



ASEAN PEATLANDS FOREST PROJECT (APFP)





5th PROJECT MANAGEMENT MEETING

Progress Report Rehabilitation and Sustainable Use of Peatland Forest in Southeast Asia: Malaysia Component




FORESTRY DEPARTMENT OF
PENINSULAR MALAYSIA
www.forestry.gov.my


REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
COMPONENT SUB-OUTCOME 1: Capacity and institutional framework for sustainable peatland management in Malaysia strengthened				
OUTPUT 1.1: Policy and planning framework for peatland management strengthened at national level				
Activity 1.1.1: Implement and regularly update national policies on peatlands – particularly National Action Plan for Peatlands and National Wetland Policy through the National Wetland Committee.	i) Development of Country NAP for Peatland	a) <u>NAP finalized and printed (2 version – English & Malay)</u> b) National Project Steering Committee on Peatlands Meeting No.1/2011 on 11 Oct 2011 chaired by Deputy Secretary General of NRE.	90%	NAP will be launched on 12 Nov 2011 by the Minister of NRE in conjunction with the annual World Rivers Day. NRE plan to hold a stakeholder consultation workshop during the launch (Sarawak) Decision : 1. Agree with the 2012 work plan; 2. Pleased that the respective agencies are implementing the project activities in accordance to the specified time period; 3. Increased local community involvement; and 4. However, the video that was produced for the project are put on hold to be reviewed by the committee again prior to distribution


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ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
Activity 1.1.1: Implement and regularly update national policies on peatlands	ii) Review of wetland policy	Workshop on Review of Wetland Policy on 19-21 Sept 2011 at De Palma Hotel, Kuala Selangor attended by 12 participants from various agencies	50%	National Wetlands Committee takes lead in the process of reviewing the wetlands policy.
Activity 1.1.2: Organise a campaign on sustainable peatland management and fire prevention with relevant awareness materials.	Production of awareness materials on the project	<u>Video, pamphlet & posters</u> on the APFP project has been produced	90%	Poster and pamphlet were printed in 1,000 pieces and been disseminated to the public and stakeholders during the workshops, courses and lectures were held. Video still not widely circulated.
Activity 1.1.3: Develop training materials and conduct training (workshops, study tours and seminars) for key stakeholders on sustainable management and restoration of peatlands.	Conduct training for key stakeholders e.g. workshops, study tours and seminars	Joined RPEA in organizing regional peat assessment training (TOT) in Kuala Selangor (22-25 Feb 2011)	50%	7 staff members of Forestry Department from different States participated in the training.


REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
OUTPUT 1.2: Capacity for sustainable peatland management in Selangor State strengthened to support peatland management practices				
Activity 1.2.1: Organize training courses for stakeholders (govt. agencies, the private sectors, local communities etc.) on peatland management.	a) Training course on Peat Assessment	<u>Course on Assessment and Management of Peatlands</u> on 3-6 Oct attended by 20 participants from various agency in Sg. Besar, Selangor	100 %	Advanced training based on TOT training (Feb). Lectures were given by FDPM and GEC.
	b) Study tour to Riau PNS	Proposal to be delivered for the approval of the Treasury	40%	Involving 15 officers and support staff (13-15 Dec 2011) from State Forestry and FDPM
Activity 1.2.2: Carry out an awareness programme on best management practices and fire prevention.	Awareness programme e.g. public talk and monthly planting programme	2 <u>Public talks</u> have been implemented <u>Tree Planting</u> Program on 6 Oct at pilot site. (250 participants). 1,000 trees were planted.	100%	On 22 Sept 2011 at Kg. Bestari Jaya, Kuala Selangor, Selangor (250 participants) and on 27 Sept 2011 at Kg. Sungai Kelambu, Kuala Langat, Selangor. (150 participants). The activities were led by State Forestry & FDPM

Annex 5 - Progress of Malaysia Component

 REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
Activity 1.2.3: Strengthen the state-level multi-stakeholder committee and state working group for peatlands to improve coordination for peatland management.	i) State PSC meeting & working committee	a) <u>State Committee on Peatlands Meeting</u> No.1/2011 on 7 July 2011 chaired by Selangor State Secretary. b) State Working Group on Peatlands Meeting No.1/2011 on 7 July 2011 and No.2/2011 on 12 August 2011 chaired by State Forestry Director. Members from various stakeholders.	100%	Decision: "Land Office to review and take action against all illegal encroachment on peatland in the State. Similarly, Temporary Occupied Land (TOL) titles, which were not developed within three years of issuance, should be revoked and/or withdrawn."
	ii) State action plan-preliminary assessment data collection		0%	Activity planned for next reporting period (2012)

 REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
OUTPUT 1.3: Peatland Education Centre at pilot site (North Selangor Peat Swamp Forest) established				
Activity 1.3.1: Provide inputs to the assessment of pilot site for specific public awareness activities.	Development of communication plan for pilot site		0%	Activity planned for next reporting period (2012)
Activity 1.3.2: Support the development of information materials for the pilot site and support activities for the pilot site.	Support public awareness activities at pilot site	1 public tree planting event was organized by Selangor FD and GEC at the pilot site in conjunction of <u>WWD 2011</u> on 26 Feb 2011	100%	The event saw the official launch of the peatland forest rehabilitation programme initiative by the State Government. Participated by about 400 people representing various walk of the Malaysian public and the SEA delegates who attended the TOT training at Kuala Selangor.
Output 1.4: Component technically supported				
Activity 1.4.1: Provide technical coordination and support to component	National Expert (NE) services	Providing technical support to component.	50%	GEC yet to be formally appointed in Nov 2011 as the NE

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ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
COMPONENT SUB-OUTCOME 2: The degradation of peatlands in Malaysia due to fires minimized				
OUTPUT 2.1: Status and trends of Malaysian peatlands determined				
Activity 2.1.1: Support the inventory of peatlands (National Forest Inventory 5) by Peninsular Malaysia Forest Department and record current status of peatlands in Peninsular Malaysia.	i) Satellit images/ Aerial photographs/ ENVI Software	Purchase of <u>technical software</u> , satellite images and aerial photos to support inventory of Selangor peatland areas	100%	RS images include both the satellite images and aerial photographs of the pilot site
	ii) Assessment of Selangor Peatswamp Forest	The activity is currently being carried out by SFD	50%	Assessment of the pilot site is conducted by processing the acquired digital images. Also include training of SFD staff members on the GPS software.
Activity 2.1.2: Undertake appropriate assessments on key issues including fire incidents and their root causes affecting biodiversity, carbon content and water resources.	i) Assessment of carbon content of Selangor PSF	Consultant identified and appointed	10%	FRIM will be doing the carbon assessment at Raja Musa FR and Blueprint for KLSF. These research will continue until 2012
	ii) Blueprint for KLSPSF			

 REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
Activity 2.1.3: Regular monitoring to determine changes or trends for management actions.	Monitoring and reporting Malaysia Peatland issues	On-going	40%	NPEA and NRE will coordinate the activities
Activity 2.1.4: Identify priority areas for conservation measures for peatland biodiversity and implement initial activities.	Development of peat profile for Malaysia	Consultant identified	0%	UPM will be contracted to develop the peat profile for Malaysia. Research is expected to be implemented in 2012

Annex 5 - Progress of Malaysia Component


REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
OUTPUT 2.2: Degradation of peatlands by fire in Selangor State reduced				
Activity 2.2.1: Identify critical fire-prone areas at NSPSF and South Selangor peatlands and develop appropriate fire prevention measures for these areas and undertake regular monitoring through increased patrols and enforcement activities.	i) Regular monitoring & enforcement activities	Outer boundary marking exercise conducted at Raja Musa FR and warning signboards was built at strategic sites.	70%	Regular patrolling conducted by Selangor FD to the area to check on encroachment and forest fires
	ii) Assessment of fire prone area in NSPSF	Consultant identified	0%	GEC had submitted a proposal to effect the deal. Research is expected to be implemented in 2012 .
Activity 2.2.2: Test and verify a fire prediction and warning system at pilot site.	Establish and maintain fire prediction and warning system	FDRS system has been developed by MMD for the State of Selangor and currently undergoing verification process	75%	The system is available at www.met.gov.my and updated on a daily basis.
Activity 2.2.3: Promote the involvement of community and local land owners in fire prevention and control (including support to the State Forest Fire Team).	Organisation of Friends of Peat Swamp Forest (Sahabat Hutan Gambut)	Currently 2 villages are involved in the pilot community project	50%	Meetings with the community groups are conducted on monthly basis. Community training on peat and fire is planned for the next reporting period.


REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
OUTPUT 2.3: Guidelines for integrated peatland management in Malaysia developed and promoted				
Activity 2.3.1: Provide support in the development of an integrated fire prediction and warning system (fire hazard map, hotspots, fire danger rating, fire scars map).	Training workshop on the enhancement of FDRS system	Workshop on Fire Danger Rating System on 12-13 Oct attended by 45 participants from various agency. Lectures were given by FDPM and MMD	30%	Objective: i) To promote the FDRS as one of the tools for monitoring, prevention and overcoming of forest fires; and ii) To provide training for data acquisition method for FDRS verification purposes.
Activity 2.3.2: Promote ASEAN zero burning guidelines for fire prevention and control in peatlands in Malaysia through awareness activities.	Road show/ exhibition/ public talk/ publication		0%	Activity planned for next reporting period (2012)
Activity 2.3.3: Collate, adapt and promote guidelines for sustainable use of peatlands relating to the following sectors: forestry, agriculture (small-holders and large-scale estates) & infrastructure through awareness activities.	Road show/ exhibition/ public talk/ publication		0%	Activity planned for next reporting period (2012)


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ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
COMPONENT SUB-OUTCOME 3: Best management practices at selected demonstration sites identified and practiced				
OUTPUT 3.1: Sustainable management options for peatlands showcased through demonstration sites				
Activity 3.1.1: Document and promote best management practices of demonstration to upscale good management practices for peatlands.			0%	Activity planned for next reporting period (2012)
Activity 3.1.2: Facilitate visits and study tours to demonstration sites. e.g. Princess Sirindhorn Centre, Phru Tho Daeng Thailand.	i) Training on Peat Assessment, Kuala Selangor (Feb)	Facilitated site visit to Raja Musa and Kuala Langat South FRs during Peat Assessment training at Kuala Selangor	30%	Involved mobilizing TOT participants and Selangor FD staff members for the activity
	ii) Best management practices on peatlands, Kalimantan Tengah (June)	2 senior officers from FDPM attend RPEA organized BMP workshop on peatland management in Kalimantan Tengah on 14-18 June 2011	100%	


REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
OUTPUT 3.2: Integrated management strategies for NSPSF and buffer zone adopted				
Activity 3.2.1: Review and update the Integrated Management Plan for NSPSF and support implementation of initial activities.			0%	Activity planned for next reporting period (2012)
Activity 3.2.2: Develop and promote approval of the management strategy for the NSPSF buffer zone to address land use conflicts and support implementation of initial activities.	Consultancy to develop management strategy for buffer zone areas of NSPSF		0%	Activity planned for next reporting period (2012)

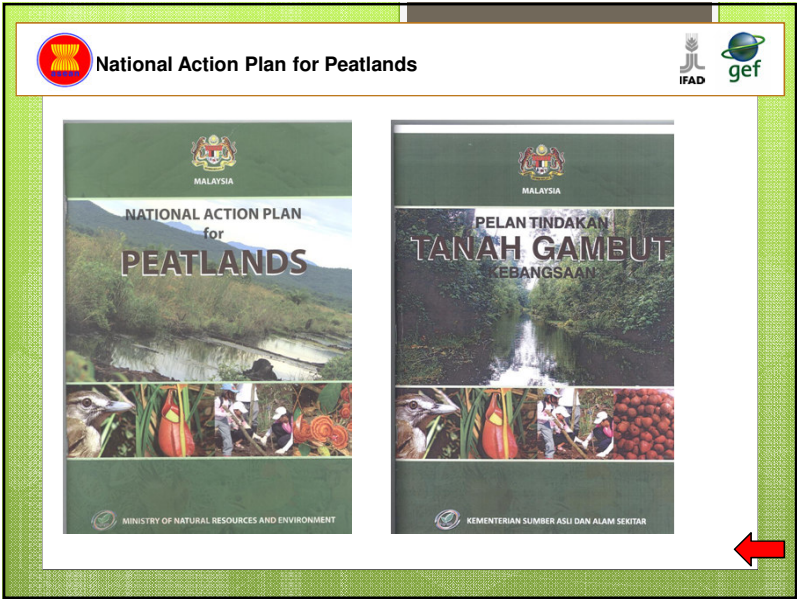
Annex 5 - Progress of Malaysia Component

 REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
OUTPUT 3.3: Rehabilitation of degraded peat swamp forest demonstrated in Raja Musa FR and adjacent buffer zone				
Activity 3.3.1: Update and review the Rehabilitation Plan for the Raja Musa F.R and adjacent buffer zone.	i) Rehabilitation Plan developed for Raja Musa F.R	Consultant identified	5%	GEC had submitted the proposal to Selangor FD and planned to be started on 2012
	ii) Establishment of Site Office	Sub-Ranger Office at Bestari Jaya prepared and equipped to coordinate pilot site activities.	100%	Site office had been operational since April 2011
Activity 3.3.2: Organize workshops for training on rehabilitation techniques for relevant local stakeholders.	Participation in workshop/ training for rehabilitation techniques/ best management practices	1 staff of Selangor FD attended BMP for sustainable peatland management in Kalimantan Tengah (14-18 June 2011)	30%	

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ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
Activity 3.3.3: Undertake and monitor results of rehabilitation activities including blocking of abandoned drains and replanting degraded areas.	Canal blocking & Site Rehabilitation activities	On-going activity within the encroached areas of Raja Musa FR.	50%	About 10 ha had been rehabilitated by Selangor Forestry Department and GEC. (Co-funding by SEAPeat Project). Appointment of contractor to perform the work on check dam on Nov 2011.
Activity 3.3.4: Document experience and lessons learned and promote to other areas in Selangor State to upscale learning.			0%	Activity planned for next reporting period (2012)

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ACTIVITIES	TARGET (Year 2)	ACCOMPLISHMENT	%	REMARKS
COMPONENT SUB-OUTCOME 4: Guidelines for selected sectors relating to peatland management prepared and adopted				
OUTPUT 4.1: Sustainable economic activities in buffer zone of NSPSF enhanced				
Activity 4.1.1: Support a study to review impacts of existing livelihood and economic activities on peatlands and recommend mitigation measures within the buffer zone	Consultancy study on socio-economic activities within the buffer zone area of NSPSF	Consultant identified	0%	Activity planned for next reporting period (2012)
Activity 4.1.2: Promote community involvement in sustainable peatland management activities through developing options for sustainable livelihood activities	Develop options for sustainable livelihood activities-to support Friends of Peat Swamp Forest		0%	Activity planned for next reporting period (2012)

 REHABILITATION AND SUSTAINABLE USE OF PEATLAND FOREST IN SOUTHEAST ASIA: Malaysia Component				
Outcomes	Approved GEF Budget	Cumulative Budget Spent to Date	Balance Budget	New Annual Budget Request
I. Capacity Building for Sustainable Peatland Management	\$240,000.00	\$37,215.00	\$202,785.00	\$157,300.00
II. Reduction of Peatland Degradation	\$262,000.00	\$49,543.00	\$212,457.00	\$163,000.00
III. Integrated Management and Rehabilitation of Peatlands	\$271,600.00	\$8,567.00	\$263,033.00	\$206,600.00
IV. Multi-stakeholder partnerships	\$80,000.00	\$0.00	\$80,000.00	\$70,000.00
V. Project Management	\$26,400.00	\$0.00	\$26,400.00	\$18,000.00
TOTAL	\$880,000.00	\$95,325.00	\$784,675.00	\$614,900.00*
*Note: USD 614,900.00 includes i) 2 nd Recoupment 2011 – USD 301,050.00 ii) Actual Budget 2012 – USD 313,850.00				





Course on Assessment and Management of Peatlands
3-6 Oct 2011









Public Talk on 22 Sept 2011 at Kg. Bestari Jaya,
Kuala Selangor, Selangor









Public Talk on 27 Sept 2011 at Kg. Sungai Kelambu,
Kuala Langat, Selangor









Tree Planting Program on 6 Oct at Compt. 100,
Raja Musa FR









State Committee on Peatlands Meeting No.1/2011
on 7 July 2011









Training On ENVI Software
on 22-23 June 2011










Signboard, Outer Boundary Marking













FDRS Verification
1st Phase – Jun-July
2nd Phase – Oct-Nov





Agencies involved in the verification process:

- 1.FDPM – peatlands inside the forest reserve
- 2.DOE – peatlands outside the forest reserve
- 3.GEC – pilot site

