



**Rehabilitation and Sustainable Use
of Peatland Forests in South East Asia**

Viet Nam Component

PROGRESS REPORT

(updated March 2014)



22 April 2014

Kuala Lumpur, Malaysia

OUTLINE

- 1. Project objectives and outputs**
- 2. Results of project activities**
- 3. Remarks**

1. Project Objectives and Outputs

The overall project objective is to

- Promote sustainable management and rehabilitation of peatlands in Vietnam through
 - *capacity building*
 - *improved inter-sectoral management.*
- 2. A demonstration of best practices at a peatland area of U Minh Thuong National Park (UMTNP).

1. Project Objectives and Outputs

The Project activities focus on:

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

2. Results of project activities

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 meeting and workshops to discuss on Vietnam NAP and get comments from relevant agencies.	100
Action 1.1.2. Promote the peatland NAP to relevant key stakeholders	Vietnam NAP was submitted to MARD and MONRE and other agencies to get any comment before submit to Prime Minister of Vietnam Government.	100
Action 1.1.3. Strengthening legislation, policies and institutional framework for improved integrated peatland management		100

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



- A guidelines for conservation and sustainable use of peatland was printed and handed over to UMTNP.



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

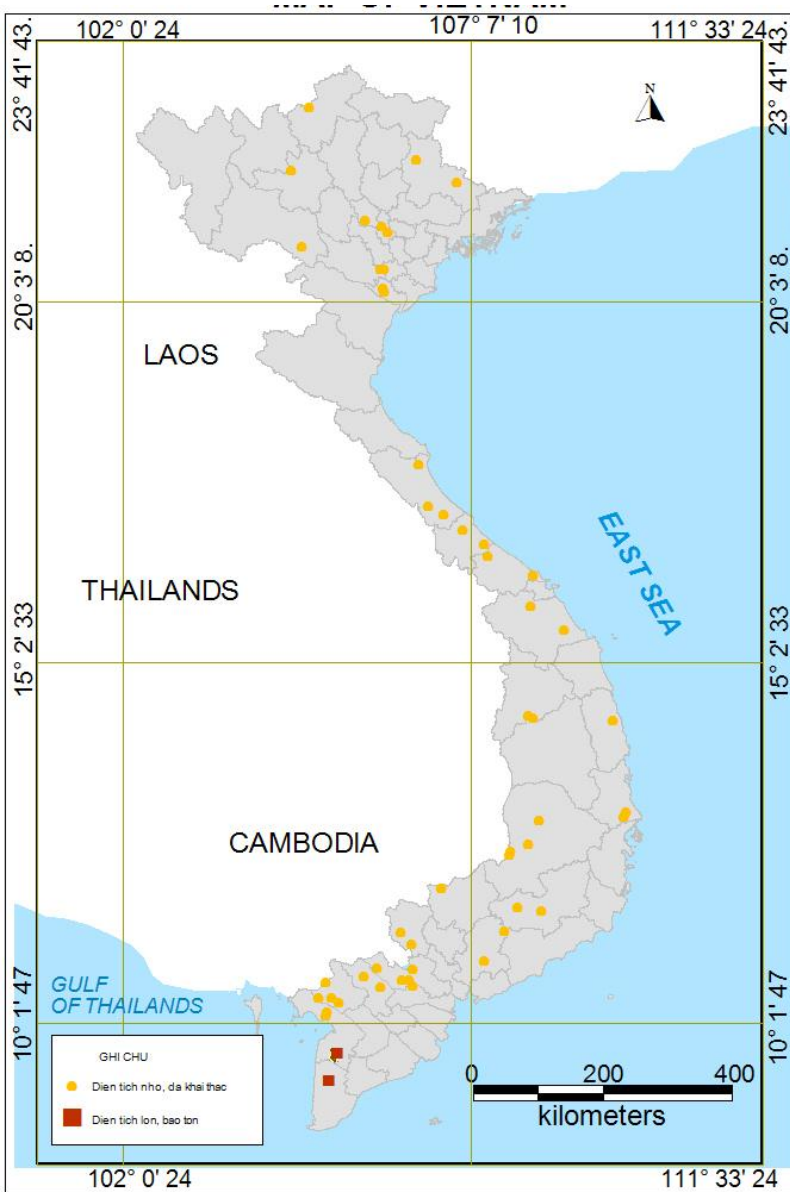


Completed 100 %

- A book on ecosystems and biodiversity in peatlands of UMTNP published with circulation of 1000 copies.
- The book has been disseminated to relevant agencies and local governments.

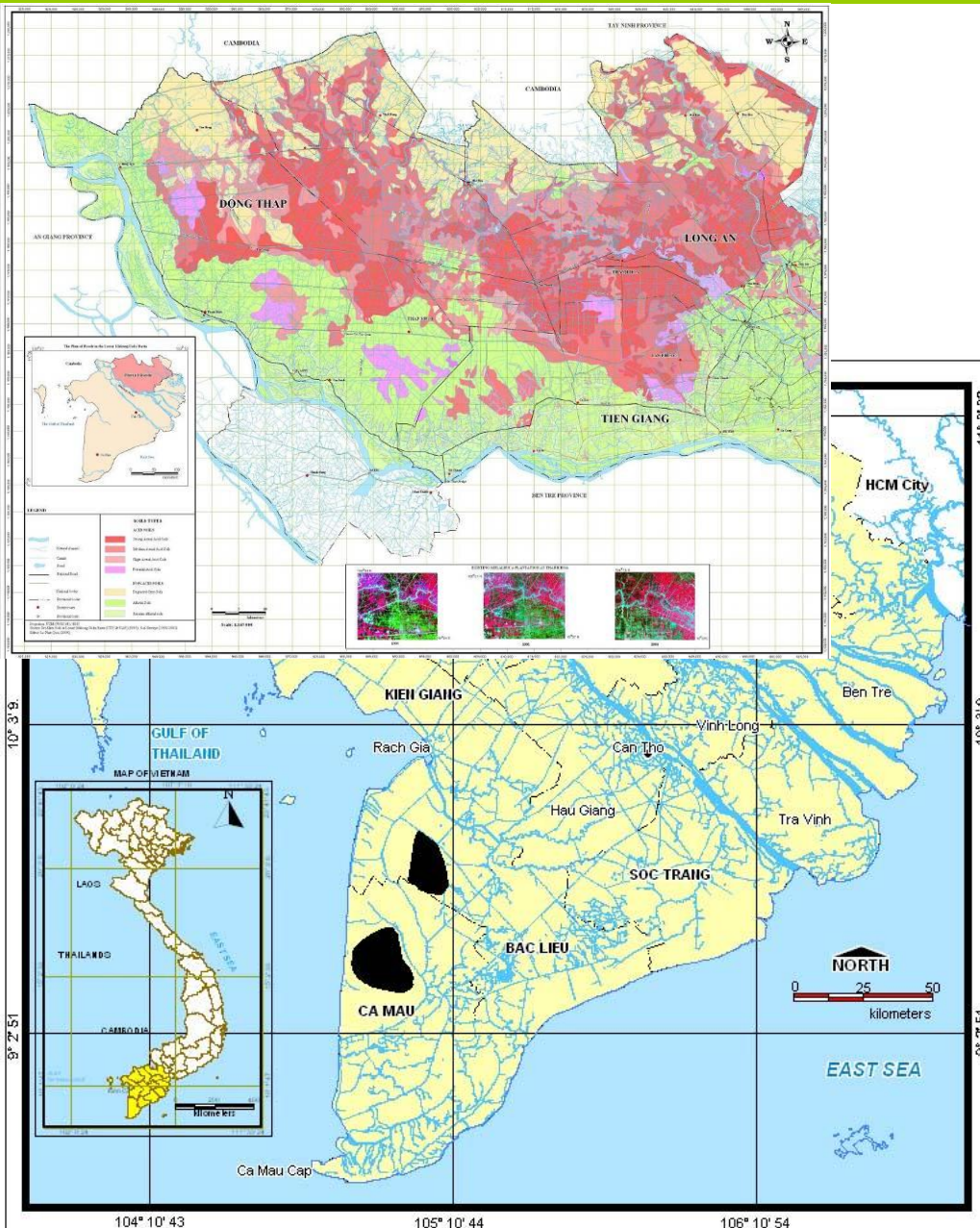
Output 2.1 Management of peatlands in Vietnam Enhanced

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



- Map of peatland distribution map in Vietnam
- Peatland distribution map in Lower Mekong Delta (scale 1:250,000)

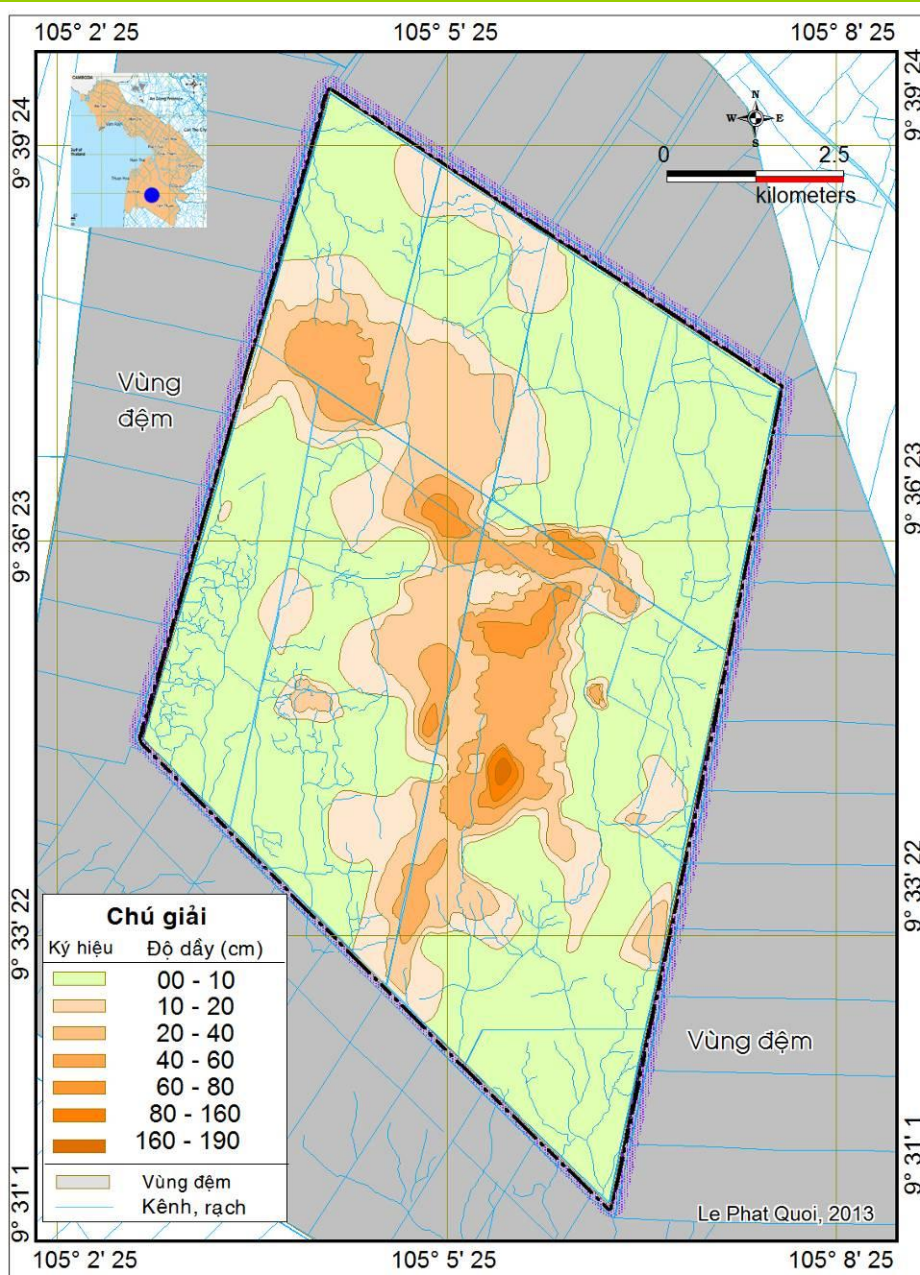
Action 2.1.1 Inventory of peatlands in Vietnam



Map of peatlands distribution in:

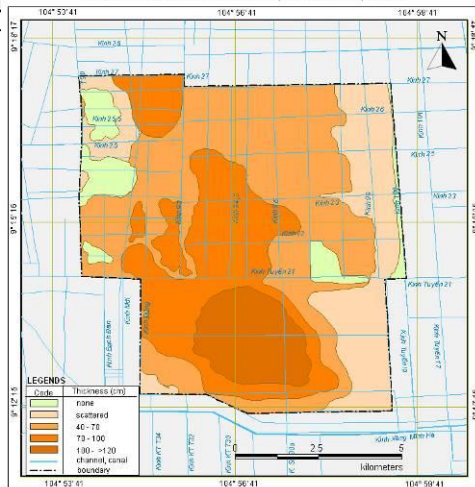
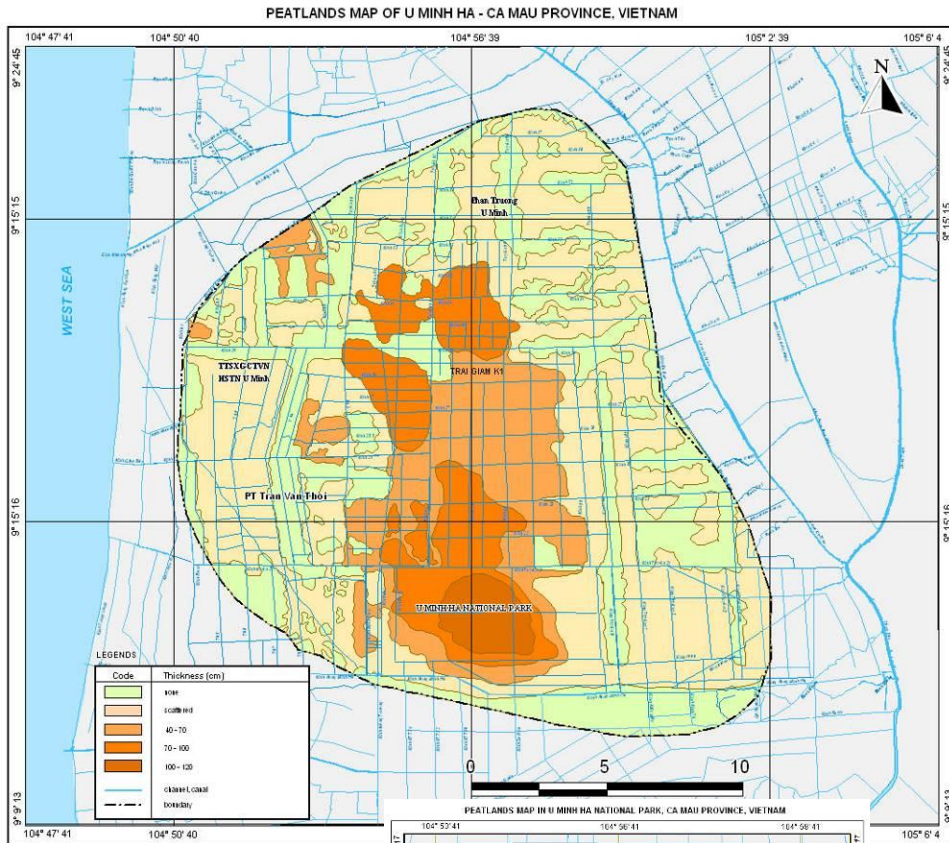
- The Plain of Reeds
- The Lower Mekong Delta

Action 2.1.1 Inventory of peatlands in Vietnam

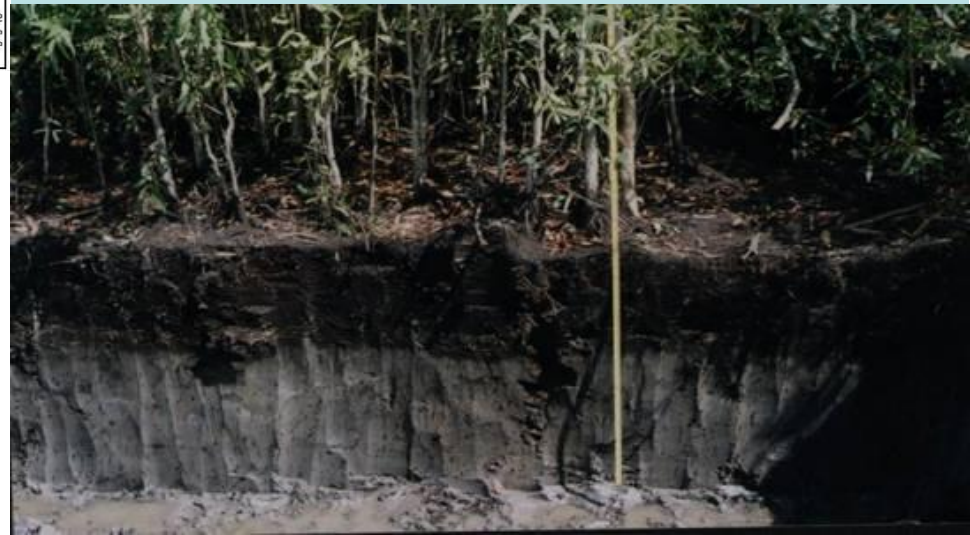


- Map of thickness of peat layers and peatlands distribution in UMTNP
Scale: 1/10,000.

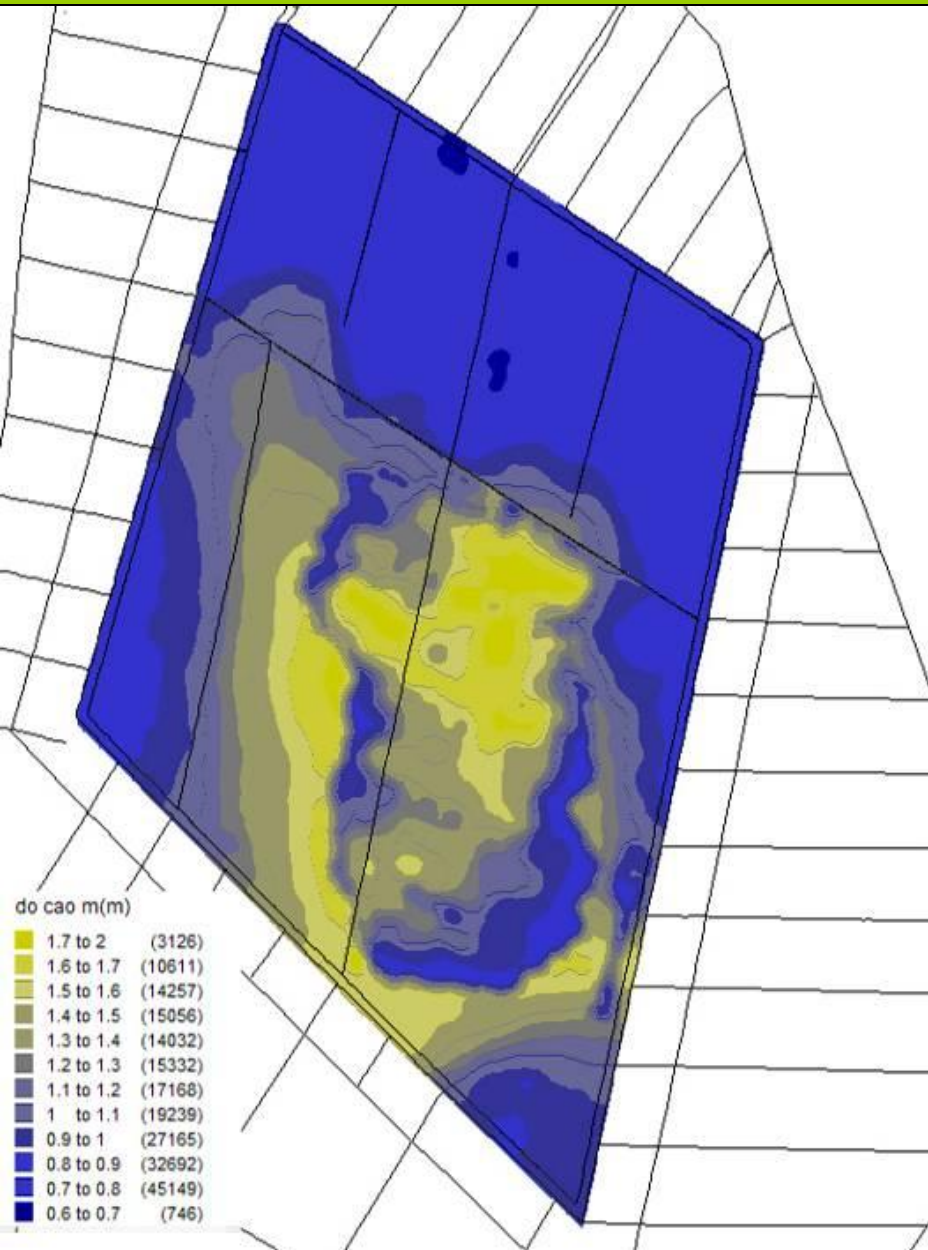
Action 2.1.1 Inventory of peatlands in Vietnam



- Map of thickness of peat layer and peatlands distribution in U Minh Ha region.
Not detail.



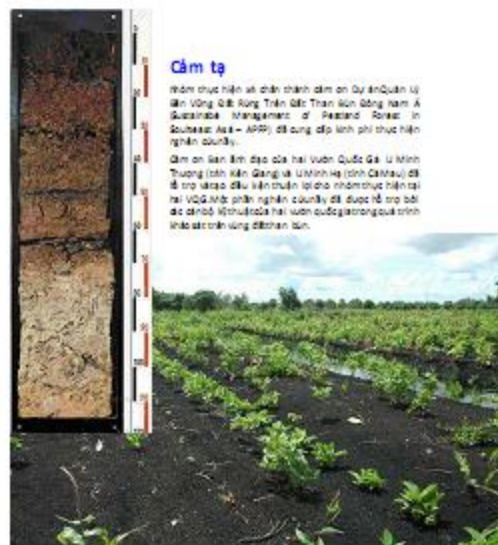
Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam



- Map of elevation of U Minh Thuong National Park
- These maps have been applied for integrated management of water and fire in the park

Activity 2.1.1 is completed 100 %.

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.
- Maps are disseminated to national parks and other relevant local stakeholders: Provincial DARD, DONRE.
- A report of peatlands in Vietnam is completed.

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

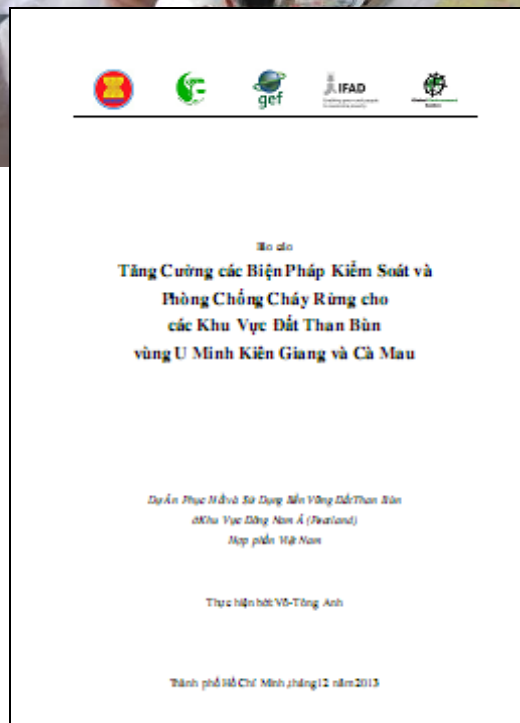


- A report of proposed solution to the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management in peatlands.
- Five years action plan of UMTNP and submitted to Kien Giang Provincial government.
- A land use planning of buffer zone of UMHNP was prepared to support the local government.

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



- Maps of hot pots of UMT and UMH national parks.
- Report on assessment of potential risks of forest fires in peatlands of UMT and UMH national parks.
- The integrated solution in order to prevent the risk of forest fires on peatlands completed and applied by UMTNP.



OUTPUT 3.1 Support the implementation a site management plan for UMTNP

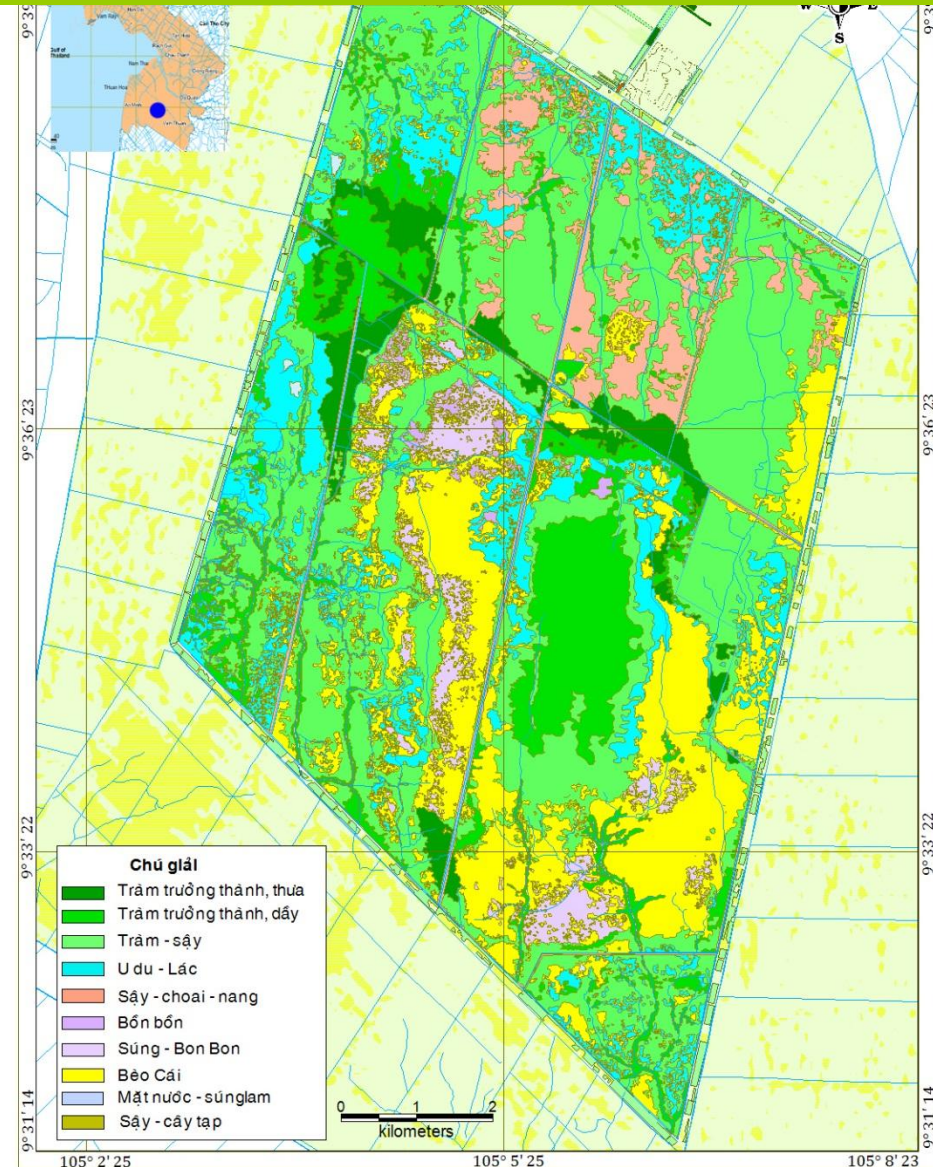
Action 3.1.1 Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.



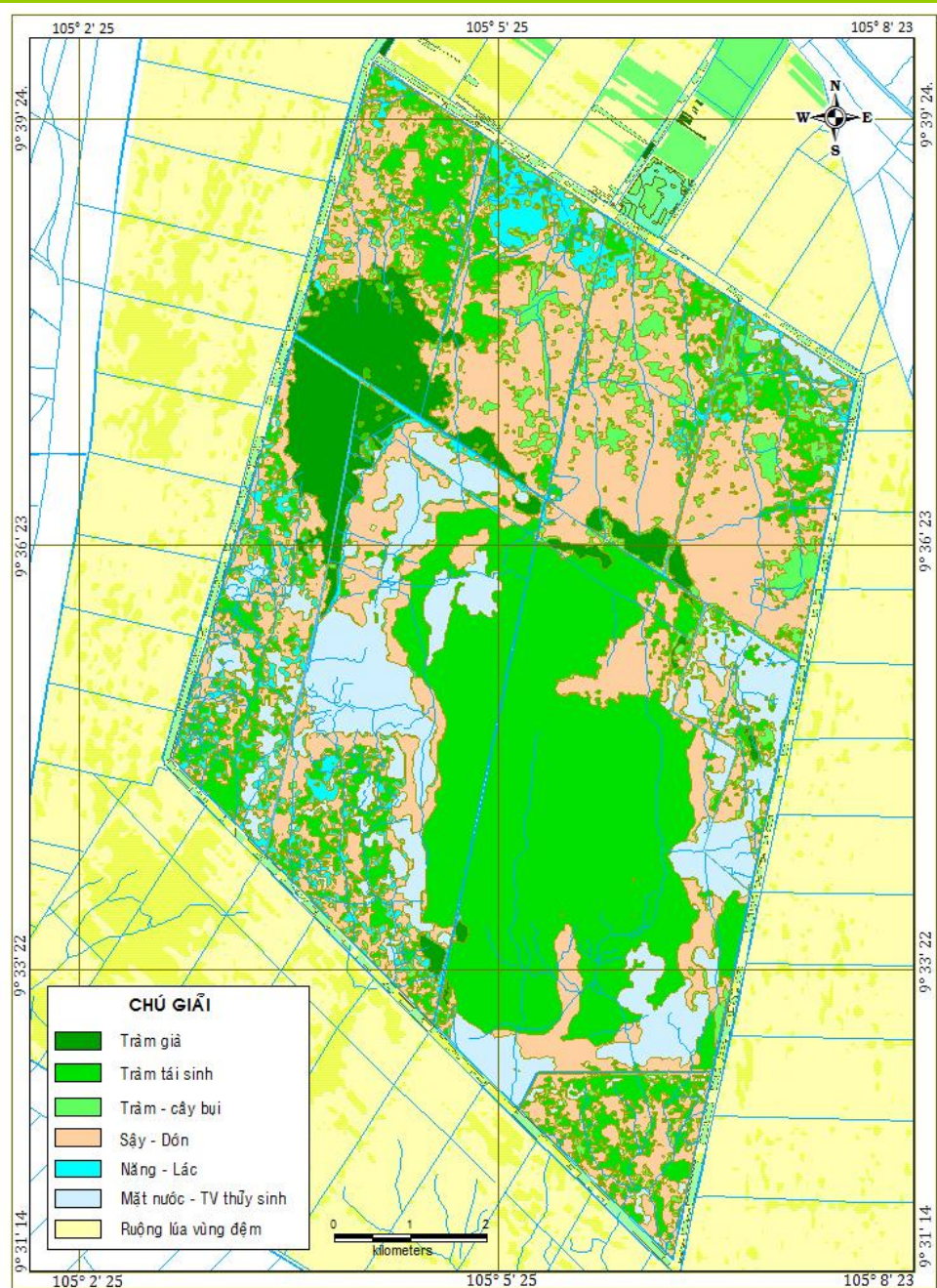
Action 3.1.1 Conduct field assessments of peatlands UMTNP, and contribute to the refinement and implementation of the park management plan and development of plans for the buffer zone.

The final report was printed and handed over to UMTNP:

- *Map of distribution of vegetation communities in UMTNP. Scale 1:10,000*
- *Inventory of species of vegetation in UMTNP.*



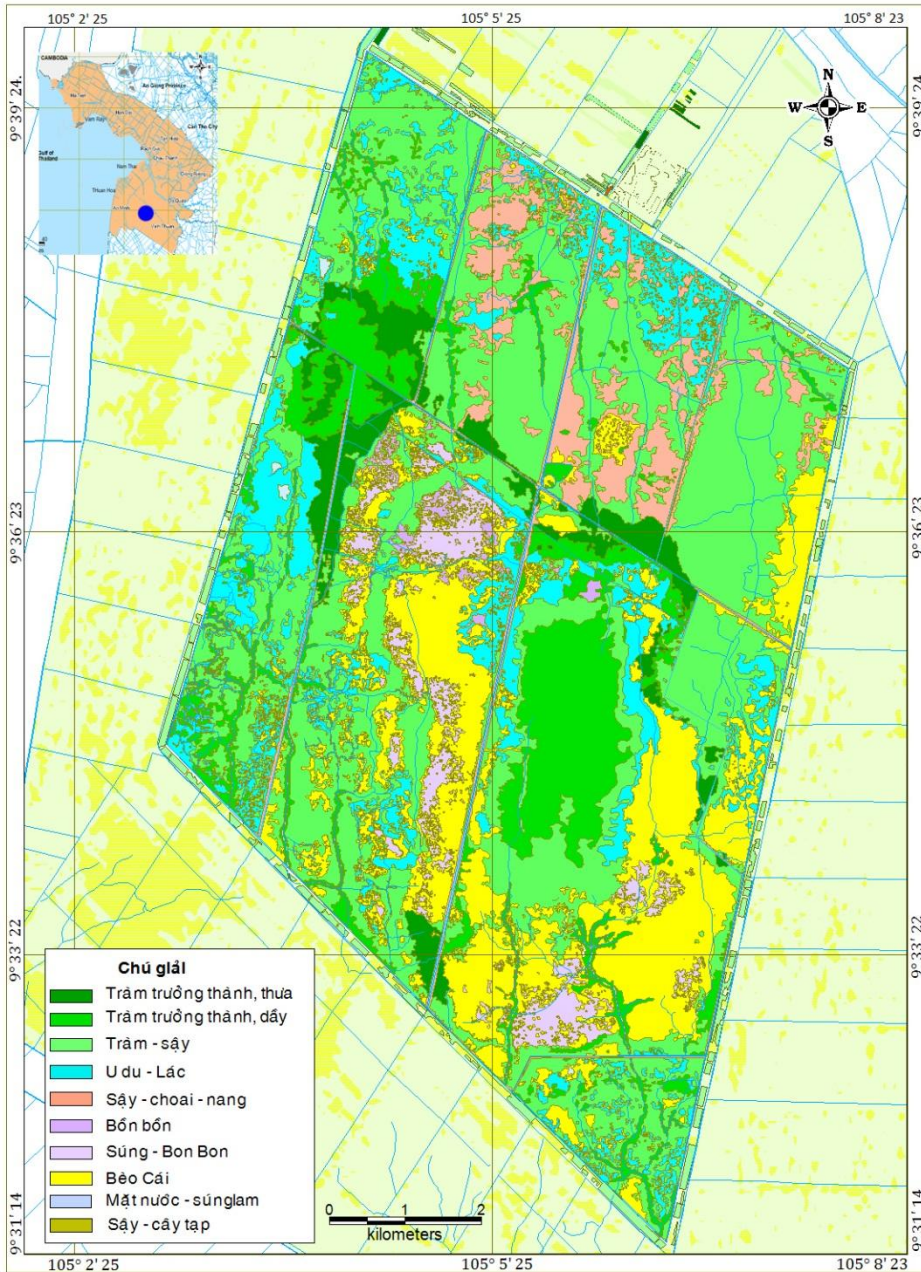
Action 3.1.1 Conduct field assessments of peatlands UMTNP



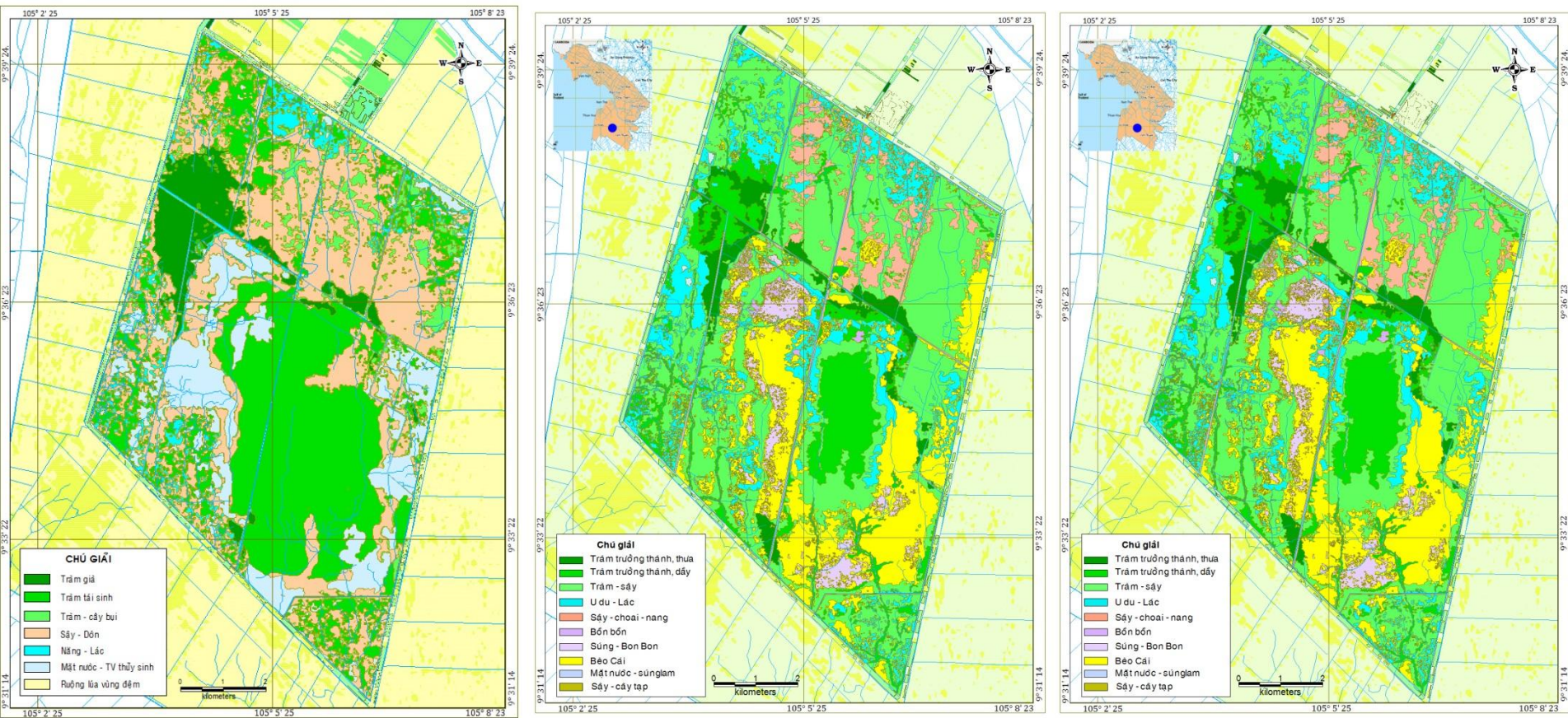
- *Map of ecosystems of UMTNP – 2006*
Scale 1:10,000

Action 3.1.1 Conduct field assessments of peatlands UMTNP

- Map of ecosystems of UMTNP – 2009
Scale 1:10,000



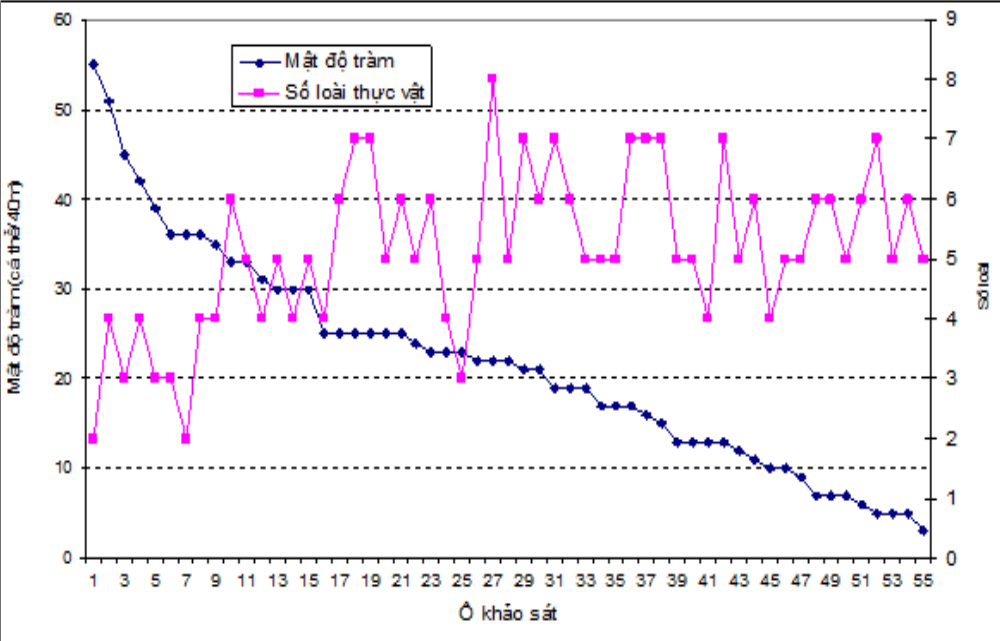
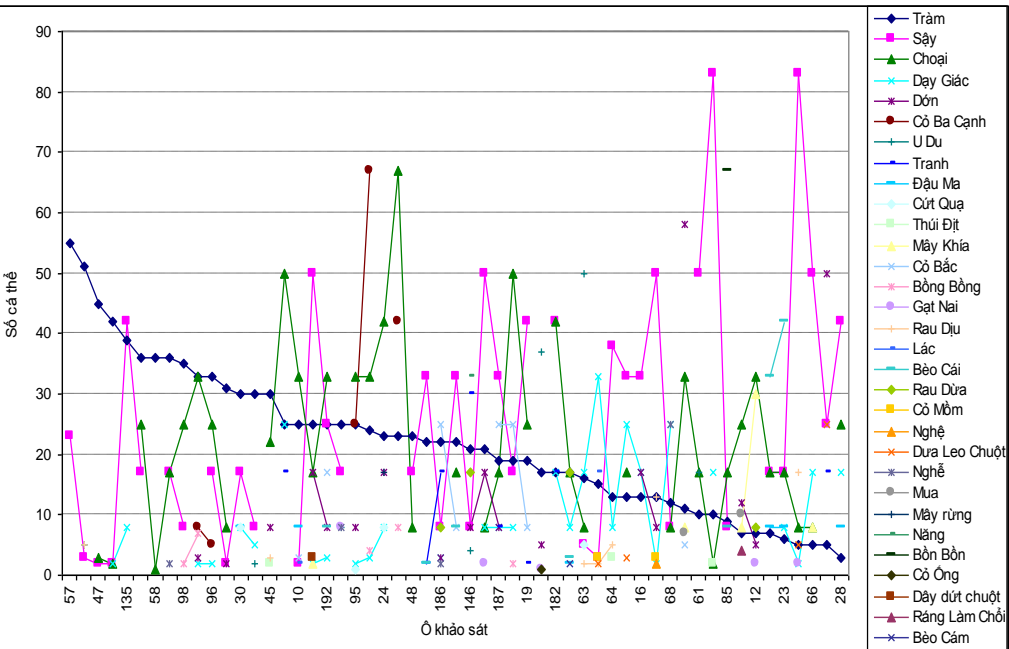
Action 3.1.1 Conduct field assessments of peatlands UMTNP



	2006	DT (ha)		2009	DT (ha)		2013	DT (ha)
1	Melaleuca	3.904,16	1	Melaleuca	4.440,87	1	Melaleuca	4.460,78
2	Grasslands	2.772,50	2	Grasslands	0	2	Grasslands	1.447,69
3	Swamps	1.126,74	3	Swamps	3.393,37	3	Swamps	1.912,8
4	Bushes	141,8	4	Bushes	142,55	4	Bushes	142,55

Action 3.1.1 Conduct field assessments of peatlands UMTNP

- Assessment of biodiversity index (BI) of species of vegetation in UMTNP



Action 3.1.1 Conduct field assessments of peatlands UMTNP



Co-funding

- Under supporting from provincial government:
- *Restoration of Melaleuca forest has been of 500 hectares.*
- *Alien vegetation control in the park.*

**Total co-funding:
140,000 USD**

Action 3.1.1 Conduct field assessments of peatlands UMTNP,



Some initial results of project activities have been used in UMTNP



Book of List of Birds in U Minh Thung National Park





QUẢN LÝ BỀN VỮNG ĐẤT THAN Bùn ĐÔNG NAM Á
Sustainable Management of Peatland Forest in Southeast Asia - APFP

HỆ SINH THÁI VÀ ĐA DẠNG SINH HỌC TẠI VQG U MINH THƯỢNG, KIÊN GIANG



Nguyễn Thị Vân Hà
Lê Phát Quới
Võ Thị Thu Vân



NỘI DUNG TRÌNH BÀY



1. PHẦN MỞ ĐẦU
2. MỤC TIÊU, NỘI DUNG
3. HỆ SINH THÁI VÀ ĐA DẠNG SINH HỌC
4. NHẬN XÉT

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.



Estimated volume of completed work of Activity 3.1.1: achievement 70 %.

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

Province Government highly recommended and used in environmental education in education network in Kien Giang Province (Primary school and highschools and Provincial Library)

- 07 banners were designed and set up in the UMTNP.
- 4 maps of ecosystems of UMTNP

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.

Participants:

- *Province*
- *District*
- *Communes*
- *Relevant agencies*



Workshop on rehabilitation and conservation of biodiversity in peatlands of Mekong Delta.

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



- One workshop in Hanoi
- Two workshop organized to in UMTNP.
- Completed 100 %.

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.



- **A proposal of livelihood development of community in buffer zone of UMTNP was completed at the end of 2013.**
- **The proposal has been used by UMTNP and GIZ to develop local 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.



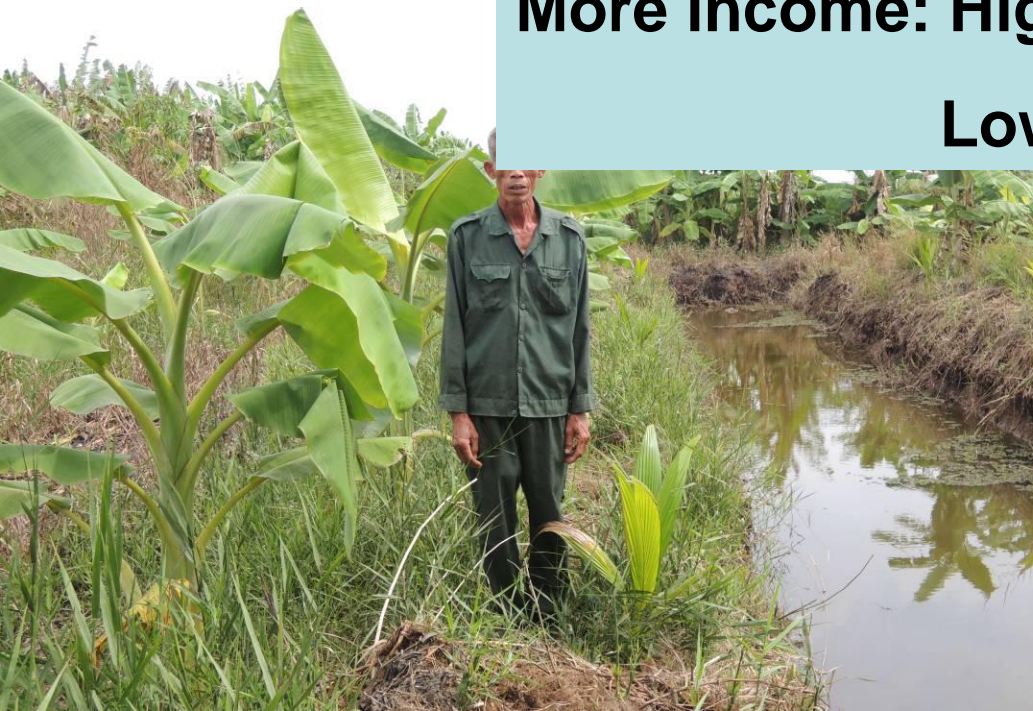
Crops – Fish
Fruit trees – Vegetables
Melaleuca – Rice – Fish
Livestock – Fish





More income: Highest: 300 USD/Month

Lowest: 180 USD/Month



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

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.***

Final workshop on project evaluation



- Held by MONRE
- All of consultants give the presentation of project activities.
- Participants from provinces and relevant agencies.
- Project activities are highlighted and get good result

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	80	20
	Action 1.1.2. Promote the peatland NAP to relevant key stakeholders	100	0
	Action 1.1.3. Strengthening legislation, policies and institutional framework for improved integrated peatland management	100	0
	Action 1.1.4 Technical guidance and coordination for component	100	0
<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.	100	0

SUMMARY OF VIETNAM COMPONET ACTIVITIES

<i>Output 2.1 Managemen t of peatlands in Vietnam Enhanced</i>	Action 2.1.1 Carry out an assessment to fill gaps in inventory of peatlands in Vietnam	100	0
	Action 2.1.2 Promote the incorporation of peatland conservation into land use planning - water resource management, agriculture and forest management	100	0
	Action 2.1.3 Promote measures for fire prevention and control in peatlands	100	0

SUMMARY OF VIETNAM COMPONET ACTIVITIES

<i>Output 3.1 Support the implemen tation a site managem ent 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.	100	0
	3.1.2 Provide training and support for staff of relevant agencies on participatory management involving the local community.	100	0

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.	100	0
	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.	100	0
	Act. 4.1.3. Document lessons learned from the experience of the sustainable livelihoods project and disseminated information to others	100	0

3. Reviews and Comments



- After two years 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.

3. Reviews and Comments

- **Inventory of peatlands in Vietnam**
- **Mapping the peatlands of two national parks**
- **Mapping of ecosystems of UMT national park that has been useful for management and rehabilitation of biodiversity.**
- **A plan of integrated management of water and fires in peatlands of UMTNP. No forest fire since project implemented (2008 – 2014).**

3. Reviews and Comments

- **Community-based management of national part depending on livelihood development project resulted in no illegal activity, no fires.**
- **From result of community livelihood development project, GLZ project funded of 30,000 USD for UMTNP to apply Green Contract in buffer zone.**

3. Reviews and Comments

- Enhanced knowledge for local government of function and values of peatland and its biodiversity resulting in being supported funds and help from local government.**
- Results of project activities supporting for application for RAMSAR recognized next year (2014).**

3. Remarks

- **Although there were difficulties in project activities, but the consultants have tried to complete contents of the project activities.**
- **The content of the project activities is still few thing that must be completed next month.**
- **Combined all of seperated reports to a final report**

for cooperation activities up to 2014



- **Dissemination of fire and water integrated management in peatlands being conducted in UMTNP to other peatland areas.**
- **Organized a workshop on peatlands assessment and Management in Ca Mau Province under supporting by SNV.**
- **Continue to support the UMHNP for function zoning of UMHNP**

for cooperation activities up to June 2013



- **Apply the “Green Contract” in community livelihood development in peatlands of UMHNP.**

**THANKS
FOR YOUR ATTENTION**

