

## QUARTERLY PROJECT PROGRESS REPORT

**Project Title:** Tonle Sap Conservation Project

**Project Number:** 00038552

**Year/Quarter:** 2007/Q4

**Project Manager:** Hourt Khieu

### I. Summary of Progress

Professional inputs during the quarter were provided by four National and one International Specialists and Short-term Rural Credit Specialist, GoC staff (Ministry of Environment; Ministry of Education, Youth and Sports; Fisheries Administration), NUNVs, VSOs and the Biodiversity Monitoring, Livelihood Subcontractors, Heifer International Cambodia (partner for training) and trainers for fish cage culture.

Work focussed on this period was to:

- assess solar power system in Prek Toal;
- finalize Core Area Management Plans including financial plan of Stung Sen and Boeung Tonle Chhmar and print Prek Toal Core Area Management Plan in Khmer;
- mobilise materials for demarcation methodology for Boeung Tonle Chhmar and Prek Toal and conduct boundary demarcation awareness raising for Stung Sen;
- continue resource protection activities by Core Area staff and to finalize a strategy to enforce laws and regulations in and around the Core Areas;
- monitor a demonstration livelihood options provided by Prek Leap Agricultural College, Osmose, DATe and CEDAC and others and scale up these activities using UNDP TRAC fund (link with activities 5);
- review and assess capacity of the trained staff and plan forward for training programme;
- update a reporting on needs and priorities for additional protected sites in the Biosphere Reserve.
- finalise reports on Prek Toal Biodiversity monitoring and protection protocols including fire, crocodile, watersnake harvest, water birds, Bengo Florican, breeding population etc assemble all protocols into one report and continue support to the large waterbird protection system in Prek Toal;
- conduct trial delivery of livelihood message in support the mobile community outreach (MCO) programme (first round);
- review the possible approach for strengthen GECKO committee and develop displays for Prek Toal Information Centre and develop 18 signboards for TSBRS being posted in the main entries of TSBRS;
- finalize teacher and student manuals including develop and print all related IEC materials (e.g. TSBRS map, biodiversity posters, game card etc); and
- finally, scale up livelihood options with the support from newly recruited national micro-credit and saving specialist and three field workers, and strengthening community biodiversity/fishery committee in four protected areas of TSBRS.

**II. PROJECT FINANCIALS**

**III. PROJECT PERFORMANCE**

**OUTPUT 3.1**

**Description:** Capacity for management of biodiversity in the Biosphere Reserve Core Areas is enhanced

**2007 target:** Equipment of energy (solar power) for both core areas in Kompong Thom; Completion of Management Plans for Prek Toal, Stung Sen and Boeung Chhmar Core Areas; completion of demarcation of Stung Sen; Boeung Tonle Chhmar and Prek Toal boundaries initiated; field surveys completed for additional areas requiring protection/ conservation management; conduct a trial demonstration for livelihood options with; completion of the first training in protected area management including national reflection workshop and review mission by the international training specialists; and on-going review of protected areas within Tonle Sap Biosphere Reserve (TSBR)

**Activity ID:** Activity 3.1.1 Establishment and equipment of Protected Area Management Centres and Core Area Management Centres

**Start and End Date:** Q1 2005 – Q3 2007 (extended from Q2 2007)

**% progress towards activity completion:** 100% (all five centres are completely operated and basic equipment for the management and operation of the centres are provided in according to the plan).

**Description of target(s)/deliverable(s) for the quarter:**

1. assess the current use of Prek Toal Core Area Management Centre by Khmer Solar Co, Ltd.

<b>Quality of deliverable(s)</b>	<b>Timeliness</b>	<b>Resources</b>
<p><b>1. Indicate whether deliverable met quality criteria set by the project .Yes.</b></p> <p>The solar power system in Prek Toal was assessed by the Khmer Solar Co, Ltd, because the system provided by solar was found a problem. Continuing this problem will damage a whole system being invested if action was not taken.</p> <p>An employee of Khmer Solar (the supplier) has recently visited Prek Toal, and they found that three batteries were out of order and they will be replaced at the supplier's expense.</p> <p>We will further to our ongoing discussions on this matter and reassurance that the solar power system installed at Prek Toal is being used and operated properly. If so, we can minimize the risk of further damage to or failure of the system. This needs a further discussion with the company to find</p>	<p><b>Indicate if deliverable produced within deadlines</b> Yes</p>	<p><b>Indicate if in line with approved budget</b></p> <p>No cost is spent. Khmer solar is free service provider.</p>

possible solution (such as provide training to users/managers and prepare instructions etc) to manage the system in a sustainable way.		
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<p><b>Activity ID:</b> Activity 3.1.2 Development of Core Area management plans  <b>Start and End Date:</b> Q3 2005 – Q4 2007 (revised from Q2 2007)  <b>% progress towards activity completion:</b> 90% (one of three core area management plans completed and other two are getting a final version and awaiting a approval from MoE after the national consultation on the 7 December 2007).</p> <p><b>Description of target(s)/deliverable(s) for the quarter:</b></p> <ol style="list-style-type: none"> <li>1. Translate Prek Toal Core Area Management Plan and print 500 copies.</li> <li>2. Conduct a national consultation for Stung Sen and Boeung Tonle Chhmar and develop financial plan and finalize the plan for printing of 500 copies.</li> <li>3. Print 14 maps for Stung Sen and Boeung Tonle Chhmar and disseminate to key stakeholders at provincial, district, commune, village offices and school.</li> <li>4. Mobilize all materials and equipment to the Boeung Tonle Chhmar core area prepared for boundary demarcation starting in earlier 2008 and review boundary demarcation methodology and holds a meeting to discuss and agree boundary demarcation in Prek Toal core area.</li> </ol>		
<b>Quality of deliverable(s)</b>	<b>Timeliness</b>	<b>Resources</b>
<p><b>1. Indicate whether deliverable met quality criteria set by the project Yes.</b></p> <p>Prek Toal Core Area Management Plan was translated into Khmer and would be ready by the January 2008 for printing of 500 copies</p>	<p><b>Indicate if deliverable produced within deadlines</b></p> <p>Yes</p>	<p><b>Indicate if in line with approved budget</b></p> <p>Yes</p>
<p>2. Yes.</p> <p>National consultant was conducted in December 7<sup>th</sup> 2007 hosted by the Cambodia National Mekong Committee, Excellency Sin Nini and about 20 key agencies charged with fisheries management, environmental management and land use planning, and relevant international organization. The consultation is aiming at introducing, findings and proposed management measures. In addition, financial plan for both sites were developed.</p> <p>All suggestions and recommendations had been incorporated and submitted finalized plans to MoE for Ministerial signature. Printing and distribution would be scheduled in March 2008.</p>	<p>A bit delay (about a month) is due a delay national consultation, but no any effects of the delay</p>	<p>Budget planned for printing the CAMP will be used in quarter 1 2008, not quarter 4 2007.</p>

<p>3. Yes.</p> <p>Print 14 maps (map showing boundary demarcation points) and laminate those maps for the use of awareness raising in Stung Sen and posted at the main offices such as village, commune, district and provincial office and public premises. Awareness raising for Boeung Tonle Chhmar will be subsequently conducted after the completion of the boundary by mid 2008.</p>	<p>Yes</p>	<p>Yes</p>
<p>4. Yes.</p> <p>Boundary demarcation materials and tools for Boeung Tonle Chhmar are delivered to the six points and ready for construction soon.</p> <p>Team Adviser reviewed current status of Core Area boundary demarcation activities and specifications for boundary demarcation towers and signage for Prek Toal are reviewed and advised. The agreement for the instalment is developed between TSCP and PIU and the work will be commenced by 2008.</p> <p>Procured and delivered solar lights for boundary towers in Stung Sen and other two areas will be subsequently delivered due to completion of the instalment.</p>	<p>Yes</p>	<p>Yes</p>

<p><b>Activity ID:</b> Activity 3.1.3 Development and implementation of a strategy to enforce laws and regulations in and around the Core Areas  <b>Start and End Date:</b> Q1 2006 - Q4 2011  <b>% progress towards activity completion:</b> 50% (the development and implementation of a strategy to enforce laws and regulations in and around the Core Areas are getting into a final draft).</p> <p><b>Description of target(s)/deliverable(s) for the quarter:</b></p> <ol style="list-style-type: none"> <li>Continuation of protection activities at Prek Toal, Stung Sen and Boeung Tonle Chhmar Core Areas by Core Area staff and other protected areas of Kompong Chhnang and Pursat.</li> <li>Finalise a strategy to enforce laws and regulations in and around the Core Areas.</li> </ol>		
<p><b>Quality of deliverable(s)</b></p>	<p><b>Timeliness</b></p>	<p><b>Resources</b></p>
<p><b>1. Indicate whether deliverable met quality criteria set by the project. Yes</b></p> <p>Under financial support from the Project,</p>	<p><b>Indicate if deliverable produced within</b></p>	<p><b>Indicate if in line with approved budget</b></p>

<p>managers and their rangers are continuing the protection activities in the three core areas and two protected sites of Kompong Chhnang and Pursat.</p> <p>Strategy and methodology used to enforce the laws in Prek Toal core area is basically adapted methodology from Wildlife Conservation Society (WCS) and other two core areas of Kampong Thom and two protected areas of two provinces above is adapted the law enforcement strategy and methodology developed by protected areas management of Ministry of Environment.</p>	<p><b>deadlines</b> Yes</p>	<p>Yes</p>
<p>2. Yes</p> <p>A strategy to enforce laws and regulations in and around the Core Areas are developed by International Protected Area Specialist and it is now under a final version.</p> <p>Incorporated law enforcement and regulatory actions in all Core Area Management Plans and compiled draft submitted to the team members for review and completion of information mid-December 2007. Finalization, printing and distribution schedule will be starting in March 2008.</p>	<p>Yes</p>	<p>Yes</p>

**Activity ID:** Activity 3.1.4 Identification of income-generation activities that directly threaten biodiversity in the Core Areas, and development of alternative livelihoods to modify these activities.

**Start and End Date:** Q4 2005 - Q4 2011

**% progress towards activity completion:** 65% (i.e. livelihood options is assessed and livelihood enhancement groups have being formulated and demonstration and replication of current and new livelihoods activities are conducted and scaled up)

**Description of target(s)/deliverable(s) for the quarter:** (points 2-5 link to activity # 5)

- 1- Recruit and mobilize staff (rural credit specialist, NUNV field workers) and mobilize community involved in livelihood activities (link to activity #5)
- 2- Train those staff including communities people (rangers)
- 3- Advertisement, selection and award the subcontracts and monitor the subcontract
- 4- Select communities and implement vegetable garden project and monitor
- 5- Strengthen by community protected areas

Quality of deliverable(s)	Quality of deliverable(s)	Quality of deliverable(s)
<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.</p> <p>One national rural credit specialist and 4 NUNV field workers are recruited and they are all stationed at the three core areas.</p>	<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.</p>	<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.</p> <p>about 10,000 is under spent</p>
<p>2. Yes.</p> <p>Two continuous courses on village base holistic approach and formulation of Self Help Group and Community Planning and Project Proposal Development were conducted to 7 NUNVs, 6 rangers and 4 PIU staff from Battambang and Kompong Thom. The approach was adapted from Heifer International Cambodia. Taking this opportunity, the TSCP management team shared three short sessions related to: 1) overall project goal, objectives and activities including project organizational structure; 2) how to build a team work; and 3) project implementation.</p> <p>All of these courses would help them to have a entitle vision of the project; build a good relationship among peers and community and increase accountability, gender sensitization, effectiveness and efficiency of the work. The remaining course modules will be conducted by Heifer as scheduled, i.e. January and April/May 2008. The courses are closely participated and followed up by National Sustainable Livelihoods Specialist.</p>	<p>Partly.</p> <p>There is a delay of one course due to the time unavailability of trainers.</p>	<p>Budget would be underspent of about 3,000. However, the project will allocate TSCP budget to cover this cost in 2008.</p>
<p>3. Yes.</p> <p>The following subcontractors/training institutions are offered the services:</p> <ol style="list-style-type: none"> <li>1- International Development Enterprises (water filter). 2850 families will received benefit from water filters from the project.</li> <li>2- 24 local people from Stung Sen and Prek Toal Core Area (12 people each) participated in the study tours separately to Capacity Community Development (CCD) project located in Kompong Chhnang and Banteay Meanchay to broadly explore their understanding on micro-credit and saving</li> </ol>	<p>Yes</p>	<p>Budget would be underspent about 40,000 (on mushroom of about 10,000, fish cage of 18,000, sundry of 5,000 and other)</p>

<p>management issues and practice.</p> <p>3- 70 families received benefit from fish cage culture training and all are involved in fish raising at family scale</p> <p>4- three training courses on fish raising culture were conducted: two in Prek Toal core area and one in Beoung Tonle Chhmar by CEDAC(Trainer: Mr. Reach Sopheap) and Royal University of Agriculture (Trainer: Mr. Huot Vutha).</p> <p>5- saving and credit scheme was introduced and initiated with facilitation of NUNVs in the 3 core areas. Totally 70 saving group members participated in the training.</p> <p>The project is delivering water filter and Fuel Efficiency Cook Stoves (FECS) to the saving groups and the delivery will be completed by Q1 08' but members need to buy it from their saving group with the low cost of which subsidized by the project and money from water filter and FECS is deposited to their saving group. This money will be generated into their saving banks and used among the members.</p> <p>To date the following achievement are:</p> <ul style="list-style-type: none"> <li>- People aware of the essential of FECS through cooking demonstrations conducted in Prek Toal and Stung Sen</li> <li>- Ecotourism in Peak Kantel was established with home stay, paddle boat service, cooking/food service and visitor tour around the village</li> <li>- Final By-Law for LEG/Self-Help Group (SHG)</li> <li>- Training Materials: SHG Institutional Capacity Building (for student and trainer and training evaluation form)</li> <li>- Draft SHG Development Framework (matrix)</li> <li>- Guidance for NUNV for forming SHG</li> <li>- There are 18 saving groups were formulated of which consists of 522 families.</li> </ul>		
<p>4. Yes.</p> <p>Approximately 30 families were selected from the three core areas for demonstration of vegetable/herb on floating garden. A criterion of</p>	<p>yes</p>	<p>yes</p>

<p>selection is based on community or LEG decision. Most of the members of saving group are women.</p>		
<p>5. Yes</p> <p>Eight community conservation areas within four provinces are strengthened through the establishment and equipment of community conservation areas (e.g. community meeting shelters/operation office) including providing communication unit, transports (i.e. motor boats) and other patrolling materials/equipment, water filters and efficiency cook stoves and demarcation and marking boundary of these areas using local boundary methodology. In addition, replanting flooded forests and construction of the platforms</p>	<p>Yes</p>	<p>Yes</p>
<p><b>Activity ID:</b> Activity 3.1.5 Development and implementation of staff training in protected area management</p> <p><b>Start and End Date:</b> Q3 2005 - Q4 2011</p> <p><b>% progress towards activity completion:</b> 70% (i.e. the first tranche of training is successfully completed and subsequently a national reflection workshop and training reviews by International Training Specialist and International Team Adviser including two study tour done.</p> <p><b>Description of target(s)/deliverable(s) for the quarter:</b></p> <ol style="list-style-type: none"> <li>1. Review a current system and capacity of the staff who manage the system</li> <li>2. Design the training, schedule for solar power training and implement training</li> </ol>		
<p><b>Quality of deliverable(s)</b></p>	<p><b>Timeliness</b></p>	<p><b>Resources</b></p>
<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.</p> <p>After a completion of the first tranch of training programme, it was required to review and come up a future training programme (2008-2011).</p> <p>As a result, the International Team Adviser, Richard Salter with the inputs from Hourt Khieu, National project Manager and the International Training Specialist who provided oversight, review inputs mission report during brief follow-up missions in mid-2006 and mid-2007. The plan was presented at the board meeting.</p>	<p><b>Indicate if deliverable produced within deadlines</b> Yes</p>	<p><b>Indicate if in line with approved budget</b> Yes</p> <p>For retraining, we already allocated budget for additional new training which will response to the requirement.</p>



<p>The review has current progressed on the programme and study tours and identifies main elements of training for 2008-2011. This review have been assessed on the basis of the training and evaluations already completed, as outlined above, and additional discussion with TSCP and GoC staff and due to remaining budget availability, the following are the main elements of the training programme proposed for the remainder of the Project period.</p> <ol style="list-style-type: none"> <li>1- Training on Implementation of Core Area Management Plans</li> <li>2- MIST Training</li> <li>3- Ranger Study Tour to Thale Noi, Thailand</li> <li>4- Ranger Study Tours to Virachey National Park and Bokor National Park, Cambodia</li> <li>5- Other trainings such as demand for English language training, accounting, and also for computer training.</li> </ol>		
<p>2. Partly.</p> <p>Due to report of improper use of the solar power system at Prek Toal, the Project had developed TOR for review of use and maintenance of the solar power system installed at Prek Toal Core Area had been developed and shared with Khmer Solar. And further discussions on this matter with the Khmer Solar, employees of Khmer Solar (the supplier) has recently visited Prek Toal and investigated that three batteries are not out of order and must be replaced at the supplier's expense. As ToR is not be addressed or otherwise reported to us, we had again contact with the Khmer Solar email by Hourt Khieu.</p> <p>Our further ongoing discussion will be reassured that the solar power system installed (at TSCP expense) at Prek Toal is being used properly will need to minimize the risk of further damage to or failure of the system. The follow up will be made.</p>	<p>Partly,</p> <p>designation and schedule of training will be subsequently provided due to absence of the director of the company.</p>	<p>Yes.</p>
<p>3. Yes (not in the plan).</p> <p>The latest version of the MIST proposal that Tom Clements and Richard have been working on is now finalized and sent to board members for their review and input. If agree it would be implemented.</p>	<p>Yes</p>	<p>Yes.</p> <p>This year is no requires budget for the programme, but we would</p>

<p>This is a cost-sharing basis, rather than as a contract. Basically TSCP would pay for trainers, training costs, equipment and system operation, and WCS for technical advisors. This project is good and relevant. It is consistent with MoE's approach to management of protected areas elsewhere in Cambodia and project outputs.</p> <p>We would therefore suggest that we: 1) frame this as a joint WCS/TSCP/MoE endeavour, with MoE having ownership and TSCP and WCS having supportive funding and technical roles; 2) make it clear that this is completely separate from WCS's Biodiversity Monitoring Subcontractor responsibilities, and that funding inputs identified as a WCS contribution <u>do not</u> come from the UNDP/GEF funding already allocated to BMS activities (this will in any case be subject to audit confirmation); and 3) ensure complete clarity on what will be done, when and by whom, including a firm budget for first year activities (which we have) and at least budget estimates for years 2, 3 and 4 (which remain to be developed, preferably prior to submission for Board approval).</p>		<p>reallocate budget for the programme for next year and year 2, 3 and 4 if the board agrees.</p>
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<p><b>Activity ID:</b> Activity 3.1.6 Development and implementation of standardized procedures for the designation of protected sites within the TSBR</p>		
<p><b>Start and End Date:</b> Q1 2006 - Q3 2008 (revised from Q2 2006)</p>		
<p><b>% progress towards activity completion:</b> 75% (a final report will be finalised by next quarter)</p>		
<p><b>Description of target(s)/deliverable(s) for the quarter:</b></p>		
<ol style="list-style-type: none"> <li>1. Field surveys of potential conservation sites by MoE PIO and PIU staff will be conducted</li> <li>2. Preparation of reporting on needs and priorities for additional protected sites in the Biosphere Reserve</li> </ol>		
<p><b>Quality of deliverable(s)</b></p>	<p><b>Timeliness</b></p>	<p><b>Resources</b></p>
<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.  On progress. Most of protected sites being identified by PIU and PIO staff were approved by</p>	<p><b>Indicate if deliverable produced within deadlines</b> yes</p>	<p><b>Indicate if in line with approved budget</b> Yes</p>

Senior Minister and Provincial Governors.  Mapping of these areas are made and get sign off by all key stakeholders. Criteria for selection are approached by MoE process with a technical backup from TSCP.		
2. Yes  Continued ongoing review of needs and priorities for additional protected sites in the Biosphere Reserve, and updated reporting and awaiting completion of peer review and addition of current/developing information. Finalization, printing and distribution scheduled starting March 2008.	yes	Yes

### OUTPUT 3.2

**Description:** Systems for monitoring and management of biodiversity are developed

**2007 target:** continuing implementation of a biodiversity monitoring system by the Biodiversity Monitoring Subcontractor

<p><b>Activity ID:</b> Activity 3.2.1 Design and implementation of a biodiversity monitoring programme for the TSBR  <b>Start and End Date:</b> Q3 2005 - Q4 2011  <b>% progress towards activity completion:</b> 50%  <b>Description of target(s)/deliverable(s) for the quarter:</b></p> <ol style="list-style-type: none"> <li>1. Regular conduct monthly waterbird protection and monitoring and review monitoring and protection protocols and implemented as appropriate</li> <li>2. Updating of biodiversity monitoring database for TSEMP</li> <li>3. Distributing reporting to key stakeholders. Continued monitoring surveys of core areas according to the protocols.</li> </ol>		
<b>Quality of deliverable(s)</b>	<b>Timeliness</b>	<b>Resources</b>
<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.</p> <p>A completion of a final report on the analysis of the waterbird colony monitoring data collected during 2001 – 2007, which is being printed currently and distribution will be ready by the end 2007.</p>	<p><b>Indicate if deliverable produced within deadlines</b> Yes</p>	<p><b>Indicate if in line with approved budget</b> Yes</p>

<p>Annual monitoring of Prek Toal Core Area has been conducted since 2001, including ground-based platform counts and aerial surveys (in 2005, 2006 and 2007), and comprehensive reporting completed and is now in printing and distribution will be early 2008.</p> <p>Complete protocols for:</p> <ul style="list-style-type: none"> <li>• breeding colonies of large waterbirds</li> <li>• watersnake harvests</li> <li>• breeding Bengal florican populations (protocol includes capture of information on post-breeding dispersal of large waterbirds in grasslands)</li> <li>• crocodiles (not formally part of BMS contract, but methodology and monitoring information is being shared)</li> </ul>		
<p>2. Yes</p> <p>Data entry complete to end 2007. Total &gt;150,000 records. This can be made available to the TSBRS database on request.</p>	Yes	Yes
<p>3. Yes</p> <p>Hard copies of all reporting products produced to date have been provided to the TSBRS Secretariat for entry in the metadatabase being prepared with TSEMP support.</p> <p>Asian Waterfowl Census completed in winter 2006 and 2007.</p>	Yes	Yes
<p><b>Activity ID:</b> Activity 3.2.2 Establishment of a rapid response mechanism for seasonal protection of biodiversity  <b>Start and End Date:</b> Q3 2005 - Q4 2011  <b>% progress towards activity completion:</b> 35%  <b>Description of target(s)/deliverable(s) for the quarter:</b></p> <ol style="list-style-type: none"> <li>1. Continuation of protection activities at Prek Toal by Biodiversity Monitoring Subcontractor and MoE/Prek Toal Core Area staff</li> </ol>		
<p><b>Quality of deliverable(s)</b></p>	<p><b>Timeliness</b></p>	<p><b>Resources</b></p>
<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.</p> <p>Biodiversity protection and rapid response mechanisms are already well-established at Prek</p>	<p><b>Indicate if deliverable produced within deadlines</b> Yes</p>	<p><b>Indicate if in line with approved budget</b> Yes</p>

<p>Toal (e.g., Goes 2005), and these are being used as a model for establishment of protection activities at Stung Sen and Boeung Tonle Chhmar Core Areas, using GoC and TSCP resources. Key protection activities also are integrated in MIST implementation protocols and in the Core Area Management Plans (TSCP 2007a, 2007b, 2007c).</p> <p>Initial MIST training of Prek Toal, Stung Sen and Boeung Tonle Chhmar Rangers was conducted mid-2007.</p>		
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<p><b>Activity ID:</b> Activity 3.2.3 Development of a strategy for the control of exotic species, and implementation of management trials  <b>Start and End Date:</b> Q1 2006 - Q4 2011  <b>% progress towards activity completion:</b> 35% Comprehensive report on status of invasive species in the TSBR and proposed control programmes completed December 2006.</p> <p><b>Description of target(s)/deliverable(s) for the quarter:</b>  No specific targets were set for the quarter, although opportunities for implementation under ongoing livelihoods (e.g., charcoal manufacture from water hyacinth) and environmental awareness programming are continuously evaluated.</p>		
<p><b>Quality of deliverable(s)</b></p>	<p><b>Timeliness</b></p>	<p><b>Resources</b></p>
<p><b>1. Indicate whether deliverable met quality criteria set by the project.</b> yes</p> <p>As indicated in 3.2.1 and 3.2.2 the above</p>	<p><b>Indicate if deliverable produced within deadlines</b> Yes</p>	<p><b>Indicate if in line with approved budget</b> Yes</p>

**OUTPUT 3.3**

**Description:** Awareness, education and outreach on biodiversity conservation in the TSBR are promoted

**2007 target:** continuing development of a comprehensive Environmental Awareness, Education and Outreach Programme, and training of government staff in its implementation

**Activity ID:** Activity 3.3.1 Development and implementation of an environmental awareness, education and outreach programme

**Start and End Date:** Q1 2006 - Q4 2011

**% progress towards activity completion:** 50%

**Description of target(s)/deliverable(s) for the quarter:**

1. Conduct MCO trials of four provinces in collaboration with PIUs
2. Develop a detailed MCO outreach itinerary for the 5 provinces.
3. Start implementation 1st round MCO in each province.

<b>Quality of deliverable(s)</b>	<b>Timeliness</b>	<b>Resources</b>
<p><b>1. Indicate whether deliverable met quality criteria set by the project. yes</b></p> <p>MCO trail have been conducted in each of the 5 provinces on energy topic during the quarter. There are 215 people (102 women) across five provinces participated in the MCO activities.</p> <p>The Mobile Video Units developed and used were appreciated by most of audiences and implementers. However, we found that the Units are malfunctioning and due to either misuse or insufficient maintenance by PIU staff. This needs to be clearly identified and corrected, including informing PIO and PIU heads of the problem. Likewise if the problem is due to inappropriate design or assembly. This needs to be taken up with L&amp;L by the informal education group leader of the TSCP, Mr Tour Veasna to take quick and effective action regarding the use of the Units.</p> <p>Although the units are malfunctioning, but the team were able to adapt and provide effective delivery using poster and other education materials serving the same purpose and contents.</p>	<p><b>Indicate if deliverable produced within deadlines</b> Yes</p>	<p><b>Indicate if in line with approved budget</b> Yes</p>
<p>2. Party.</p> <p>A draft itinerary has been developed and would be</p>	<p>partly</p>	<p>no budget require</p>

<p>discussed at the meeting in January 15<sup>th</sup>, 2008 (agenda is prepared).</p> <p>The meeting in January 2008 will review the progress and shortfalls in its implementation and develop details schedule for MCO activities. A delay of developing itinerary would not adversely affect to the project implementation. A previous MCO is considered as a trail demonstration and lesson learn from these trails would be helpful in making a better plan.</p>		
<p>3. Yes.</p> <p>The 1st round of MCO activity were conducted by PIU staff in Kampong Thom province on Energy. There are 31 people (4 women) participated in the MCO activities.</p>	yes	yes

<p><b>Activity ID:</b> Activity 3.3.2 Provision of environmental education centres  <b>Start and End Date:</b> Q1 2005 - Q4 2011  <b>% progress towards activity completion:</b> 60% (completion of GECKO renovation, but remain Prek Toal [but similar concept] and require an establish management committee for GECKO).</p> <p><b>Description of target(s)/deliverable(s) for the quarter:</b></p> <ol style="list-style-type: none"> <li>1. Produce signboards (3 per province) and install in 5 provinces.</li> <li>2. Establish management committee for the GECKO centre.</li> <li>3. Floating centre at Pursat is renovated (repair) in the shared cost with TSEMP project</li> <li>4. Prek Toal displays developed and installed</li> </ol>		
<b>Quality of deliverable(s)</b>	<b>Timeliness</b>	<b>Resources</b>
<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> partly.</p> <p>Signboards message were finalized and the signboards are in a progress with development and would be schedule to install in early 2008.</p>	<p><b>Indicate if deliverable produced within deadlines</b> Partly.</p>	<p><b>Indicate if in line with approved budget</b> Yes</p>
<p>2. partly.</p> <p>Since our partner SCW is withdrawn to the technical support for management of GECKO Centre, we made a lot of discussion with possible organizations such as Live and Learn and</p>	<p>Partly.</p> <p>Delay is due to cancellation of previous partner for</p>	<p>Yes.</p>

<p>OSMOSE for their cooperation. However, this is not interested for them. We are right now struggle with how best to manage the centre in a long run and ensure the Centre are well managed and sustainable operation.</p>	<p>those interests to provide service rather than join as partner and in addition, other two organizations are not so interested either.</p>	
<p>3. yes</p> <p>The floating centre at Kampong Loung, Pursat is completely renovated for the aim of environmental education centre. In next month, the EAEO team will establish the centre into environmental information centre for Pursat.</p>	<p>Yes</p>	<p>Yes. We allocated budget of about US\$ 2,500 for the cost shared with TSEMP. However, our NPD requests TSCP to provide full support due to TSEMP is financially closed for procuring a goods.</p>
<p>4. Partly.</p> <p>Prek Toal information centre were established for the instalment of environmental displays in the aim for tourists who visit the site. A design of the panels are developing and currently is under seeking possible designer and planning for instalment will be scheduled in early next year.</p>	<p>a delay of instalment.....</p>	<p>yes.</p>

**Activity ID:** Activity 3.3.3 Integration of EAEOP into selected schools around the TSBR  
**Start and End Date:** Q1 2006 - Q4 2011  
**% progress towards activity completion:** 40% (teacher and student manuals are currently developed and hope to complete by the end of the year and then follow with the implementation of the school programme)

**Description of target(s)/deliverable(s) for the quarter:**

1. Prepare and finalize teacher manuals for grade 4-6 and 7-9
2. Prepare and finalize student manuals for grade 4-6 and 7-9
3. Organise a consultative workshop to comment on the manuals
4. Conduct four field trials in 2 provinces



<p>5. Develop and collect necessary IEC materials 6. Get the manuals approved and printed</p>		
Quality of deliverable(s)	Quality of deliverable(s)	Quality of deliverable(s)
<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes. Consultations were held with the writing team to ensure timely delivery and quality control.</p> <p>Finalization of the teacher manual and planning schedule for getting approval and print will be starting in early 2008.</p>	<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.</p>	<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.</p>
<p>2. Yes.</p> <p>Finalization of the students' manual and planning schedule for getting approval and print will be starting in early 2008.</p>	Short delay	Yes
<p>3. not yet</p> <p>The consultative meeting will be organized after the final drafts of the manuals were completed. A short delay in manuals development lead to a delay in this event. This will not make any significant impact on the program.</p>	Short delay	yes
<p>4. not yet</p> <p>While the both manuals are yet completed causes the delay of this activity. No major implication due to this delay. Tasks 2,3,4 is subsequently in order.</p>	Short delay	yes
<p>5. yes</p> <p>Several IEC materials are developed including TSBRS maps, environmental posters, gathering other materials related to education, progress is made between Mlup Baitong and TSCP in regarding to the development of education materials.</p>	Yes	yes
<p>6. Not yet. The manuals mentioned above are yet finalized.</p>	Short delay	yes
<p>7. yes (not in the plan)</p>	yes	yes

<p>TSCP provided financial support to Department of Environmental Education, Communication and Information of MoE and TVK to organize youth debate on environment subjects focusing on “Natural Resources and Conservation in TSBR”.</p> <p>The debate was held at TVK studio with a participation of about 100 students and lecturers from 4 universities in the city of Phnom Penh (60% are women). This debate will be broadcasting through the TVK and other two channels and this will be exposed to public at large.</p>		
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**OUTPUT 3.5**  
**Description:** Sustainable livelihood activities in the TSBR especially in the three core areas are scaled up  
**2007 target (only Q4 07’):**

**Activity ID:** Activity 3.5. scale up a sustainable livelihood activities in the TSBR especially in the three core areas and strengthen community natural resource management areas (link to Activity # 3.1.4)

**Start and End Date:** Q4 2007 - Q4 2007  
**% progress towards activity completion:** 100%  
**Description of target(s)/deliverable(s) for the quarter:**

1. Recruit and mobilize staff (credit specialist and field workers)
2. Train those staff including communities people (rangers)
3. Advertisement, selection and award the subcontracts and monitor the subcontract
4. Select communities and implement vegetable garden project and monitor
5. Strengthen by community protected areas

<b>Quality of deliverable(s)</b>	<b>Timeliness</b>	<b>Resources</b>
<p><b>1. Indicate whether deliverable met quality criteria set by the project</b> Yes.   <b>same as the above (act# 3.1.4)</b></p>	<p><b>Indicate if deliverable produced within deadlines</b> Yes</p>	<p><b>Indicate if in line with approved budget</b> Yes</p>

#### IV. PROJECT IMPLEMENTATION ISSUES

##### Risks

**Indicate if any change in the project's risk analysis.** There has been no significant change in the risk analysis. All risks are continuously monitored and necessary responses incorporated in the Project's activities.

No	Risk	Progress
1	The need for close inter-agency cooperation with MoEYS is in early stage yet.	NEES often visited and consulted with the writing team and planned with them for getting the manuals approved by MOEYS and field test and training programme.
2	Levels of technical capacity within the implementing agencies; and implementing land use changes on the ground.	There was a project established at TSBRS, funded by ADB, aimed at building capacity of government staff in land use classification and buffer zone monitoring. This project will help to develop land use classification and maps around the lake.
3	The need for shared work plans between all implementers of the TSCP would be vital.	<p>There was a meeting was conducted with key stakeholders of the project to review the quarterly progress and work plans. This meeting brought their commitment in submission of proposal for Mobile Community Outreach and implementing livelihood and community fishery timely and effectively.</p> <p>There were an annual technical review meeting (held in 21 Nov 2007) to review the annual progress was made in 2007 and present 2008 proposed annual work plans. In addition, UNDP also shared gender issue and get them exercise on the effective project implementation and result management guide. Afterward these are discussed and approval at the board meeting (11 Dec 2007). These meetings lead to approval of APR and AWP without any doubts.</p>
4	Management capacity of local community groups (i.e. saving committee) in managing credit and saving programme and ability of local people to pay for water filter and efficient cook stove.	Micro Credit and saving Specialist is recruited. With the support from NUNVs, self help group are formed and routinely strengthened. A so far, a final bylaw for self help group developed, training materials prepared; SHG Development Framework (matrix) drafted and self-assessment tool for SHG, and SHG accounting and administrative tools

		developed. All of these elements would help to eliminate unnecessary issue, but build capacity of community leaders to manage credit and saving programme.
5	Lack of service providers on fish culture training	Done.
6	Low participation from local people in purchasing water filter and efficient cook stove. People are often expecting to get goods free.	Rapid assessment from livelihood team we had seen the sign of increasing their interesting in purchasing these goods. The price excludes transports and services. TSCP is subsidized some cost.
7	School teachers are unable to participate in the training due to busy	It is in early stage yet.
8	Lack of commitment from FiA, funding agencies and collaboration from concerned ministries in implementation of the CAMP.	This risk had been shared with the project board and possible solution will be discussed in the next board meeting.

Risks identified for this quarter are related to:

Type of Risk	Risk Identification	Implication	Risk Responses
Legal status (sign off by Minister)	Mr. Kheng rejected to bring the core area management plans in English for Stung Sen and Beoung Tonle Chhmar to get sign off from Minister, but request both language at the time whereas differs from the CAMP for Prek Toal, which English version signed first and translation will be pursued afterward.	Delay signing of the plans can delays the implementation of the plans and in addition, if there are a major change the author will not do it.	Richard will write a memo to Kheng and hand over the plans in English to him before he left and let him to decide how best to do this (i.e. translation and get sign off).
Technical Capacity of government staff	Limitation of government staff participation and ownership of the TSCP project activities.	The failure in handing over to government staff by the end of 2008 and then we might be constraint of budget to extent our National Specialists	Continue to provide trainings if necessary and select the best staff to closely work with each group leader and reallocate budget for extend national specialists

		for certain period of time for support (i.e. building their capacity).	
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## Issues

**Indicate any issue affecting project implementation during the past quarter. Highlight issues requiring a decision from the project board, if any.**

There are no major outstanding issues facing the project at this period. Development of effective cooperation with MoE and MoEYS are gradually improved.

- One government staff, Ms. Sor Poline was nominated to work with EAEOP team since November 2007 and currently she is busy with her assignment at the Ministry of Environment even though we agree that at least one day a week she come down to the office and develop activities plan with the team. Her absence is not causing any delay of the programme. The team is approaching to working with the provincial staff and established team from MoEYS and TSCP is planning to recruit Assistant Programme by next quarter.
- It was difficult to get service providers (e.g. water filter and efficiency cook stove) to deliver them on time due to Small Grant Programme also ordered large amount and subcontracted with other NGOs to do the same activity. However, it is not considered as a failure, but it leads to a delay of delivery for couple weeks.
- There was malfunctioning of the use of the Mobile Video Units due to misuse or insufficient maintenance by PIU staff or other reasons. Their malfunctioning can be poorly presented environmental education message to community and level of their understanding of the message are considered limit. While they were, we obviously recommend the team to take quick and effective action regarding the use of the Mobile Video Units, whether it caused by the misuse or insufficient maintenance by PIU staff (e.g., it seems to me not to require much preparation on their part to ensure that batteries are working, prior to transport to the field), this needs to be clearly identified and corrected the root of the problem lies elsewhere, including informing PIO and PIU heads of the problem. Likewise if the problem is due to inappropriate design or assembly this needs to be taken up with L&L, and an acceptable solution found.

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