.	2010-2013	This can be part of the GMS-BF website. Identified by the SEC SAP study team.	Still to be acted upon. In the meantime, information on the SEC are posted as part of the GMS website.	Information on the SEC is posted on the GMS website.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
Promotion of Investments in Priority Sectors/Sub-Sectors						
<u>Agriculture</u>						
<ul style="list-style-type: none"> Promotion and support for cross-border contract farming. 	Practice of cross-border contract farming expanded in SEC areas. Sustainable technologies promoted; farmers' organizations strengthened; social responsibility among firms promoted.	Agriculture and trade ministries of SEC countries; GMS Working Group on Agriculture.	2009-2013	Findings of related study of the GMS Working Group on Agriculture will be used to guide activities promoting contract farming in SEC areas.	Under Phase 1 of Core Agriculture Support Program (CASP I), policy paper on cross-border contract farming, study on cross-border agricultural trade and contract farming, and workshops (agricultural trade facilitation, eco-trade supply chain, certification for agricultural exports) completed. CASP II to support global competitiveness in food safety and agricultural trade. Road map includes a project on Food Safety and Agricultural Trade Facilitation in the GMS (covers, among others, promoting contract farming of safe and climate-friendly agri-food products linked with wellness and eco-tourism); project included in ADB's RCOBP indicative pipeline for 2012.	Study completed; knowledge products prepared and disseminated; workshops and training programs on contract farming conducted.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Regional Project on Rural Renewable Energy for Cambodia, Lao PDR and Viet Nam. 	Increased investments resulting in (i) expansion of areas for intercropping between biofuel and food crops; (ii) processing facilities established at communities and regional level; (iii) agriculture waste recycle facilities and biogas units established (iv) new alternative energy source used instead of fuel wood; (v) biofuel policies and standards established; and (v) carbon credit schemes implemented for rural households/ communities.	Agriculture ministries of SEC countries	2010 (PPTA) 2011 (Loan)	PPTA will evaluate the feasibility of cross-border contract farming of energy crops, and other small and medium scale processing facilities. Project is included in ADB's loan program for 2011 with a \$20M loan each for Cambodia and Viet Nam and a grant of \$10M to Lao PDR.	Project title has been changed to "GMS Climate-Friendly Bioenergy Project"; R-PPTA included in RCOBP nonlending pipeline for 2012 (\$1.65 M); loan/grant project included in lending/grant pipeline for 2013 (\$80 M).	Regional study on strategic options on biofuels and rural renewable energy development in the GMS completed. Regional capacity development assistance R-CDTA 7833 Capacity Building for the Efficient Utilization of Climate-Friendly Biomass for Bioenergy and Food Security in the GMS).approved for funding by the Nordic Development Fund in 2011, is underway and supporting, among others, pilot testing of climate-friendly biomass investment projects, gender-sensitive capacity building on efficient utilization of biomass, and development of knowledge products and awareness campaigns on bioenergy production and utilization.
<ul style="list-style-type: none"> Productivity and quality improvement of cash crops (soybean, sesame, maize, castor bean, potato) in selected SEC provinces (Battambang, Pursat, Koh Kong, Kampot). 	Supply of cash crops for domestic consumption increased; quality of cash crops upgraded thus improving prospects of exports to Thailand.	Agriculture ministries of Cambodia and Thailand.	2010-2013	Proposed as a bilateral project between Cambodia and Thailand under ACMECS.	TBD.	TBD.
<u>Logistics</u>						
<ul style="list-style-type: none"> Establishment of a GMS logistics information platform. 	Awareness, interest and investments in logistics industry in SEC countries increased.	GMS BF in coordination with concerned ministries and agencies in SEC countries.	2009-2013	Can be part of GMS-BF website. Identified by the SEC SAP study team.	No action has been taken. Waiting for FRETA to be established.	Ongoing (approved:28 Oct 2014, closing:31 Dec 2016) is RETA 8748 Subproject 2 of Support for TTF in the GMS which will address the following issues: (i) expansion of traffic rights and traffic routes; (ii)modernization and streamlining of Customs procedures and border formalities; (iii) development of subregional trade logistics systems; (iv) improvement of GMS trade data and analysis; and (v) refinements of institutional framework for TTF.

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<ul style="list-style-type: none"> Conduct of seminars and forums on the logistics industry in the SEC. 	Information regarding investment opportunities in the logistics industry in SEC countries disseminated to prospective investors.	GMS-BF in coordination with concerned ministries and agencies in SEC countries.	2010-2013	Continuing. A symposium on logistics development in the GMS was held in Kunming, Yunnan Province on 6 June 2009 in conjunction with the Kunming Trade Fair.	Logistics development in the SEC was discussed in the Symposium on Developing the SEC in March 2011.	Proposed to be a side-event in ECF7 to be held in Kunming in June 2015.
<ul style="list-style-type: none"> Review of policies affecting investments in the logistics industry in SEC countries. 	Barriers to entry of investments to the logistics industry in SEC countries reduced or eliminated.	Transport and industry ministries, and investment ministries/agencies of SEC countries; GMS BF.	2009-2013	Proposed. Maybe undertaken by the proposed GMS Freight and Transport Association (FRETA).	Awaiting establishment of FRETA.	FRETA was registered as an NGO in Aug 2012 and hosted its first General Annual Meeting on 31 Oct 2012. Then GMS FRETA office was established in Vientiane, Lao PDR. Under consideration by FRETA (to be confirmed).
<ul style="list-style-type: none"> Establishment of FRETA. 	FRETA established and actively promoting policies and measures for the development of the logistics industry in SEC countries.	GMS-BF.	2010-2013	Proposed by the Business and Investment Dialogue at the 3 rd GMS Summit. Financing being sought to refine earlier study and help establish the association.	The GMS-BF Board decided to proceed with the registration of the GMS FRETA in Feb. 2011. FRETA's constitution and necessary legal documents have been drafted for incorporation of FRETA under the GMS-BF framework. The process of consultation on the documents and incorporation is expected to be completed within 2011.	FRETA was registered as an NGO in Aug 2012 and hosted its first General Annual Meeting on 31 Oct 2012. Then GMS FRETA office was established in Vientiane, Lao PDR.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<u>Tourism</u>						
<ul style="list-style-type: none"> Joint tourism promotion and marketing program focusing on SEC tourist destinations. 	Increase in the number of visitors to SEC tourist destinations	MTCO; Tourism ministries and marketing agencies of SEC countries; private sector tourist associations and operators.	2009-2010	MTCO has prepared a tourism marketing and promotion plan which includes development of Explore Mekong website, preparation of promotional materials, and attendance in international trade/tourism fairs, and Revival of Mekong Tourism Forum starting in Cambodia in 2010.	<ul style="list-style-type: none"> "Explore Mekong marketing campaign launched; Website dedicated to GMS tourism marketing activities developed as interactive platform for Explore Mekong campaign; Visit GMS Years campaign extended to 2015 (Thailand as host in 2012, Lao PDR in 2013); MTCO participates in regional and international tourism fairs; Mekong Tourism Forum (MTF) revived in Phnom Penh, Cambodia in 2010; MTF 2011 held in Pakse, Champasak, Lao PDR on 27-28 May 2011. 	Annual Mekong Tourism Forum is continuing. ADB is supporting a technical assistance to help strengthen MTCO, including updating of the Explore Mekong Marketing Strategy and the MTCO website.
<ul style="list-style-type: none"> Promotion of investments to improve existing and develop new tourist destinations and facilities in SEC areas, including hotels, rest areas and tourism information centers. 	Increased investment to upgrade existing or develop new tourist destinations and facilities.	MTCO; GMS-BF; Tourism ministries and marketing agencies of SEC countries; private sector tourist associations and operators.	2009-2013	Proposed.	R-PPTA for proposed "Pro-poor Tourism Development along the SEC" project included in RCOBP indicative pipeline for nonlending products (moved to 2014).	Regional Investment Framework Implementation Plan (2014-2018) includes a proposed investment project and an associated project preparation technical assistance for Phase II of the GMS Tourism Infrastructure for Inclusive Growth Project (formerly Pro-poor Tourism Development along the Southern Economic Corridor).

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Construction and/or improvement of access roads to major tourist destinations in SEC areas. 	Improved access to major tourist destinations in SEC areas.	Transport and tourism ministries of SEC countries.	2009-2013	Proposed. Identified by SEC SAP study team.	R-PPTA for proposed "Pro-poor Tourism Development along the SEC" project included in RCOBP indicative pipeline for nonlending products (moved to 2014).	Regional Investment Framework Implementation Plan (2014-2018) includes a proposed investment project and an associated project preparation technical assistance for Phase II of the GMS Tourism Infrastructure for Inclusive Growth Project (formerly Pro-poor Tourism Development along the Southern Economic Corridor).
<ul style="list-style-type: none"> Implementation of pilot project on single GMS visa scheme between Cambodia and Thailand. 	Travel to and within the GMS facilitated.	Concerned ministries and agencies of Cambodia and Thailand.	2009-2013	This is being pursued as an ACMECS initiative.	Pilot project has not yet been implemented.	Single visa scheme was piloted by Cambodia and Thailand. Countries are continuing dialogues towards eventual launching of policies that would help promote travel convenience for tourists. E-visa launched in Myanmar.
<ul style="list-style-type: none"> Mekong Tourism Development Project (MTDP) covering Cambodia, Lao PDR and Viet Nam 	High priority tourism-related infrastructure improved; sustainable tourism development promoted.	Tourism, transport and environment ministries of Cambodia, Lao PDR and Viet Nam.	To be completed in 2009.	ADB-funded; on-going; completed in Lao PDR in 2008; improvement of Rattanakiri and Stung Treng airports, and environmental improvement in Siem Reap are included in this project.	MTDP project completed successfully in Cambodia, Lao PDR and Viet Nam.	MTDP successfully completed.
<ul style="list-style-type: none"> Sustainable Tourism Development Project (Lao PDR and Viet Nam) 	Tourism infrastructure with access to major tourist attractions upgraded; skills for marketing sustainable and pro-poor tourism projects improved; small scale tourism facilities such as village roads and market sites developed.	Tourism authorities of Lao PDR and Viet Nam	2009-2013	On-going. ADB-funded.	STDP I ongoing in Lao PDR and Viet Nam; R-PPTA for STDP II included in RCOBP indicative nonlending pipeline (moved to 2013).	STDP successfully completed in Lao PDR and Viet Nam.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Development of the Emerald Triangle Tourism Zone (Cambodia, Lao PDR and Thailand) 	Tourism development in the zone promoted and facilitated.	Tourism authorities of Cambodia, Lao PDR and Thailand; MTCO.	2009-2013	Working group from the three countries has been established; funding request to UNDP/WTO pending since 2006.	Thailand plans to continue and expand a pilot training project on Community-based Ecotourism Development in the Emerald Triangle.	Thailand organized a workshop on GMS Thematic Routes and Southern Economic Corridor held in Sept 2014 in Bangkok, and attended by participants from Cambodia, Myanmar and Thailand. The workshop agreed on the following priority routes for implementation: (i) Mekong Delta and Southern Coastal Corridor; (ii) Mekong Discovery Trail; and (iii) Mekong Heritage Trail. From among these 3 routes, the workshop has proposed the Mekong Discovery Trail as a priority route to be developed in 2015.
<ul style="list-style-type: none"> Development of tourism and infrastructure along the Southern Coastal Sub-Corridor. 	Tourism potential of coastal areas along the sub-corridor developed.	Tourism authorities and tourist operators in Cambodia, Thailand and Viet Nam; MTCO.	2010-2013	Proposed. The roads in the main route of the sub-corridor are being upgraded or rehabilitated (see 1.1.1 above).	Trilateral working group established; agreed to designate provinces to form the boundary of the southern tourism region, identify border posts, and adopt common signage.	Construction of international ferry terminal in Kampot and improvements to Kep crab market included in GMS Tourism Infrastructure for Inclusive growth Project. Thailand organized a workshop on GMS Thematic Routes and Southern Economic Corridor held in Sept 2014 in Bangkok, and attended by participants from Cambodia, Myanmar and Thailand. The workshop agreed on the following priority routes for implementation: (i) Mekong Delta and Southern Coastal Corridor; (ii) Mekong Discovery Trail; and (iii) Mekong Heritage Trail. From among these 3 routes, the workshop has proposed the Mekong Discovery Trail as a priority route to be developed in 2015.

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<ul style="list-style-type: none"> Tourism development in the "Green Triangle" (Cambodia- Lao PDR-Viet Nam Development Triangle). 	"Green Triangle" promoted and developed as a major tourist destination.	Tourism authorities and tourist operators in Cambodia, Lao PDR and Viet Nam.	2010-2013	<p>On-going; inaugural meeting held in Oct 2007; with partial support from ADB-supported MTDP; financing from other sources being sought.</p> <p>Specific projects include Poipet and Koh Kong Industrial Estates in Cambodia which have been initiated as ACMECs projects and Sihanoukville Export Processing Project. Financing is being sought.</p>	Viet Nam organized project field visit to develop tourism products in the Green Triangle. Netherlands Development Cooperation (SNV) and UNWTO support Mekong Discovery Trail project in Cambodia. Major intervention areas are business and investment environment, product development, physical infrastructure, and marketing and promotion with emphasis on capacity building. Possible extension into Lao PDR and Viet Nam under consideration.	No update available.
<u>Special Economic Zones (SEZs) and Industrial Clusters</u>						
<ul style="list-style-type: none"> Establishment of SEZs in border areas and joint development of border economic zones. 	Investments in border areas promoted and facilitated through the provision of the necessary facilities, utilities and services.	Industry, Finance, Trade and Investment ministries and agencies of SEC countries; local authorities; private sector.	2010-2013	Proposed. Identified by the SEC SAP study team.	Financing still being sought	Individual countries are developing SEZs in some border areas.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Improving the planning, management and marketing of existing and planned industrial estates and SEZs in the SEC. 	Industrial estates and SEZs operating at higher level of efficiency and capacity.	Industry, finance, trade and investment ministries and agencies of SEC countries; local authorities; SEZ administrators in SEC areas; GMS BF; CCI of SEC countries.	2010-2013	Proposed. Identified by SEC SAP study team.	No action has been taken for the SEC. However, efforts are being taken along this line for two border areas between the PRC and Viet Nam along NSEC, lessons from which could be applied to the SEC.	See Technical Note " Special Economic Zones in GMS", July 2014 (Draft). Said document was presented during ECF-6 in Hanoi, Viet Nam on 8 August 2014.
<ul style="list-style-type: none"> Promotion of industrial clusters along SEC (e.g., agro-industrial or resource-based production zones in selected areas in the SEC involving linkages in production, processing and marketing). 	Feasible industrial clusters identified and promoted.	Industry, trade and investment ministries and agencies of NSEC countries; local authorities; GMS BF; CCI of SEC countries.	2010-2013	Proposed. Identified by SEC SAP study team.	The Board of Investment of Thailand has proposed a model of development based on links between large enterprises and SMEs build around industrial clusters.	Opportunities to be identified in the preparation of section-specific concept plans.
<ul style="list-style-type: none"> Study of possible pilot projects for cross-border supply chains involving agriculture and SMEs in SEC areas. 	Possible pilot projects for cross-border supply chain development identified and promoted.	Industry, trade and investment ministries and agencies of NSEC countries; local authorities; GMS BF; CCI of NSEC countries.	2010-2011		No action has been taken.	Opportunities and possible projects to be investigated in the preparation of section-specific concept plans.

3. Address environmental and social concerns

Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
3.1 Environmental Concerns						
<ul style="list-style-type: none"> Strategic Environmental Assessment (SEA) of the SEC 	Environmental protection and management practices and approaches strengthened to ensure sustainable development of the SEC.	GMS Working Group on Environment (WGE); Environment Operations Center (EOC)	TBD.	Proposed.	<p>Redefined in late 2009 as a cumulative impact assessment (CIA) of transport and natural resource development in a segment of the SEC comprising southern Lao PDR and northeastern Cambodian provinces. The CIA which is being initiated in June 2011, will apply an environmental lens to planned projects under the SEC SAP and build capacity for environmental safeguards systems to mitigate environmental concerns associated with economic corridor development.</p>	<p>Overall, CEP is providing technical support to integrate environmental considerations in the GMS Regional Investment Framework and the Strategies and Action Plans of the priority corridors, through processes such as SEA and tools such as spatial multi-sector planning.</p> <p>Completed assessment of country safeguard systems, development capacity, development action plan; identified priority safeguard support activities for 2015.</p>

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Integrated approach to SEA, Biodiversity Conservation Initiative (BCI) and Environmental Performance Assessment (EPA). 	Environmental protection and management practices and approaches strengthened to ensure sustainable development of the SEC.	GMS Working Group on Environment (WGE); Environment Operations Center (EOC)	2009-2013	On-going. Cluster 4 under EOC's Strategic Environment Assessment of Sector Strategies Project.	On-going. To be extended under CEP-BCI (2012-2016) for endorsement at the 3 rd Environment Ministers Meeting in July 2011.	Under CEP Phase II, ongoing activity on Multisector Planning for Sustainable Development. The geographic focus is 3 biodiversity landscapes: the Triborder Forest, Central Annamites, and Eastern Plains. The natural capital in these landscapes is in high demand from multiple sectors. Thus, coordinated planning is essential to ensure development is sustainable. CEP will raise awareness of senior government officials from Cambodia, Lao PDR, and Viet Nam on the benefits of multisector planning and build their capacity to identify appropriate planning tools. They will take stock of current plans and future priorities for each sector in relation to the 3 landscapes. Spatial multi-criteria and valuation assessments will be used to evaluate different development scenarios to understand tradeoffs between these plans and priorities, including impacts on natural capital.
<ul style="list-style-type: none"> GMS Biodiversity Conservation Corridors for Poverty Reduction and Watershed Protection (Cambodia, Lao PDR and Viet Nam) 	Environmental protection and management practices and approaches strengthened to ensure sustainable development of the SEC.	WGE; EOC; Agriculture, Natural Resources and Environment ministries of the three countries	2009 (PPTA) 2110 (Loan)	Proposed. Included in ADB's pipeline for lending and grant products for 2010; preparatory assistance for this project is in ADB's pipeline for non-lending products and services in 2009.	ADB funding for the project amounting to \$69 million to Cambodia, Lao PDR and Viet Nam approved in Dec. 2010.	CEP-BCI Phase I (2006-2012) pilots were completed. Grant/loan of \$69 million for BCC in Cambodia, Lao PDR, and Viet Nam is ongoing. The follow on initiative, CEP Phase II (2012-2016) is halfway through its implementation period. It aims to improve biodiversity conservation and climate resilience across the GMS, based on four outputs: (i) improved environmental planning systems, methods, and safeguards; (ii) improved management of transboundary biodiversity landscapes (TBLs) and local livelihoods; (iii) development of climate-resilient and low-carbon strategies; and (iv) improved institutions and financing for sustainable environmental management. Ongoing Midterm Review of CEP is focusing on institutional, administrative, organizational, technical, environmental, social, economic, and financial aspects of the Program, based on the assumptions and risks included in the design and monitoring framework (DMF), and the associated results-based M&E system developed for CEP. The findings will inform the structure of the CEP framework and the prioritization of remaining activities.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Scoping and mapping of climate change related risks (Lao PDR and Viet Nam) 	Risk of specific geographical areas identified and possible responses formulated.	EOC.	2009-2013	On-going.	Completed. Promoting climate friendly development in GMS corridors and landscapes through mitigation and adaptation activities will be the focus of CEP-BCI 2012-2016 program.	Component/output 3 of CEP Phase II is focused on the development of climate-resilient and low-carbon strategies.
<ul style="list-style-type: none"> GMS Flood and Drought Risk Management and Mitigation (Cambodia, Lao PDR and Viet Nam) 	Vulnerability of affected communities to adverse effects of floods and drought reduced.	Agriculture, Natural Resources and Environment ministries of the four countries; local authorities of SEC areas.	2008 (PPTA) 2011 (Loan)	Included in ADB's lending pipeline for 2011.	Project design and components being refined and finalized.	The Project was approved in 2012 and is being implemented. In the three countries. Target completion date is 2019.
3.2 Social Concerns						
<ul style="list-style-type: none"> Communicable Disease Control Project (Phase I; Cambodia, Lao PDR and Viet Nam) 	Vulnerability to the spread of communicable diseases reduced.	Health ministries of the three countries.	Targeted to be completed in 2009.	On-going. With financial assistance from ADB.	Project completed on 31 Dec. 2009; grant closed in June 2010. The project supported (i) strengthening of response capabilities to epidemics and disease outbreaks; (ii) improvement of coverage of prevention and care of selected communicable diseases in vulnerable populations; and (iii) improvement of knowhow, policies, standards and coordination among the 3 countries for communicable disease control.	CDC I completed.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Communicable Disease Control Project (Phase II; Cambodia, Lao PDR and Viet Nam). 	Vulnerability to the spread of communicable diseases reduced.	Health ministries of the three countries.	2009 (PPTA) 2010 (Loan)	Proposed. Included in ADB's loan pipeline for 2010.	On –going. Project approved on 22 Nov 2010, to close in June 2016. The project aims to improve regional public health security and reduce the burden of communicable diseases of regional importance in the 3 countries.	CDC II ongoing with possibility of extension until 31 December 2016
<ul style="list-style-type: none"> HIV/AIDS Prevention and the Infrastructure Sector (Cambodia, Lao PDR and Viet Nam) 	Knowledge base, practices and institutional mechanisms for the effective implementation of HIV/AIDS interventions in association with infrastructure projects improved.	Health and infrastructure authorities of participating countries.	Targeted to be completed in 2009.	On-going; project also covers the People's Republic of China (PRC); supported by the Cooperation Fund for Fighting HIV/AIDS in Asia and the Pacific established at ADB with support from the Government of Sweden.	Completed. Project closed in Dec 2010. The project supported the improvement of the knowledge base, practices and institutional mechanisms for the effective implementation of HIV/AIDS prevention interventions in association with infrastructure projects.	Completed . Case study reviews completed. Institutional capacity building and training on HIV and infrastructure for transport line ministries in Cambodia, Lao PDR, and Viet Nam conducted. Piloting and adaptation of IOM video and life skills activity package in infrastructure sites completed. GIS maps on HIV vulnerability and related social, demographic, spatial and infrastructure variables produced.
<ul style="list-style-type: none"> Mitigating HIV/AIDS Risks in Infrastructure Projects in the GMS economic corridors (Cambodia, Lao PDR and Viet Nam). 	Risks of spread of HIV/AIDS arising from infrastructure projects along the GMS economic corridors reduced and managed effectively.	Transport and health ministries of the three countries.	2008-2011	On-going. Project is being funded by the Government of Australia.	On-going. The project supports a set of distinct HIV prevention subprojects associated with ADB-financed infrastructure projects in the GMS.	Completed on 31 December 2014. Key outputs included: (i) enhanced leadership support and policies for addressing HIV risks; (ii) improved awareness among key target groups; (iii) ready availability of HIV and STI prevention commodities and associated social marketing programs; (iv) improved access to treatment and testing; (v) improved capacity of local government units and partner institutions for STI and HIV monitoring; and (vi) knowledge products, advocacy materials, and forums on mechanisms for HIV prevention in infrastructure projects.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Integrating Human Trafficking and Safe Migration Concerns for Women and Children into Regional Cooperation. 	Strategies and measures for preventing human trafficking and promoting safe migration in the GMS developed and implemented.	Labor, interior and tourism ministries of GMS countries.	2009-2013	There is an on-going ADB RETA (6448) covering the GMS and South Asian countries that supports the Coordinated Mekong Ministerial Initiative against trafficking in partnership with the UN Inter-Agency Project on Human Trafficking in the GMS.	On-going; extended until June 2011, supported by ADB RETA 6448. Project covers all GMS countries plus South Asian countries. UNIAPs human trafficking sentinel surveillance will be expanded to contribute to the knowledge base in the GMS.	Completed. Supported the integration of human trafficking and safe migration concerns into the Strategic Framework and Action Plan for Human Resources Development in the GMS 2009-2012. Helped raise anti-trafficking awareness within the GMS sectors, including tourism and transport (through support to the Asian Institute of Technology) in carrying out a cross-border research on social impact of Kunming-Bangkok Highway).
<ul style="list-style-type: none"> Social impact assessments in specific locations along the economic corridors. 	Findings used to improve current and future projects along the corridors.	GMS Working Group on Human Resource Development (WGHRD)	2009-2010	To be funded under RETA 7275 Implementing the GMS HRD Strategic Framework & Action Plan (SFAP).	Proposed. To be funded by ADB-financed RETA 7275 (Implementing the GMS HRD Strategic Framework and Action Plan.	Study on social impact assessments along GMS economic corridors completed. Following related activities also completed: (i) in-depth profiling of the vulnerabilities and risks of migrants; (ii) migrants' access to HIV and AIDS services; and (iii) HIV service financing for migrants.
<ul style="list-style-type: none"> Developing and piloting a framework for the mutual recognition of technical and vocational skills in the GMS. 	GMS technical and vocational skills recognition framework for three key skills developed and piloted.	GMS WGHRD, Ministries of Education	2009-2011	To be funded under RETA 7275 Implementing the GMS HRD SFAP.	Phase I completed. A pilot GMS framework for mutual skills recognition to support mobility of labor, address skills shortages and enhance competitiveness was developed after a series of 4 workshops. Phase II is proposed. Funding being sought.	A framework for mutual recognition of technical skills and qualifications in the GMS has been formulated and agreed upon. With participation of Cambodia, Lao PDR, Thailand, and Viet Nam qualifications in three technical skill areas (welding, automotive technology and domestic and hotel housekeeping) were mapped against Regional Model Competency Standards of the International Labour Organisation (ILO). The Agreed Framework for Mutual Recognition of Technical Skills and Qualifications in the GMS was formally endorsed by Lao PDR, Thailand and Viet Nam. Piloting of additional skill areas is planned.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Improving labor migration management in the GMS. 	Labor management improved.	GMS WGHRD, Labor Ministries, ILO, IOM	2009-2011	To be funded under RETA 7275 Implementing the GMS HRD SFAP.	No action has been taken.	The RETA supported activities for improved labor migration programs. One major accomplishment was increased awareness about safe migration issues among migrants through training programs in collaboration with IOM, focusing on building capacity of government staff to design and conduct information and education campaigns and provided cascade training for community trainers in villages at risk of unsafe migration.
<ul style="list-style-type: none"> Regional standard employment contract for technically skilled migrant workers in the GMS. 	Regional standard employment contract adopted	GMS WGHRD, Labor Ministries, ILO, IOM	2010	To be funded under RETA 7275 Implementing the GMS HRD SFAP.	No action has been taken.	This activity was not implemented under RETA 7275. The TA scope was changed in November 2011.
<ul style="list-style-type: none"> Training programs in basic skills competencies; basic tourism skills; agro-industrial management, including marketing; and SME management and financing. 	Skill levels and employability especially of labor in less developed areas of the SEC enhanced.	GMS Labor and education ministries, and training institutes of SEC countries; CCIs of SEC countries.	2010-2013	Proposed. Identified by SEC SAP study team	Being pursued by individual SEC countries to varying extent.	Being pursued by individual SEC countries to varying extent.
<ul style="list-style-type: none"> Cooperation program among vocational training institutes in SEC areas, including conduct of exchange programs. 	Collaboration among vocational training institutes in SEC areas in curriculum development, training of trainers and management developed and enhanced.	Training institutes in SEC areas; HRD agencies in NSEC countries.	2010-2013	Proposed. Identified by SEC SAP study team.	Still to be acted upon.	No update available.
<ul style="list-style-type: none"> Water Supply and Sanitation (Cambodia, Lao PDR and Viet Nam) 	Availability of and access to water supply in major border towns expanded; sanitation situation improved	Water supply agencies of Cambodia and Lao PDR; concerned provincial authorities of Viet Nam.	2010 (PPTA) 2011 (Loan)	To be implemented as part of the Corridor Towns Development Project in the ADB loan pipeline for 2011. See Section 1.4 of the Action Plan Matrix.	Proposed loan being processed.	An Urban Strategic Framework for the GMS has been prepared to achieve a more holistic approach to the development of growth centers in the GMS (i.e., to go beyond just water supply and sanitation).

4. Enhance private sector participation and public-private sector collaboration

Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
4.1 Private Sector Participation						
<ul style="list-style-type: none"> Cooperation among provincial CCLs in the SEC, initially among those in the border provinces. 	Coordination and collaboration among the private sector in SEC provinces established and improved.	GMS BF; national and provincial CCLs of SEC countries.	2010-2013	Proposed. Identified by the SEC SAP study team.	Still to be acted upon.	Partly being acted upon by some SEC countries.
<ul style="list-style-type: none"> Establishment of mechanisms for interaction, exchange of information and coordination between the public and private sectors on SEC issues and concerns. 	Improved public-private sector collaboration on SEC matters; more active involvement of the private sector in the planning and implementation of SEC initiatives.	GMS BF; concerned ministries of SEC countries; provincial CCLs of SEC countries.	2010-2013	May be conducted under the auspices of the ECF in the form of an annual or semi-annual dialogue.	Mechanisms for exchange of information and dialogue discussed at the Symposium for Developing the SEC in March 2011	Exchange of information and dialogue on specific SEC issues being pursued by individual countries.
<ul style="list-style-type: none"> Implementation of promotional measures and policy support for small and medium scale enterprises (SMEs) in SEC areas 	Increase in the number and operations of SMEs in SEC areas.	GMS-BF.	2010-2013.	A proposed Business Development Support (BDS) facility in Savannakhet may be a useful model to consider for other locations in the SEC.	Still to be acted upon. Some measures taken by individual countries	Some measures being taken by individual countries
<ul style="list-style-type: none"> Establishment of a GMS SME Development Fund. 	Availability of and access to financing improved, including for working capital, pre- and post-shipment export financing, export credit insurance.	GMS-BF.	2009-2013	Funding being sought. Proposed by the Business and Investment Dialogue participants during the 3 rd GMS Summit.	Funding still being sought.	Funding still being sought. The Thai Credit Guarantee Corporation was suggested as a model to promote SME development in SEC countries.

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Measures/ Programs/Projects	Progress/ Performance Indicators	Implementing Agencies/Bodies	Time-frame/ Target Date	Status/Remarks As of June 2009	Status/Remarks As of June 2011	Status/ Remarks As of March 2015
<ul style="list-style-type: none"> Provision of information to the private sector on possible sources of financing for commercial and infrastructure projects. 	Access of the private sector to various sources of financing expanded and improved	GMS BF; GMS Secretariat and National Coordinators	2010-2013	Continuing. Identified by SEC SAP study team.	Seminars have been conducted to disseminate information on possible sources of financing, including from ADB.	Seminars have been conducted to disseminate information on possible sources of financing, including from ADB.
4.2 Public-private Partnership						
<ul style="list-style-type: none"> Promotion of public-private partnerships in the development of transport, other infrastructure, logistics and support services in the SEC areas. 	.Increased public-private partnerships in the development of transport and other infrastructure in SEC areas.	Infrastructure ministries of SEC countries; GMS BF.	2010-2013	Proposed. Identified by SEC SAP study team.	Being pursued by SEC countries.	Being pursued by individual SEC countries.

Updated Action Plans for GMS Economic Corridor Development (as of March 2015)

Strategies and Action Plans (SAPs) for the Greater Mekong Subregion (GMS) East-West Economic Corridor (EWEC), North-South Economic Corridor (NSEC) and Southern Economic Corridor (SEC) were prepared between 2008 and 2009 to help guide, coordinate and integrate multisector initiatives to develop these corridors. The SAP for each corridor included an Action Plan matrix, which could be used for periodic monitoring and updates. In the *Updated Action Plans for GMS Economic Corridor Development (as of March 2015)*, two new columns were added to each corridor's Action Plan matrix to indicate the status of the implementation of individual projects and measures as of June 2011 and March 2015. March 2015 is around two years after the end of the period covered by the SAPs for the EWEC and NSEC, and around one year after the end of the period covered by the SAP for the SEC. This makes it possible to (i) assess the status of the implementation of Action Plans after the end of their planning periods; and (ii) identify which focal sectors had advanced well, and which ones had fallen behind.

About the Greater Mekong Subregion Economic Cooperation Program

The Greater Mekong Subregion (GMS) is made up of Cambodia, the People's Republic of China (PRC, specifically Yunnan Province and Guangxi Zhuang Autonomous Region), the Lao People's Democratic Republic (Lao PDR), Myanmar, Thailand, and Viet Nam. In 1992, with assistance from the Asian Development Bank (ADB) and building on their shared histories and cultures, the six countries of the GMS launched a program of subregional economic cooperation—the GMS Program—to enhance their economic relations, initially covering the nine priority sectors: agriculture, energy, environment, human resource development, investment, telecommunications, tourism, transport, infrastructure, and transport and trade facilitation.

GMS Secretariat

Southeast Asia Department
Asian Development Bank

Fax: +63 2 636 2226

E-mail: gms@adb.org

Web address: <http://www.adb.org/countries/gms/main>