

ASEAN Peatland Forests Project (APFP)

Rehabilitation and Sustainable Use
of Peatland Forests in South East Asia

Viet Nam Component

PROGRESS REPORT
(updated June 2013)

09 July 2013
Manila, Philippines







Project Goal and Objectives

- *The overall project goal is to promote sustainable management and rehabilitation of peatlands in Vietnam through capacity building, improved inter-sectoral management.*
- *A demonstration of best practices at a peatland area of U Minh Thuong National Park (UMTNP).*

Project Outcomes and Outputs

The Project activities focus on:

- *Strengthening of capacity at central and local levels for sustainable peatland management.*
- *The degradation of peatlands minimized and rehabilitated through forest management and fire control.*
- *The local community in pilot site (UMTNP) will be less dependent on peatlands for their livelihood.*

PROJECT ACTIVITIES

1. Some activities (NAP) conducted by VEA
2. Some activities conducted in demonstration sites (Peatland U Minh Region) by consultants

Output 1.1 The degradation of peatlands in Vietnam minimised through the implementation of the National Action Plan on Peatlands		
Project activities	Activities	Completed (%)
Action 1.1.1. Develop implementation strategy for the National Action Plan for the conservation and sustainable use of peatlands	Conducted one meeting and two workshops to inform the content of Vietnam NAP and get comments from relevant agencies.	60
Action 1.1.2. Promote the peatland NAP to relevant key stakeholders	A draft of Vietnam NAP was submitted to MARD and MONRE to get any comment before submit to Prime Minister of Vietnam Government.	50
Action 1.1.3. Strengthening legislation, policies and institutional framework for improved integrated peatland management	<p>VEA conducted</p> <p>No any change since November 2012</p>	65

OUTPUT 1.2 Awareness of peatland management in Vietnam raised

Action 1.2.1 Produce awareness materials to improve understanding of peatland management issues in Vietnam to key stakeholders and local communities living around UMT and UMH National Parks



Action 1.2.1



- Implementation of two surveys to collect and analyze data of peatland resources (ecosystems, biodiversity of peatlands in the Mekong Delta.
 - Developed document and guidelines for conservation and sustainable use of peatland.
- Organized workshops to raise awareness of staff and local communities about the value and function of peatlands

Guidelines have been prepared and then will be printed

TỔNG QUAN

Thảm thực vật đầm lầy than bùn là một hệ sinh thái quan trọng, có vai trò quan trọng trong việc bảo vệ môi trường và duy trì sự đa dạng sinh học. Thảm thực vật này có khả năng lưu trữ carbon và nước, giúp giảm thiểu biến đổi khí hậu và duy trì nguồn nước ngầm.

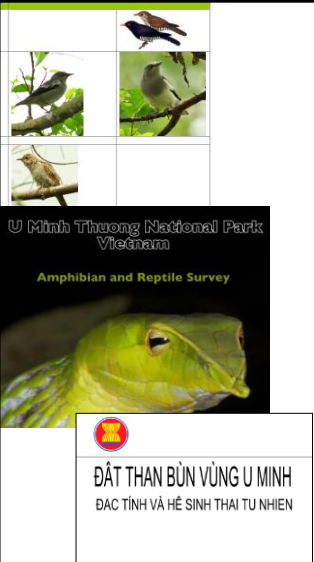
Đầm lầy than bùn là một hệ sinh thái quan trọng, có vai trò quan trọng trong việc bảo vệ môi trường và duy trì sự đa dạng sinh học. Thảm thực vật này có khả năng lưu trữ carbon và nước, giúp giảm thiểu biến đổi khí hậu và duy trì nguồn nước ngầm.

GIÁ TRỊ CỦA ĐẤT THAN Bùn VÙNG NHẬT DỜI

Đất than bùn là một tài nguyên quý giá, có vai trò quan trọng trong việc bảo vệ môi trường và duy trì sự đa dạng sinh học. Thảm thực vật này có khả năng lưu trữ carbon và nước, giúp giảm thiểu biến đổi khí hậu và duy trì nguồn nước ngầm.

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achievement 70 %.



- Drafted guidelines for raising community awareness and capacity building about the value and function of the peatlands in U Minh region (UMH and UMT) completed since June 2012.
- But no fund for printing and disseminating to relevant local agencies

Output 2.1 Management of peatlands in Vietnam Enhanced

Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam

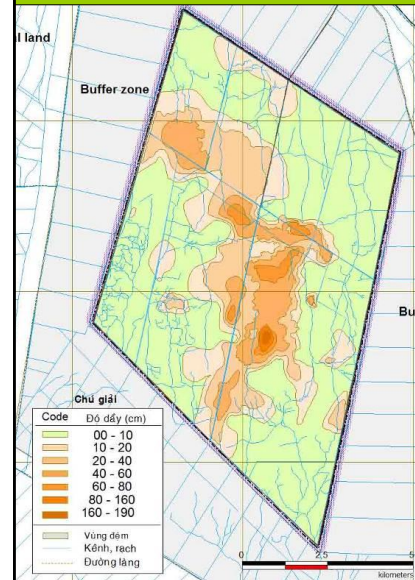


Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam

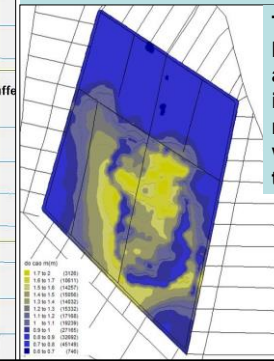


- Carried out to collect data and inventory of peatlands in Vietnam, particularly in Mekong Delta, UMT and UMH NPs.
- Draft of peatland distribution map in Vietnam (Scale: 1:1000,000)
- Draft of peatland distribution map in Lower Mekong Delta (scale 1:250,000)

Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam

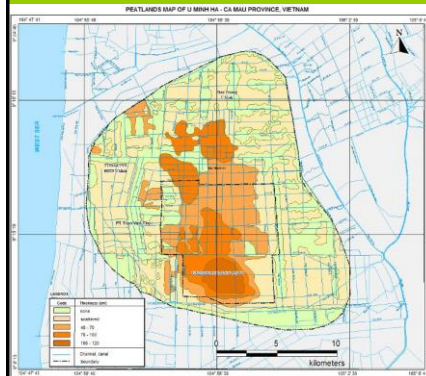


- Completed map of distribution and thickness of peat layer peatlands in U Minh Thuong National Park (scale: 1:10,000)
- Completed map of elevation of U Minh Thuong National Park (scale: 1:10,000).



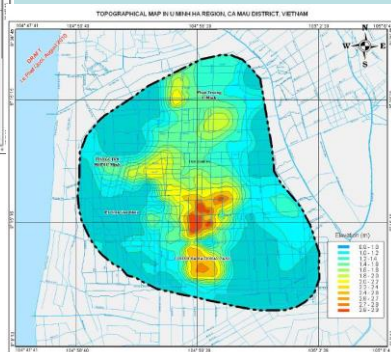
These maps have been applied for integrated management of water and fire in the park

Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam



These maps have been applied for integrated management of water and fire in the park

- Completed map of distribution and thickness of peat layer peatlands in U Minh Ha National Park (scale: 1:10,000)
- Completed map of elevation of U Minh Ha National Park (scale: 1:10,000).



Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam



Some initial results of project activities have been used in the parks

Estimated volume of completed work of Activity 2.1.1 : achievement 70 %.

Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam

- **Maps of peatlands in two peatland national parks were completed and printed.**
- **They are disseminated to national parks and other relevant local stakeholders : Provincial DARD, DONRE**

Action 2.1.2 Promote the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management



Action 2.1.2 Promote the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management



- Having conducted surveys and collect data on land use planning of agriculture and forestry development related to the management and protection of peatlands in U Minh region.
- Conducted surveys, analysis, evaluation and solution for sustainable use of peatlands resources in U Minh region.



Action 2.1.2 Promote the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management



- From the results of data collection and survey, the research team has carried out the assessment of peat land areas can lead to the risk from fire and impact by population.
- Draft of report of proposed solution to the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management.
- Organized a meeting to discuss on incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management.

Action 2.1.2 Promote the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management

Estimated volume of completed work: achievement 60 % from November 2012.

Since then, the activities have not progressed any further

Action 2.1.3 Promote measures for fire prevention and control in peatlands.



Action 2.1.3.

Promote measures for fire prevention and control in peatlands.



Having conducted two surveys to collect data:

- *collecting fundamental data on hydrology factors, water management and fire control in peatlands of U Minh Region (including U Minh Thuong and U Minh Ha Peatland areas).*



Action 2.1.3.

Promote measures for fire prevention and control in peatlands.



- Process of water management after fire of 2002 in U Minh Thuong and U Minh Ha National Parks
- Analysis and assessment of data collected from U Minh Ha and U Minh Thuong National Parks.
- Draft of maps of hot posts in both of UMH and UMT National Parks
- **Since then, the activities have not progressed any further**

Estimated volume of completed work of Activity 2.1.3: achievement 65 %.

OUTPUT 3.1 Support the implementation a site management plan for UMTNP

Action 3.1.1 Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.



Action 3.1.1 Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.



- Conducted three surveys for collecting data of ecosystems and biodiversity management activities in UMTNP and current land use in buffer zone of the parks.
- Analysed all of data collected to find out gaps in land use planning and conservation and rehabilitation of ecosystem and biodiversity in peatlands.



Action 3.1.1 Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.



- Completed map of peatland ecosystems in UMTNP.
- The map was printed and hand three copies over to UMTNP
- The Five Year Master Plan of U Minh Thuong National Park (2013 – 2017) is completed and will be submitted to Kien Giang PPC (**planned in December 2012**).

Discussing with UMTNP manager on The Five Year Master Plan (2013 – 2017) before submitting to Kien Giang People Committee.

- The Five Year Master Plan of U Minh Thuong National Park (2013 – 2017) was completed submitted to Kien Giang PPC
- **Planned to organise a workshop on Five Year Master Plan of U Minh Thuong National Park in December 2012.**
- **BUT no fund to carry out.**

Action 3.1.1 Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.



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The results of Action 3.1.1

1. Map of plant communities and ecosystems in UMTNP
2. Map of peatlands in UMTNP
3. Biodiversity in peatlands of UMTNP

They are highly recommended and used in environmental education in education network in Kien Giang Province (Primary school and highschoools and Provincial Library)

Action 3.1.2 Provide training and support for staff of relevant agencies on participatory management involving the local community.



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- Organized a workshop on rehabilitation and conservation of biodiversity in peatlands of Mekong Delta.

Held in Ca Mau Province.
Participates:

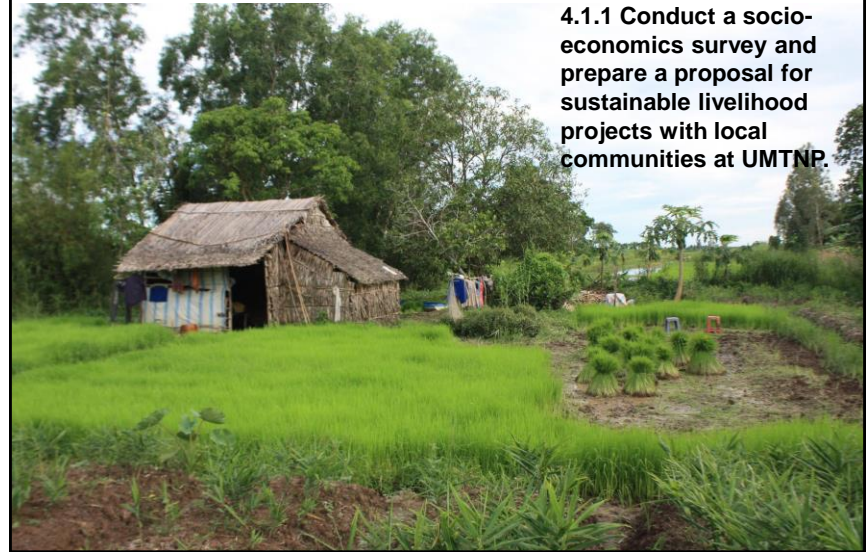
- Province
- District
- Communes
- Relevant agencies



3.1.2 Provide training and support for staff of relevant agencies on participatory management involving the local community.

- **There was only one workshop organised in Ca Mau province last year.**
- **Estimated only about 30 %.**

Output 4.1 Communities in buffer Zone of UMTNP obtaining alternative sustainable livelihood



4.1.1 Conduct a socio-economics survey and prepare a proposal for sustainable livelihood projects with local communities at UMTNP.

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- Conducted three surveys to collect data of present social – economic, current livelihood development of local communities in buffer zone of UMTNP.



4.1.1 Conduct a socio-economics survey and prepare a proposal for sustainable livelihood projects with local communities at UMTNP.



- Conducted a *Workshop on establishment a proposal of sustainable livelihood development with participation of local community in the buffer zone of the UMTNP.*
- A draft of livelihood development of community in buffer zone of UMTNP has been in going on.



Estimated volume of completed work of Activity 4.1.1: approximately 70 %.

4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.



4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.



- **Most of activity component has been done in buffer zone of UMTNP**
- **Focused on poor community livelihood development**

4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.



Organized two meeting and two workshops:

- *to discuss on project activities in buffer zone.*
- *to find out the effectively models of livelihood development in buffer zones:*
 - Crops – Fish*
 - Fruit trees – Vegetables*
 - Melaleuca – Rice – Fish*
 - Livestock – Fish*
- *Conducting a co-operation with local government in community livelihood development.*

4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.



- Stakeholder meeting on signing the “Green Contract” to develop community livelihood in buffer zone of UMTNP.



4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.



Project funding has been used to support the community livelihoods development of 51 households in buffer zone of UMTNP (750 USD for each household).

For models applied:

- *Fruit trees – Vegetables*



4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.

- *Crops – Fish*



4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.

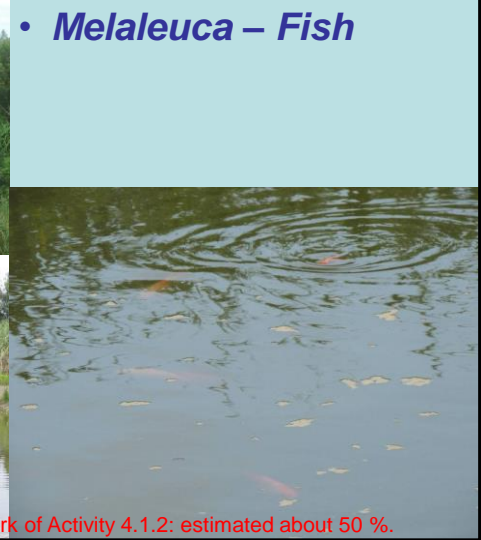
• *Livestock - crops*



After 6 months applying model of livestock – crop:
Interest is 10,000,000 VN Dong
= 500 USD

4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.

• *Melaleuca – Fish*



Estimated volume of completed work of Activity 4.1.2: estimated about 50 %.

Act. 4.1.3. Document lessons learned from the experience of the sustainable livelihoods project and disseminated information to others

having not been conducted yet

However, some initial results implementing in UMTNP has been applied in peatlands of UMHNP:

- *Water and fire management*
- *Biodiversity inventory*
- *Method of sustainable community livelihoods development had been put in proposal project will be implemented in UMHNP.*

SUMMARY OF VIETNAM COMPONENT ACTIVITIES

OUTPUT	ACTIVITIES	Ach (%)	Re
<i>Output 1.1 The degradation of peatlands in Vietnam minimised through the implementation of the National Action Plan on Peatlands</i>	Action 1.1.1. Develop implementation strategy for the National Action Plan for the conservation and sustainable use of peatlands	60	40
	Action 1.1.2. Promote the peatland NAP to relevant key stakeholders	50	50
	Action 1.1.3. Strengthening legislation, policies and institutional framework for improved integrated peatland management	65	35
	Action 1.1.4 Technical guidance and coordination for component	65	35
<i>Output 1.2 Awareness of peatland management in Vietnam raised</i>	Action 1.2.1 Produce awareness materials to improve understanding of peatland management issues in Vietnam to key stakeholders and local communities living around UMT and UMH National Parks.	70	30

SUMMARY OF VIETNAM COMPONENT ACTIVITIES			
Output 2.1 <i>Management of peatlands in Vietnam Enhanced</i>	Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam	70	30
	Action 2.1.2 Promote the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management	60	40
	Action 2.1.3 Promote measures for fire prevention and control in peatlands	65	35

SUMMARY OF VIETNAM COMPONENT ACTIVITIES			
Output 3.1 <i>Support the implementation of a site management plan for UMTNP</i>	Action 3.1.1 Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.	70	30
	3.1.2 Provide training and support for staff of relevant agencies on participatory management involving the local community.	40	60

SUMMARY OF VIETNAM COMPONET ACTIVITIES			
Output 4.1 <i>Communities in buffer Zone of UMTNP obtaining alternative sustainable livelihood</i>	4.1.1 Conduct a socio-economics survey and prepare a proposal for sustainable livelihood projects with local communities at UMTNP.	70	30
	4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.	50	50
	Act. 4.1.3. Document lessons learned from the experience of the sustainable livelihoods project and disseminated information to others	0	100

Project Funding and Expenditure			
ACTIVITIES	Total budget	Transferred	Remaining
Action 1.1.1. Develop implementation strategy for the National Action Plan for the conservation and sustainable use of peatlands	5,000	4,250	750
Action 1.1.2. Promote the peatland NAP to relevant key stakeholders	5,000	0	5,000
Action 1.1.3. Strengthening legislation, policies and institutional framework for improved integrated peatland management	5,000	5,000	0

Project Funding and Expenditure			
ACTIVITIES	Total of budget	Transferred	Remaining
Action 1.1.4 <i>Technical guidance and coordination for component</i>	20,000	8,000	12,000
Action 1.2.1 <i>Produce awareness materials to improve understanding of peatland management issues in Vietnam to key stakeholders and local communities living around UMT and UMH National Parks.</i>	15,000	4,500	10,500
Action 2.1.1 <i>Carry out an assessment to fill gaps in inventory of peatlands in Vietnam</i>	10,000	7,000	3,000
Action 2.1.2 <i>Promote the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management</i>	20,000	7000	13,000

Project Funding and Expenditure			
ACTIVITIES	Total budget	Transferred	Remaining
Action 2.1.3 <i>Promote measures for fire prevention and control in peatlands</i>	14,000	7,000	7,000
Action 3.1.1 <i>Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.</i>	30,000	15,000	15,000
3.1.2 <i>Provide training and support for staff of relevant agencies on participatory management involving the local community.</i>	15,000	7000	8,000
4.1.1 <i>Conduct a socio-economics survey and prepare a proposal for sustainable livelihood projects with local communities at UMTNP.</i>	10,000	5,000	5,000

Project Funding and Expenditure

ACTIVITIES	Total budget	Transferred	Remaining
4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.	55,555	40,000	15,555
Act. 4.1.3. Document lessons learned from the experience of the sustainable livelihoods project and disseminated information to others	10,000	0	10,000

Total project fund transferred to consultants used to conduct activities in pilot sites (U Minh Thuong National Park); mean of 50 percent.

Reviews and Comments



- After a year of implementation of the project activities, units and technical consultants have carried out pretty good for each issue the project activities in the demonstration site (UMTNP) and other areas such as U Minh Ha National Parks (in Ca Mau Province).
- There have been good coordination between the consultants and local agencies in the implementation of project activities in two peatlands national parks as well as peatlands in buffer zones.

Reviews and Comments

- Although there were difficulties in project activities, but the consultants have tried to complete contents of the project activities.
- Although funding for the project was transferred to Vietnam (VEA) in time, but the transfer of funds from VEA to consultants is too slow to have hindered the implementation of the remaining project activities.

Reviews and Comments



- The remaining project implementation period is quite short (deadline: **June 2013**);
- The content of the project activities is still pretty thing that must completed;
- If do not meet the funding timely for the project, the project activities will be hard to finish on time.

Work Plan for project activities up to June 2013

Continue conduct remaining project activities:

- **Activities have been conducted by VEA – NAP and others.**
- **Activities have conducted in both peatland areas (UMT and UMH National Parks)**

Work Plan for project activities up to June 2013

		7	8	9	10	11	12
Action 1.1.1. Develop implementation strategy for the National Action Plan for the conservation and sustainable use of peatlands		X	X	X	X	X	X
Action 1.1.2. Promote the peatland NAP to relevant key stakeholders		X	X				
Action 1.1.3. Strengthening legislation, policies and institutional framework for improved integrated peatland management		X	X	X	X	X	X

Work Plan for project activities up to June 2013							
		7	8	9	10	11	12
Action 1.1.4 Technical guidance and coordination for component							
Action 1.2.1 Produce awareness materials to improve understanding of peatland management issues in Vietnam to key stakeholders and local communities living around UMT and UMH National Parks.							

Work Plan for project activities up to June 2013							
ACTIVITIES	Time						
		7	8	9	10	11	12
Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam							
Action 2.1.2 Promote the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management							
Action 2.1.3 Promote measures for fire prevention and control in peatlands							

Work Plan for project activities up to June 2013							
		7	8	9	10	11	12
Action 3.1.1 Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.							
3.1.2 Provide training and support for staff of relevant agencies on participatory management involving the local community.	X	X	X	X			

Work Plan for project activities up to June 2013							
		7	8	9	10	11	12
4.1.1 Conduct a socio-economics survey and prepare a proposal for sustainable livelihood projects with local communities at UMTNP.							
4.1.2 Develop a sustainable community livelihood project with local communities in and around the pilot site (UMTNP) to decrease pressures on globally significant biodiversity.							
Act. 4.1.3. Document lessons learned from the experience of the sustainable livelihoods project and disseminated information to others							

for cooperation activities up to June 2013



- Dissemination of fire and water integrated management in peatlands being conducted in UMTNP to other peatland areas.
- Develop ecotourism plan in UMTNP
- Support to carry out SEAPeat project activities in two national parks (U Minh Thuong and U Minh Ha).

for cooperation activities up to June 2013



- Cooperation with SNV to develop water and fire management system in peatlands of UMHNP.



