

Guidance for reviewing/ completing the matrix:

- Each activity should be listed only once. If an activity contributes to more than 1 element of the Thai CC strategy, all elements are mentioned but it is classified in the category to which it **mainly** contributes. Please review the categorization for your activities. The 6 elements are: (1) Building capacity for climate adaptation (2) GHG mitigation (3) Research on adaptation and mitigation (4) Awareness rising and public participation (5) Build institutional capacities and coordination and (6) International cooperation on CC mitigation.
- The dollar value in the budget column is the **estimated** amount. Please review that amounts are correct and specify if the amounts are k (thousands) or m (millions)
- For activities that are regional in nature please only include the info that is relevant for Thailand, including the budget that will go to Thailand

Annex 2: Multilateral Organizations - Preliminary list of activities related to climate change in Thailand

Thai CC strategy element (1,2,3,4,5,6)	Title	Type of Activity (TA and/or Pilot Project; Study; Workshop/ Conference, FA)	Description	Next Steps	Status (Planned or ongoing) and Duration (Start and End Date)	Partners	Estimated Budget US\$'000	Institution/ Focal Point
(1) Building capacity for climate adaptation								
1	Climate Change Impact and Adaptation in Coastal Cities: A Case Study for Bangkok Metropolitan Region (BMR)	Study	Analyze and draw lessons for the projected impact of Climate Change on the GDP and socio-economic construct of selected Asian mega-cities. Reporting will be combined with efforts from ADB and JBIC Institute. Following these reports, an expert group would synthesize the city reports into a single output.	Local consultants working closely with BMA to develop a model and start the impact assessment. International consultant will synthesize and put in common results for the four cities (Bangkok, Manila, Kolkata and HCMC).	Ongoing Oct. 2007 - Dec 2008	JBIC, ADB, and BMA/ DCMR	\$250-400K	<u>World Bank Group</u> Neeraj Prasad, Pongtip Puvacharoen, Manuel Cocco

1	Climate Change Impacts and Disaster Risk Management in Urban Areas of East Asia: A Primer	Study	This Primer is prepared as a guide for local governments in the East Asia Region to better understand the concepts and consequences of CC; how climate change consequences contribute to urban vulnerabilities; and what is being done by city governments in East Asia and around the world to actively engage.	The World Bank invites inputs at TOR formulation, selection of national experts, and peer review and further collaboration with this study.	Planned	TBD	TBD	<u>World Bank Group</u> Neeraj Prasad, Pongtip Puvacharoen
1 + 5	Regional Cities Climate Alliance in Asia -	Workshop	This regional forum targets a conference of cities to be hosted by Bangkok, which will enable establishment of an experience and analysis-sharing platform for cities on climate impacts, and will also aim to bring the experience of the European Cities Climate Alliance to Asia.	Involve other multilateral/bilateral partners, scale up to annual event.	Ongoing Jan. 2008 - June 2008	BMA, others TBD	\$200K	<u>World Bank Group</u> Neeraj Prasad
1 + 4	East Asia Environment Monitor 2007: Adapting to Climate Change	Study	This report raises awareness among EAP policy makers and the general public about the importance of CC Adaptation.	Pursue disseminating activities (follow-up)	Concluded Jan. 2007 - November 2007	MRI IGES	\$200K	<u>World Bank Group</u> Neeraj Prasad
1	Promoting Climate Change Adaptation in Asia and the Pacific	TA	Participating governments have an improved understanding of the necessary actions they must make to adapt to climate change.	As of February 2008 the project has initiated consultant recruitment and preparatory activities. Selection of member country participation is underway.	Ongoing. Approved- 21 Nov 2007.		United Kingdom Fund (w/ LoA)- \$2,800k Japan Special Fund-\$800k	<u>ADB</u> James Roop
1	Women Empowerment in Community Based Disaster Risk Management Through Tsunami Experience	Pilot project	Based on experience of Tsunami recovery and livelihoods restoration, the project will work on community disaster preparedness and develop community resilience in adaptation to climate change impacts.		Planned	Sustainable Development Foundation	\$100k	<u>UNDP</u> Phansiri Winichagoon

1, 5	Capacity Building to Integrate Disaster Risk Reduction into Coastal Zone Management” (regional project)	Study and workshops	Building DRR capacities of coastal zone managers for designing and implementation of projects that enhance the protection of lives while improving environmental quality. The project encompass national (India, Indonesia, Sri Lanka) and regional (+ Maldives, Thailand, Seychelles) activities. Thailand stakeholders will be involved in the development of training manuals (comments) and participation at regional workshop.	Regional workshop to be held in October 2008	Ongoing (dec 2007 – March 2009)	EC Aidco. ISDR (Funding) Mangroves for the Future (MFF) Secretariat, National Coordinating Bodies and national disaster management organizations (NDMO)		<u>UNEP</u> Serena Fortuna fortunas@un.org
1, 3	Integrating Climate Change and Climate Variability in Mangroves for the Future (MFF) initiative’ (Regional Initiative: India, Indonesia, Maldives, Seychelles, Sri Lanka, Thailand)	Study, regional training workshop	Technical guidance on climate change adaptation to the MFF Secretariat and National Coordinating Bodies through making available appropriate policy tools and methodologies. The main output will be a “climate proofing method”, to integrate climate change adaptation criteria and considerations into MFF activities and projects.	Finalization of “climate proofing method” (September 2008) Regional training on MFF tools – and mainstreaming of CC adaptation into projects (October 2008)	Ongoing (November 2007 – October 2008)	UNDP, IUCN, MFF Initiative		<u>UNEP</u> Serena Fortuna fortunas@un.org
1	Mangrove For the Future	Pilot project	The project has particular emphasis on improving living conditions of its coastal habitants, the establishment of resilient communities towards climate impacts and the sustainable conservation and utilization of the natural resources that are a fundamental part of the development infrastructure		Planned	Department of Marine and Coastal Resources	\$200k	<u>UNDP</u> Phansiri Winichagoon

(2) GHG mitigation

2	CDM Projects in Thailand	Projects	The World Bank has been cooperating with government agencies and private sector in developing CDM projects in Thailand. These projects involve livestock waste management and industrial wastewater treatment.	The projects are under preparation and will be operating in Jan 09.	On-going until 2019	various	Approx. \$40 m. over 10 years	<u>World Bank Group</u> Pongtip Puvacharoen
2	CDM Database for TGO (CDP-E II project)	TA	As a part of the mentioned CDP-E II, this TA activity will assist TGO to develop a database for CDM projects to better deal with TGO's mandate of developing a voluntary carbon market in the midterm for Thailand	Finalize requested design and draft a TOR to select the consultants.	Ongoing March 2007 End of 2008	TGO	-	<u>World Bank Group</u> Manuel Cocco
2 + 1	Renewable energy, energy efficiency, and climate change (REACH) Program	TA Multi Donor Fund	ADB's Technical Assistance program on climate change includes capacity-building activities on generic climate change issues and Clean Development Mechanism (CDM), with emphasis on clean energy and energy efficiency, carbon sequestration, and adaptation.		Ongoing. Started 2001	Netherland (PREGA) Canadian Cooperation Fund for CC Danish Cooperation Fund for RE and EE in Rural Areas Finnish Technical Assistance Grant Fund	Netherlands: \$6,000 Canadian: Can \$5,000 Danish: DKK 30 million Finnish: €1.9 million	<u>ADB REACH Program</u>
2	Energy Efficiency Initiative (EEI)	TA Multi Donor Fund	ADB launched the Energy Efficiency Initiative (EEI) on 29 July 2005. The core objective of EEI is to expand ADB's investments in energy efficiency projects to \$1 billion a year. To this end, ADB will work closely with its developing member countries to identify specific market segments that have a high priority for intervention, are suitable to ADB's	Phase II (ongoing from June 2006 through December 2007) will prepare the country-level investment and action plans on EE, develop the project pipeline for 2008-2010, design and establish the Clean Energy Financing	Ongoing Phase 2 Launched in July 2005		See below	<u>ADB EEI</u>

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			role and strengths and have replication and scale-up potential	Partnership Facility (CEFPF) and pursue immediate EE investment opportunities				
2	Clean Energy Financing Partnership Facility (CEFPF)	FA	The CEFPF may include: (i) trust funds for grants to be administered by ADB; (ii) project-specific financing (i.e., grants, concessional loans, or guarantees) on a joint or parallel basis through framework agreements and letters of intent with development partners; (iii) cooperation arrangements for knowledge provision and exchange; and (iv) any other form of cooperation that partners and ADB may agree upon for a defined program of activities all these facilities are provided alongside ADB's own assistance in the sector.		Proposed		\$250m ADB has set target of \$250m by 2008	<u>ADB</u>
2 + 1	Carbon Market Initiative	Project co-financing facility	See below				See below	<u>ADB CMI</u>
	Asia Pacific Carbon	ADB	The Carbon Market Initiative (CMI)		Proposed		\$152k	

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	Fund	Managed Trust Fund	was established to support sustainable development goals of DMCs, address global climate change concerns, and assist developed countries to meet their emissions reduction commitments. CMI will provide a project co-financing facility, carbon credit marketing program, and technical support for project preparation and implementation of CDM-eligible projects and their developers.					

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	Implementation of the Technical Support Facility	TA	CMI will provide targeted technical support to project developers and sponsors in the following levels: 1. Upstream support in project preparation <ul style="list-style-type: none">• due diligence: technical, financial, legal, safeguards, governance• capacity development and policy reform• carbon credit valuation• documentation preparation for credits• obtaining host country approvals• facilitating project validation and registration 2. Downstream support in project execution and commercialization <ul style="list-style-type: none">• implementation and/or commissioning• monitoring and verification• certification and issuance of credits to Fund and project developers		Approved 18 Dec 2007		\$4,040	

2	Restructuring of Livestock Farming for Climate Change	TA	Now under preparation	Project proposal being drafted	Planned 2009-2011	Min. of Agriculture and Cooperatives Dep. of Livestock Dev.	\$799K	<u>FAO</u>
2 + 4 + 5	Removal of Barriers to Biomass Power Generation and Co-generation in Thailand Project	TA and Pilot Project	The project aims to reduce GHG emission by accelerating the growth of biomass co-generation and power generation techniques to replace current fossil fuel consumption in Thailand.		Ongoing 2001 -2008	Energy for Environment Foundation Energy Policy and Planning Office	\$6.8M From GEF	<u>UNDP</u> Phansiri Winichagoon
2 + 4 + 5	Renewable Energy Responding to Sufficiency Economy in Mae Hong Son Project	TA and Pilot Project	This project aims to overcome barriers that currently prevent widespread and sustainable utilization of renewable energy technologies for the provision of rural energy services. The project will work initially in Mae Hong Son province.		Planned Expected to start in July 2008 (5 yrs.)	Mae Hong Son Province Thailand Environ. Institute Ministry of Energy	\$3.08M From GEF	<u>UNDP</u> Phansiri Winichagoon
2 + 4 + 5	Promoting Energy Efficiency in Built-Environment	TA and Pilot Project	The project aims to promote energy efficiency in three types of the built environment in the city: namely, community housing, hotels and hospitals. This project is still in the phase of project identification. It has been endorsed by the GEF Focal Point of RTG.		Planned	Green Leaf Foundation Community Organiz. Development Institute (CODI)	\$4.1M From GEF	<u>UNDP</u> Phansiri Winichagoon
2, 4, 5, 6	Barrier Removal to the Cost-Effective Development and Implementation of Energy Efficiency Standards and Labelling (BRESL)	TA and Pilot Project	BRESL is aimed at rapidly accelerating the adoption and implementation of energy standards and labels (ES&L) in Asia, to bring about energy savings from the use of energy efficient appliances/equipment. This is a regional project with six participating countries, namely: Thailand, China, Indonesia, Vietnam, Bangladesh and Pakistan.		Planned Expected to start in July 2008 for 5 yrs.	Department of Energy Development and Efficiency (DEDE)	\$ 1m For thailand Regional Project with The total budget of \$6M From GEF	<u>UNDP</u> Phansiri Winichagoon

2, 5	Industrial Energy Efficiency in Thailand (CC-Mitigation-GEF project)	TA	The project will introduce national energy management standard incorporating industrial energy systems optimization and the accelerated uptake of biomass-fueled boilers.	PIF has been finalized and accepted by GEFSEC as part of the Nov. 2008 workprogramme	Planned Expected to start in 2009	Ministry of Industry	Total budget of \$ 16m of which 3,6m are GEF grant funding	<u>UNIDO</u> Sooksiri CHAMSUK (s.chamsuk@unido.or.th)
2	MDG Carbon Facility	FA	The facility aims to enhance access to CDM for Thai companies, municipalities and other proponents of CDM projects. UNDP will focus on assisting municipalities and other proponents to develop and implement CDM projects. FORTIS is the financial partner who will buy the CERs. Activities this year will include the launch of MDG Carbon Facility in the 4 regions of Thailand, starting with the Eastern Provinces.		Ongoing	TGO Municipalities Local authorities CDM project proponents		<u>UNDP</u> Phansiri Winichagoon

(3) Research on adaptation and mitigation

3	Thailand Environment Monitor (TEM) 2007: Integrated Water Resources Management (IWRM)	Study	The TEM07 is intended to engage and raise awareness of the general public on the basic principles of IWRM, as well as to inform the decision makers, civil society, researchers and international development partners about key issues pertaining to the application of IWRM in Thailand.	Final review before publishing	Ongoing May 2007 September 2008	MonRE	???	<u>World Bank Group</u> Manida Unkulvasapaul
3	White Paper on Climate Change impacts and issues for SE Asia:	Study Thailand Case Study + Workshop	This report will be aimed at policy makers. It will expand the megacity analysis described above and link up with other studies currently underway (e.g. DFID / ADB East Asia study) in the Mekong region. Workshops will be held (possibly with the regional cities alliance workshop described above) to extend regional cooperation among Mekong countries.	Draft a concept note	Ongoing Oct. 2007 June 2009	Not yet discussed	\$500k – under consideration	<u>World Bank Group</u> Neeraj Prasad, Nat Pinnoi

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3	A Regional Review of the Economics of Climate Change in Southeast Asia	Study	Contribute to regional debate on economic costs and benefits of unilateral and regional actions on mitigation and adaptation and raise awareness about the urgency of climate change challenges and their potential socioeconomic impact on the participating countries		Ongoing. Approved-10 Dec 2007,		\$904k	<u>ADB</u> Tae Yong Jung
3, 1,2	Greater Mekong Subregion (GMS) Core Environment program (CEP) and Biodiversity Conservation Corridors Initiative (BCI)	TA	CEP is a regional TA program for promoting establishment of sound management systems and institutions that mainstream environmental management and biodiversity conservation including climate change mitigation and adaptation in GMS Economic Cooperation Program and subregional development (CAM, PRC, LAO PDR, MYA, THA, and VIE).		Ongoing, Approved Dec, 2005; launched 2006; until 2011		Initially: \$25,570m; supplemental up to 2011 - \$7,200; Total: \$32,770m	<u>GMS-EOC</u> Hasan Moinuddin
		Study GMS CEP Activity:	Risks and Adaptation to Climate Change in BCI Pilot Sites in PRC, Thailand and Viet Nam aims to build capacity and knowledge base to adapt to climate change by using		Ongoing, Approved 2007		From CEP budget: US\$ 200	

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			modeling, assessment and analysis relevant to local needs, developed in partnerships with local institutions in the GMS countries					
		Study GMS CEP Activity:	Assessment of Climate Change impacts on agricultural production (rice yields) and identification of potential adaptation measures in BCI Pilot Sites in Lao PDR, Thailand and Viet Nam		Proposed	Potential Partners: IRRI, CERED	From CEP budget: US\$ 100	
		Study GMS CEP Activity:	Offsetting Carbon Emissions from Freight Traffic in the GMS Study to identify policy, incentives framework, and technical feasibility Comprehensive framework to promote energy efficient freight engines generating co-benefits of climate change mitigation and air pollution reduction.		Proposed		From CEP budget: US\$ 200	
		Study GMS CEP Activity:	Transport Sector Emission Efficiency- pre-feasibility study The Goal of this pre-feasibility is to develop a comprehensive plan for reducing emissions from the		Proposed	Potential Partners: CAI-Asia, UNEP	From CEP budget: US\$ 80	

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			transport sector in the GMS					
		Study GMS CEP Activity:	Carbon Sequestration by Greening of Transport Corridors Feasibility of reforestation in transport corridors to offset GHG emissions		Proposed.		From CEP budget: US\$ 150	
		Study GMS CEP Activity:	Climate Change Considerations in national Socio-economic Planning – Lao PDR and other GMS countries; the Goal of the project is to integrate sustainability climate change considerations in national socio-economic planning, focusing on adaptation aspects		Proposed		From CEP budget: US\$ 200	
		Pilot Project GMS CEP Activity:	Reducing Emissions from Deforestation and land Degradation (REDD) in BCI sites-Demonstration Pilots aims at establishing forest cover and emission benchmarks, assess status of forest cover and land use changes in the BCI pilot site areas, and document methodology for REDD interventions both for deforestation avoidance and reforestation.		Proposed		Funding still to be secured: US\$ 7,550	

3	National Resource Management and Response to the Challenge of Climate Changes (Tentative title)	Study	Proposal being drafted		Planning: 1 year		\$73K	<u>FAO</u>
3	Livestock waste management in East Asia	TA, Study	The objective of the project is to reduce the negative local and global environmental impacts of rapidly increasing livestock production in selected watersheds in the coastal areas of China, Thailand, and Vietnam. The project will support an integrated and comprehensive approach to managing animal-induced pollution.		On-going: Sept 2006- Sept 2011	GEF through World Bank	\$ 1,000K	<u>FAO</u> Edward.Hotte@fao.org
3	Bioenergy and Food Security: Mainstreaming	Study	Objective: Enhance food security through mainstreaming sustainable bioenergy systems into rural development and minimize the risk of detrimental impacts of bioenergy on food security.		On-going: Dec 2006- Nov 2009	Germany	\$125K for Thailand \$3,765K for 3 countries Approx.	<u>FAO</u> Andreas.VonBrandt@fao.org
3	Strengthening poverty reduction through biofuels in the GMS region	Study	Objective: National and regional biofuel policies and strategies assessed, integrated and developed with a view to strengthening poverty reduction		Planned: Dec 2008- Dec 2009		\$125K for Thailand \$375K for 3 countries	<u>FAO</u>
3, 4, 5	Catalyzing Sustainability of Thailand Protected Area (PA) System	Study for project preparation	The project will focus on improving the efficiency of PA management and financing by establishing tools for the valuation of PA, identifying new avenues for revenue generation, and improving the cost efficiency of management through operational reforms. <u>Carbon offset initiatives</u> can be part of the sustainable financing options.		Planned	Department of national Parks Wildlife and Plants	\$ 90k	<u>UNDP</u> Phansiri Winichagoon

3, 6	Support to the 2 nd National Communication to UNFCCC Project	Study	The project will assess (a) GHG inventory (b) Measures to facilitate adaptation to climate change, (c) Measures to mitigate climate change, (d) Relevant information including development and transfer of technology, education, training and public awareness and capacity building (e) Financial, technical and capacity needs.		Ongoing 2008 - 2010	Office of Natural Resources and Environmental Policy and planning (ONEP)	\$405k From GEF	<u>UNDP</u> Phansiri Winichagoon
3, 4, 5	Marketing Ecosystem Goods and Services (EGS) as assets for Economic Development and Poverty Alleviation	Study for project preparation	The project will develop Payment for Ecosystem Services (PES) strategies and demonstration of sustainable production and marketing of Ecosystem Goods and Services (EGS) for economic development and poverty alleviation in production landscapes and seascapes. <u>Carbon offset initiatives</u> can be part of the Payment of Ecosystem Services.		Ongoing Project initiation	Biodiversity-based Economy Development Office		<u>UNDP</u> Phansiri Winichagoon
3	Meeting Strategic Environment Policy Dialogue (SEPD), Bali Indonesia	Workshop	SEPD is a ministerial meeting with the 5 chairs of the subregion which focuses on key priority environmental issues in the Asia Pacific year. This year it will focus on CC and be held in parallel to UNFCCC COP 13 in Bali		Completed Dec. 2007 Dec. 2007	UNEP		<u>UNEP</u> Mahesh Pradhan pradhan@un.org
3	Southeast Asia Regional Vulnerability to Changing Water Resource and Extreme Hydrological Events Due to Climate Change -	Study	This study is about development of high-resolution climate and hydrological scenarios for Southeast Asia. In addition, impact of climate change on some agriculture systems was also assessed. Risk, vulnerability and adaptation strategy to climate change of farmers in the region was also assessed at local community level .	Research project ended in 2006.	Completed 2003 2006	Chiangmai U., Khon Kaen U., Ubon. U., WRCC (Lao PDR), Nat. U. of Laos, Sub-institute of Hydromet – south Vietnam	\$200K	<u>SEA START RC</u> Anond Snidvongs, Suppakorn Chinvanno
3	Building Capacity of Mekong River Countries to Assess	Study	The capacity building activities program focus on the researchers in Lao PDR and Thailand. It covered	Activity ended in 2006.	Completed 2004 2006	Thailand: Chiangmai U., Khon Kaen U.,	\$120K	<u>SEA START RC</u> Anond Snidvongs,

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	Impacts from Climate Change – Research capacity building activity		the practice in regional/local climate change analysis, regional/local hydrological analysis, analysis of impacts on water resource and food production (rain-fed rice production) and impact of such changes on society.			Ubon. U., Min. Of Agriculture Lao PDR: WRCC, Envi. Research Institute, NAFRI, Nat. U. of Laos,		Suppakorn Chinvanho
3	Southeast Asia Component of the Advancing Capacity to Support Climate Change Adaptation (ACCCA) - Study	Study	The overall objective of this initiative is to bring together stakeholders and scientific communities through five pilot projects in Asia to enable and support effective adaptation decisions, using creative action research, multi-stakeholders dialogue, knowledge sharing and communication tools, that would reduce vulnerability of local communities and municipalities to climate and environmental change, while promoting sustainable development.	Implementing pilot project at selected study sites	Ongoing 2006 2008	UNITAR, START, SEI		<u>SEA START RC</u> Suppakorn Chinvanho
3	Climate Change in Southeast Asia and		This research project aims study the impact of climate change on water	Implementing pilot project at selected	Ongoing 2006	Chiang Mai U., Khon Kaen	\$180K	<u>SEA START RC</u>

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	Assessment on Impact, Vulnerability and Adaptation on Rice Production and Water Resource - Study		resource and rice production in the region. The output of this proposed research will contribute directly to the preparation of Second National Communication to UNFCCC for the countries in the region and can also be used as foundation for further study or assessment in greater details by each country.	study sites	2008	U., Env. Research Institute (Lao PDR)		Suppakorn Chinvanho, Attachai Jintrawet (CMU)
3	Regional Climate Change Scenario for Thailand and Mainland Southeast Asia - Study		Developing of high resolution future climate change scenarios to support the studies of impact of climate change at national and local scales in the mainland Southeast Asia.	Computational simulation in process – expect to have first cut to be presented at COP13 in December	2007 2008	Hadley Centre (UK), IMHEN (Vietnam), Env. Research Institute (Lao PDR), British Council, Thailand Research Fund	\$45K	<u>SEA START RC</u> Suppakorn Chinvanho
3	Rapid Integrated Assessment of the Impact of Climate Change on Lower Mekong River Delta and Floodplain	Study	The Mekong River floodplain is the major rice production area for Cambodia and Vietnam and also site for one of the largest city in the Southeast Asia with the population of almost 20 million people, the Ho Chi	Develop proposal for research fund raising	Planned 2008	MRCS, The WorldFish Program, Burapha U., IMHEN (Vietnam)		<u>SEA START RC</u> Anond Snidvongs, Suppakorn Chnivanho

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	Systems –		Minh City. In addition, the Tonle Sap or the great lake of Cambodia, which is part of the system, is significant to the Cambodia economic for its fishery production. The floodplain system is sensitive to change in hydrological regime due to its geographical condition. The planned study aims to conduct rapid assessment, mostly through sequential integration of various modelling outputs, to evaluate the exposure and sensitivity of the floodplain to the future risk from climate change.					

(4) Awareness raising and public participation

4	The Development Marketplace Comic Book Competition on Coastal Erosion	Raise awareness & public participation Contest	The WB has initiated a Development Marketplace competition for comic books on coastal erosion. To help entrants improve their understanding of the challenges, a field trip to one area affected by coastal erosion will be organized. CC experts from the DMCR and the WB will join to provide clarification.	Next steps	Planned June 2008 End of 2008	DMCR	\$5K	<u>World Bank Group</u> Tinnakorn Sareenun, Pichaya Fitts
4	The World Bank-TGO Climate Change Photo Contest	Raise awareness & public participation Contest	The WB proposed this contest in support of TGO's outreach program. It will be open to all Thai photographers and be advertised widely among the Thai media. Winning photos will illustrate causes of GHG emissions, acceptable solutions (CDM, reforestation and afforestation), or individual success stories.	Judge the entries before June 8th. Announce and award the winners before the end of June, and exhibit the photos before the end of July.	Ongoing March 2008 July 2008	TGO	\$15K	<u>World Bank Group</u> Tinnakorn Sareenun, Pichaya Fitts
4	Adaptive Learning on Tsunami Early Warning System for Fishermen and Marine Occupations (ALTEWS)	TA project	Now under preparation.	Project proposal being drafted	Pipeline 2009-2010	Department of Fisheries	\$175K	<u>FAO</u> Simon Funge-Smith
4 + 3	Decision supported study and campaigns on carbon emission reduction	Study/ Campaign	In consultation with MONRE, UNDP came up with a TOR for the study which will look into the policy options of using economic instruments to reduce GHG emissions.		Ongoing 2008	ONEP	\$45k	<u>UNDP</u> Phansiri Winichagoon
4	Bangkok Assessment Report on Climate Change (BARCC)	Study	This report will be aimed at policy makers and will track the Governor's efforts to reduce GHG emissions in Bangkok by 15%. It will aim to develop an action plan and strategy to mitigate the effects of climate change. This project is expected to generate scientifically credible information contributing towards informed decision making by better reflecting the priorities in the context of climate change and sustainable	Identification of stakeholders for the process Inception cum training workshop on preparation of BARCC Consultation workshop to discuss Draft BARCC	Ongoing	BMA, Green Leaf Foundation, others	\$25K	<u>UNEP</u> Jinhua Zhang, jinhua@rrcap.unep.org Dechen Tsering

(2) GHG mitigation

2	CDM Projects in Thailand	Projects	The World Bank has been cooperating with government agencies and private sector in developing CDM projects in Thailand. These projects involve livestock waste management and industrial wastewater treatment.	The projects are under preparation and will be operating in Jan 09.	On-going until 2019	various	Approx. \$40 m. over 10 years	<u>World Bank Group</u> Pongtip Puvacharoen
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			development. The aim of this project is to develop national capacity on climate change assessment (specifically BMA) and related data and information management. BMA has selected the Green Leaf Foundation as the collaborating centre.					
4	Mayor's Climate Change Summit	Workshop	This Summit aims to invite the Mayors of Asian cities to raise awareness of the implications of climate change to mega-cities in Asia; the need for urgent action for adaptation measures; and mitigation measures to avoid intensifying climate change in the future.	UNEP to discuss with chairperson of the Working Group, Ms. Liana Bratasida (Indonesia), on the possibility of hosting the Summit in Bangkok.	Ongoing Sept. 2007 May 2008	TBD	TBD	<u>UNEP</u> Mahesh Pradhan pradhan@un.org Dechen Tsering
4	Asian Preparatory Meeting on UNFCCC COP-13, Bangkok	Workshop	To ensure that negotiators from Asian countries are briefed on the latest developments in intergovernmental climate change process and can properly prepare themselves to effectively and efficiently participate in the negotiations. Asian Region: 40 countries		Completed Oct. 2007 Oct. 2007	UNFCCC - UNEP		<u>UNEP</u> Dechen Tsering tsering@un.org

(2) GHG mitigation								
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4	Training Workshop CC Negotiation Skills, Bangkok	Workshop	Training workshop in negotiation skills for 3 South and 3 South East Asian Countries		Completed Oct. 2007 Oct. 2007	IIED, BCAS, Oxford Climate Policy		<u>UNEP</u> Dechen Tsering tsering@un.org
(5) Build institutional capacities and coordination								
5	Thailand's CC Strategy Coordination	TA	This activity is aimed at helping ONEP and TGO to better coordinate and engage with other agencies to improve the impact of CC strategies and activities.	- Mapping Activities in Thailand; - Translate ONEP's Thai CC Strategy; - Help ONEP establishing a methodology for prioritization	Ongoing Feb 2007 No ending date	- UNCT TWG (UNDP, UNEP, UNIDO, ADB, WB, etc) - ONEP and TGO	TBD	<u>UNDP</u> Martin Krause <u>World Bank Group</u> Jitendra Shah, Manuel Cocco <u>ADB</u> Hasan Moinuddin

5	Thailand's Country Development Partnership on Environment (CDP-E) Phase II	TA	Assist Thailand (mostly through MoNRE) to: (i) Develop a critical mass of CF projects; (ii) Provide robust policy/strategy analysis on CC issues; (iii) Support river basin and coastal resources management; (iv) Support the ODS phase-out project and the GEF regional project on livestock waste, and develop new projects based on regional and global agreements (post-2012 Kyoto Protocol agreement, persistent organic pollutants (POP) control, Mekong River Basin management, etc).	Concept Note	Ongoing January 2008 December 2010	MonRE Other partners (UN Country Team, ADB, Kenan Institute, Red Cross, Thailand Research Fund, etc.)	TBD	<u>World Bank Group</u> Jitendra Shah, Manida Unkulvasapaul
5, 6	National Capacity Self-Assessment (NCSA)	TA project and	The project aims to identify capacity gaps and to develop an action plan for stakeholders at all levels to facilitate the implementation of obligations under three international environmental conventions: UNFCCC, CBD, and UNCCD		Ongoing June 2008-May 2009	ONEP Land Development Department	\$200,000 From GEF	<u>UNDP</u> Phansiri Winichagoon
5	Guiding Manual for National and City Assessments on Climate Change	Study	This Guiding Manual is being prepared for national officers, research institutions, or other stakeholders who have to have to prepare city and national assessments on climate change. The aim of this manual is to provide a step-by-step process on addressing climate change adaptation and mitigation issues through by using relevant and sound scientific and socio-economic data.	3rd Draft is in process, based on comments from stakeholders during the 1st consultation meeting on Sept 13 and 14, 2007	Completed Sept. 2007 Dec. 2007	BMA, regional research institutions, and national focal points		<u>UNEP</u> Jinhua Zhang,
5	Eco-housing: Guidelines for Tropical Regions	Study	This document is meant to provide an overview for stakeholders who are interested in embarking on eco-housing projects	In draft form and under technical review	Completed Dec. 2007	RRCAP	---	<u>UNEP</u> Jacob Kurian Jacob.kurian@rrcap.unep.org
5	Bangkok Metropolitan Administration (BMA) Climate Change Action		As a consequence of the C40 Large Cities Climate Summit, New York, 14-17 May 2007, Bangkok as one of	To conclude action plan for public hearing	Completed 2007	Chulalongkorn U., Mahidol U., KMITT,	\$100K	<u>SEA START RC</u> Anond Snidvongs,

(2) GHG mitigation

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	Plan 2007-2012 – Policy options planning		the participating cities in the Summit realized the need for an Action Plan to address issues related climate change of the city. The objectives of this activity are to draft the Climate Change Action Plan that the City Administration will adopt as the frame for actions to address climate change issues And to ensure that the Action Plan is appropriately accepted by all relevant stakeholders.			Kasetsart U., BMA		Suppakorn Chnivanno

(6) International cooperation on CC mitigation