

Annex 1. Project 14:007. Report of progress and achievements against Logical Framework for financial year 2005/2006

Project summary	Measurable Indicators	Progress and achievements April 2005-March 2006	Actions required/planned for next period
<p>Goal: To draw on expertise relevant to biodiversity from within the United Kingdom to work with local partners in countries rich in biodiversity but poor in resources to achieve:</p> <ul style="list-style-type: none"> • the conservation of biological diversity, • the sustainable use of its components, and • the fair and equitable sharing of benefits arising out of the utilisation of genetic resources 			
<p>Purpose Coral reef biodiversity protected and programme for sustainable use of reef resources established through implementation of integrated strategies devised jointly by reef managers, local communities and other stakeholders.</p>	<ul style="list-style-type: none"> ○ Biodiversity conservation zones operational by yr 2. ○ Species and habitats 'at risk' given special protection by yr 1. ○ Resource use carried out under permit and according to agreed strategy by yr 2. ○ Alternative livelihoods programme operating and evidence of economic viability by yr 3. ○ Direct exploitation of reef resources reduced by yr 3. ○ Evidence of recovery of protected and /or managed species and habitats by yr 3. 	<ul style="list-style-type: none"> ○ Proposals for biodiversity conservation zones, species and habitat protection and resource use have been discussed with local community and other stakeholders, resulting in the production of a draft Action Plan and regulations for TSMP. ○ Trial '<i>Patrol Report Form</i>' produced for Sabah Parks to record activities in the TSMP (in separate folder). ○ Hatchery for marine invertebrate culture nearing completion and trials on giant clams proving successful. ○ Coral reef and socio economic monitoring begun and providing baseline information against which recovery can be assessed. 	<p>Key actions for the next period are to refine and finalise the regulations, after which they will be made law.</p> <p>Plans for surveillance and enforcement will be further developed, together with a public awareness campaign.</p> <p>The mariculture and sea ranching programme will be further developed.</p>
<p>Outputs</p>			
<p><i>Biodiversity conservation (no-take) zones in place and enforcement operating.</i></p>	<ul style="list-style-type: none"> ○ Options for location of zones and boundaries produced by month 6. ○ Boundaries decided and implementation timetable agreed by yr 1. ○ First conservation zones established in yr 2 and additional ones by yr 3. ○ Surveillance and enforcement mechanisms developed and operational by yr 2. 	<ul style="list-style-type: none"> ○ Discussion paper on Zoning Scheme produced for Workshop 1 (June 2005. See <i>Workshop Report 1</i>) and feedback obtained for further discussion at Workshop 2 (October 2005. See <i>Workshop Report 2</i>). ○ Leaflet & posters on Zoning Scheme produced for awareness programme during Boatshows (June, October 2005 and Feb 2006) and feedback obtained (see <i>Posters and leaflets</i> in folder) ○ Eastern sector of lagoon agreed as first no-take zone as from January 2006. ○ Further discussion on Zoning Plan at Stakeholder Meeting in Feb 2006 (see <i>Report of Stakeholder meeting</i>). ○ Final revision and agreement of implementation timetable following Stakeholder Meeting (published in '<i>Action Plan and Proposed Regulations for TSMP</i>' in March 2006). 	<p>Key actions will be to ensure the local community is fully aware of the first no-take zone and the future plans.</p> <p>Judging from the current situation, the main challenge will be to prevent poaching, especially at night. Existing plans for surveillance and enforcement will be further developed and strengthened.</p>

<p>Species and habitats 'at risk' and requiring special protection identified. Measures in place to protect 'at risk' species and habitats, and enforcement operating.</p>	<ul style="list-style-type: none"> o Draft list of 'at risk' species produced by month 6. o Draft list of 'at risk' habitats produced by month 6 o Lists agreed by yr 1. o Surveillance and enforcement mechanisms developed and operational by yr 2. 	<ul style="list-style-type: none"> o Discussion paper on 'Species and Habitats at Risk' produced for Workshop 1 (June 2005. See <i>Workshop Report 1</i>) and feedback obtained for further discussion at Workshop 2 (October 2005. See <i>Workshop Report 2</i>). o Posters produced for awareness programme during Boatshows (June, October 2005 and Feb 2006) and feedback obtained. o Further discussion on species and habitats at risk at Stakeholder Meeting in Feb 2006. o Final revision and agreement of lists and implementation timetable following Stakeholder Meeting (published in 'Action Plan and Proposed Regulations for TSMP' in March 2006). 	<p>Key actions will be to ensure the local community is fully aware of which species and habitats are protected.</p> <p>This will also need to be followed up with surveillance and enforcement measures.</p>
<p>Resource use carried out under permit and according to agreed strategy.</p>	<ul style="list-style-type: none"> o Draft strategy for resource use produced by year 1. o Strategy agreed by yr 1. o Strategy operational with surveillance, enforcement and monitoring mechanisms in place by yr 2. 	<ul style="list-style-type: none"> o Discussion paper on Resource Use produced for Workshop 1 (June 2005. See <i>Workshop Report 1</i>) and feedback obtained for further discussion at Workshop 2 (October 2005. See <i>Workshop Report 2</i>). o Posters on Resource Use produced for awareness programme during Boatshows (June, October 2005 and Feb 2006) and feedback obtained. o Further discussion on Resource Use at Stakeholder Meeting in Feb 2006. o Final strategy agreed following Stakeholder Meeting (published in 'Action Plan and Proposed Regulations for TSMP' in March 2006). 	<p>Key actions will be to ensure the local community is fully aware of the regulations on resource use.</p> <p>This will also need to be followed up with surveillance and enforcement measures.</p>
<p>Mariculture and Sea Ranching Programme developed and operational.</p>	<ul style="list-style-type: none"> o Resource surveys to locate broodstock of selected species by mo 6. o Culture underway by yr 1. o Village-run ocean nursery sites selected by yr 1. o 10 communities (about 50 fishers) trained in sea ranching by end yr 2. o Sea ranching units fully operational by yr 3. 	<ul style="list-style-type: none"> o Hatchery for production of larvae and juveniles 75% completed by March 2006 (see <i>Report on the Mariculture and Sea Ranching Programme</i>) o Occurrence of broodstock in TSMP investigated and sources identified. o Seminar on Sea Ranching carried out (see attached CD) 	<p>Key actions will be to begin culture of target species (not begun in yr 1 because of delay in hatchery construction). This will be followed by training of local fishermen and transplantation of cultured stock to community-run ocean nurseries.</p>

<p><i>Reef biodiversity monitoring programme</i> established and functioning.</p>	<ul style="list-style-type: none"> ○ Monitoring protocols defined by yr 1. ○ 4 SPstaff & 8 local people trained in monitoring by yr 1. ○ First set of data produced by end yr 2. ○ Workshop to discuss results by end yr 2. ○ Report produced by yr 3. 	<ul style="list-style-type: none"> ○ Objectives, options and priorities for reef monitoring discussed and programme developed. ○ Draft manual produced Oct 2005 and finalised Feb 2006 (see <i>Monitoring Reef Biodiversity in the TSMP</i>). ○ Permanent monitoring sites surveyed (Nov 2005) ○ Reef Check training carried out with 4 Sabah Parks staff and 3 local community members (see <i>Report on Reef Monitoring Training</i>) ○ 4 local Sabah Parks staff trained in Open Water Diving as prerequisite for further monitoring work (March 2006) 	<p>Key targets are to involve more local community members, carry out more surveys and analyse and disseminate the results.</p>
<p><i>Socio-economic monitoring programme</i> established and functioning.</p>	<ul style="list-style-type: none"> ○ Protocols for monitoring programme defined by end of yr 1. ○ 2-3 Sabah Parks staff trained in monitoring techniques by yr 1. ○ 12 local village community representatives trained in data collection by yr 2. ○ First set of data produced by end yr 3. 	<ul style="list-style-type: none"> ○ Objectives, options and priorities for socio-economic monitoring discussed and programme developed. ○ Monitoring protocols produced (see <i>Socio-economic Monitoring</i>) ○ Data on fishing activities collected (currently being analysed). 	<p>Key targets are to involve more local community members, carry out more surveys and analyse and disseminate the results.</p>
<p><i>Interactive Environmental Management and Information Planning System (EMIPS)</i> installed and Sabah Parks staff trained in its operation.</p>	<ul style="list-style-type: none"> ○ Introductory training of 3-4 Sabah Parks staff by yr 1. ○ Site data entered into EMIPS by yr 1. ○ Further training in operation and application of EMIPS by yr 2. ○ System fully operational by yr 3. 	<ul style="list-style-type: none"> ○ The framework for the Environmental Management and Information Planning System for TSMP has been developed (see attached <i>EMIPS report</i>) and the data is currently being entered into the computer database. 	<p>Key targets are to finalise the EMIPS Advisory and Operation Manual, install the system on Sabah Parks computers and carry out the training.</p>

Project 14-007: Work Plan April 2006 - March 2007

	KEY ACTIVITIES						
Month	Zoning, resource use, species & habitat protection	Socio-economic monitoring	Reef biodiversity monitoring	Mariculture & sea ranching	Outreach, education & awareness	Other	
2006							
April	Work on additional policy issues relating to biodiversity conservation & resource use (e.g. recreational fishing, anchoring) & produce proposed regulations.	Community census and collection of socio-economic data. Survey of fishing activities by external fishers. Survey of use and availability of fish species in TSMP. [All the above activities to include training element].		Work on hatchery infrastructure	Show DVD during census	Further development of Environmental Management & Information System (EMIPS) + data entry	
May			Training a & monitoring fish presence and abundance in TSMP	Transfer broodstock of selected species to Bodgaya lagoon			
June			Data analysis & reports		Spawning trials: giant clams & abalone.		
July	Local community workshop with emphasis on regulations and enforcement & surveillance strategies			Plan & develop outreach & awareness programme for communities inside & outside TSMP. Newsletter No 3			
August	Final proposed regulations to Sabah Parks for Board of Trustees meeting		Work on Guide to Marine Biodiversity		Development of awareness materials		
September	Produce information posters & site	Data analysis and reports		Juvenile culture at hatchery	Teacher workshop for local schools		EMIPS training

October	markers for Conservation Areas and protected species. Develop report forms		Reef monitoring surveys	Workshop on sea ranching & establishment of ocean nurseries	Publicity & education in relation to regulations	
November			Data analysis & reports			Seminar to discuss research and project progress
December	Analyse patrol report forms & identify problems that need resolving					Dissemination of results
2007						
January	Publicity and awareness campaign to coincide with introduction of new Biodiversity Conservation Zone.	Socio-economic monitoring field work	Data analysis and reports	Transfer young stock to ocean nurseries	Newsletter No 4	Local Community meetings to discuss management issues and alternative livelihoods
February		Data analysis and reports	Marine biodiversity surveys and monitoring	Continued training and development of programme		Reports on above
March						

