Site Analysis activity: working with team of botanical expert, forestry officials and landscape architects to Identify key resources and visitor information needed in order to develop zoning and design concept of nature trail and interpretive facilities

Implementing a natural conservation and urban forestry program as part of the curriculum for local school children

- Review curriculum and identify major stakeholders to involve in developing curriculum.
- Designing curriculum
- Provide Training for volunteer teachers
- Classroom Practices
- Monitoring, evaluating and adjusting curriculum

Working Group 2

- Local Schools: Head Teachers, Volunteer teachers, School Children.
- Education Specialists.

Running the process of local curriculum development with education expert, head teachers and volunteer teachers from 10 Schools in Bang Kachao.

Encouraging local volunteers and youth groups involve the education programs.

- Review of modules and training practices of current biodiversity conservation education program
- involve in stakeholders developing program
- Designing and developing program
- Provide of training, tool kit and manual

Working Group 3

- 15-20 of young volunteers.
- 15-20 of local volunteers.
- Biodiversity conservation education program development specialists.

Biodiversity survey and sample collecting training with local volunteers

Expected Outcomes & Activites

Output 2. Establishment of biodiversity conservation area through ecotourism channels to achieve an increase in visitor numbers as well as in the income flow to the local people.

Activity 2.1. Developing facilities of the project site to provide more extensive experience to visitors.

Activity 2.2. Marketing the Bang Kachao site to potential visitors

Activity 2 3. Training the local people as tour guides..

Developing facilities of the project site to provide more extensive experience to visitors.

- Identify key areas in Bang Kachao for biodiversity conservation and ecotourism development
- Develop visitor routing, activities and programs etc
- Develop Interpretation and Outdoor Exhibition for demonstration sites

Working Group 4
- Key Informants from 6 Tambons.
- Tourism Specialist
- Landscape Architect
- Ecologist
- Tour operator and travel agents
- Local entrepreneurs

Consult and survey with local cycling guide and the officer of BEDO (Biodiversity-Based Economy Development Office) who has designed the local cycling route, to link with Identify key areas in

Marketing the Bang Kachao site to potential visitors

.

- Conducting market research
- Involve key stakeholders in develop marketing planning and strategies.
- Developing tools and content for marketing communication/ media eg, facebook, brochure, and leaflet to target market/potential visitors.
- Organise fam trip as a flagship activities to promote Bangkachao

Working Group 5

- Local env. Network from 6 Tambons.
- Tourism Specialist
- Thai Ecotourism and Adventure Travel Association" (TEATA)
- Tour operator and travel agents
- Local entrepreneurs

NATURE
LEARNING CENTER

Involve key stakeholders in develop marketing planning and strategies.

Training the local people as tour guides.

- Prepare training manual provided for local tour guide training.
  - Overview of module and training practices
  - Develop specific modules and training manual for local tour guides training in Bang Kachao.
- Organizing a series of trainings for 15 local volunteers.
- Provide Manuals

Working Group 6
- 15-20 of Local Volunteer from 6 Tambon.
- Tourism and Service Trainers
- BEDO

Expected Outcomes & Activites

Output 3: The maximized ecotourism attraction of the project site by improving the habitat for dependent flora and fauna species.

Activity 3.1 Developing conservation sites for feeding endemic fauna

Activity 3.2 Maximizing the biodiversity of the project site by scientific management.

Developing conservation sites for feeding endemic fauna and Maximizing the biodiversity of the project site by scientific management.

- Collecting baseline information for conservation sites
- Conduct landscape ecology planning
- Developing guidelines for scientific management tools and recommendations
- encourage local community members to operate the selected conservation sites.

Working Group 7
- 15-20 of Local Volunteer from 6 Tambon.
- Landscape Architect/
- Forest specialist
- GIS
- IUCN
- Faculty of Forestry, Faculty of Architecture, Kasetsart University

Collecting baseline information for conservation sites

Expected Outcomes & Activities

Outcome 4. The available project information for the public outreach.

Activity 4.1 Documenting the project information.

Activity 4.2 Reporting

Documenting the project information

- Develop database information and map, reports on biodiversity, training manuals, curriculums to make available to public. (Hard copy, CD-Rom, PDF files to upload on RDF website)

- Develop tourist guidebook and map to promote The Sri Nakhon Khuan Khan Park and demonstration and learning site visitation (Booklets, brochures, leaflet and content to upload on RDF website)

Documenting the project information

- 3 months behind the schedule due to political conflict
- Need to be speed up to meet the timeline according to the project period
- Respond to climate change in urban area
- Future plan to respond global and urban dynamics
- Meet new trend of urban lifestyle: eco-tourism, low carbon city, etc.

Thank you very much

Multi-function forest restoration and management of degraded forest areas in Cambodia

The progress in 2013

So Thea
Deputy Director of the Institute of Forest and Wildlife Research and Development
(Forestry Administration)

Fifth Annual Meeting of the APFNet Focal Points
7-8 May 2014
Chiang Mai, Thailand

Contents

1. Background
2. Project progress status for 2013
3. Midterm Evaluation
4. Annual activity plan for year 3 (2014)
5. Lessons learned

1. Background
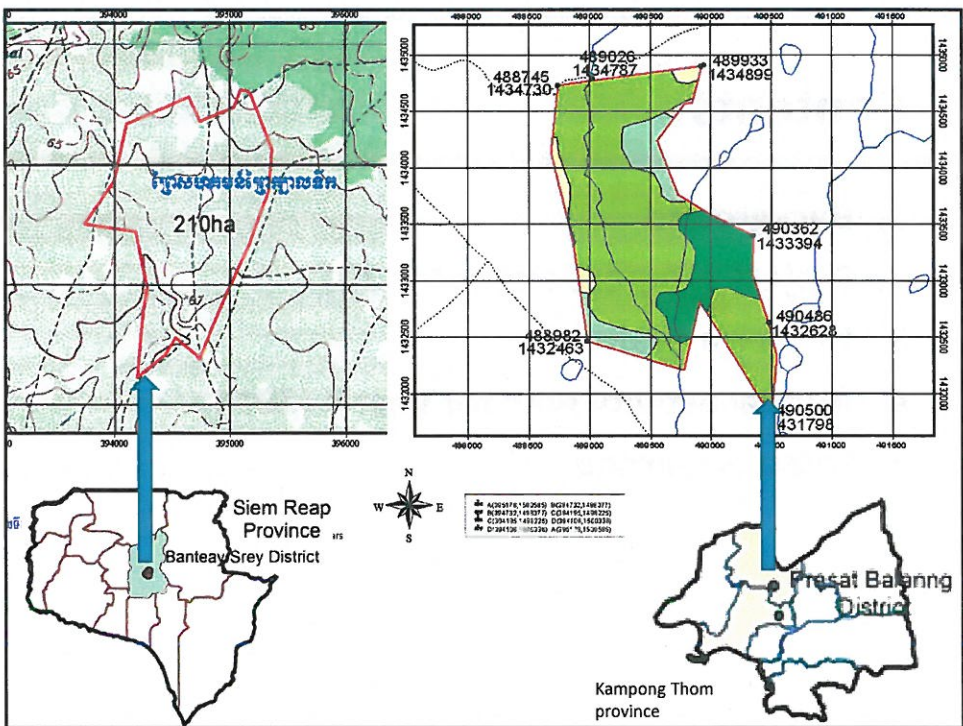
Time frame: December 2011-2014

Objective:

To restore community forests in Siem Reap and Kampong Thom provinces for production of timber and NTFPs as a means to improve livelihood of local community.

Outputs:

Output 1: Community nurseries established

Output 2: Models of forest restoration plots established
Output 3: Sharing of knowledge and experience through TV spots, technical note and workshop.

Management:
Project Steering Committee (5 members, chaired by DDG of FA)
Project management team (10 members)

2. Project progress status for 2013

Outputs/Activities (based on approved AWP)	Projected Completion Date	Delivery Rate to date (%)	Actual progress toward the targets
Output 1			
Activity 1.1 Formation of the project coordination group	Go through to Y3	70%	70%
Activity 1.3 Meeting of the Steering Committee (PSC) for approving the AWP and OWP	Year 2, Q1	100%	Year 2, (Done in July)
Activity 1.7 Study of seed phenology of indigenous tree species	Year 3, Q3	70%	Four surveys of seed phenology remained to be done in year 3.
Activity 1.8 Training course on nursery management	Not planned for year 2	100%	The training course was originally planned for year 1, but it was repeated again in year 2 on recommendation of the MET.
Activity 1.9 Seed collection and/or procurement	Year 2, Q1	100%	This work is completed
Activity 1.10 Production/procurement of seedlings for planting	Year 2, Q2	100%	This work is completed
Activity 1.11 Research in the nursery	Year 3, Q2	80%	Year 3, Q2

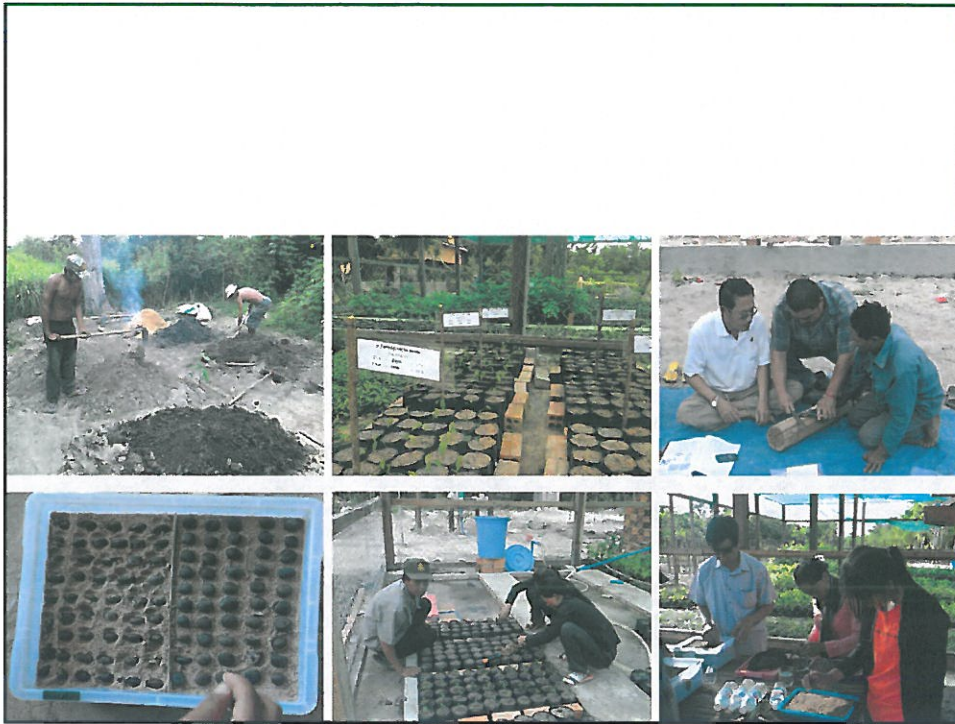# 2. Project progress status for 2013, cont.

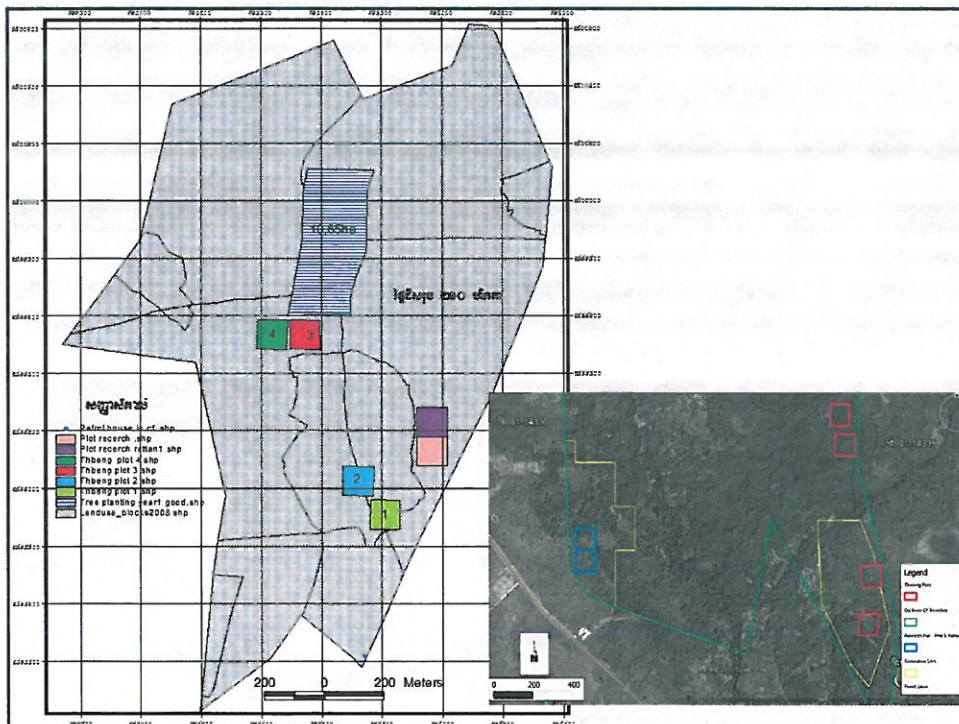| Outputs/Activities (based on approved AWP)	Projected Completion Date	Delivery Rate to date (%)	Actual progress toward the targets
Output 2			
Activity 2.1 Assessment of sites, zoning and mapping of forests in the two pilot provinces	Year 2, Q1	100%	This work is completed
Activity 2.3 Planning of forest restoration for each forest zone in each pilot site	Year 2, Q1	100%	This work is completed
Activity 2.4 Establishment of a model forest restoration area	Year 2, Q1	100%	This work is completed
Activity 2.5 Establishment of research areas	Year 2, Q2	100%	This work is completed
Activity 2.6 Monitoring and maintenance of the forest restoration and research areas	Year 3, Q4	50%	Year 3, Q4

Summary of main achievement

- Two nurseries (office cum storage, nursery beds and watering system);
- Three training courses on seed pretreatment, potting mix and nursery management organized with participation of 89 community members;
- Eight forest rehabilitation demonstration plots, four research areas and 25 ha forest restoration areas established; and
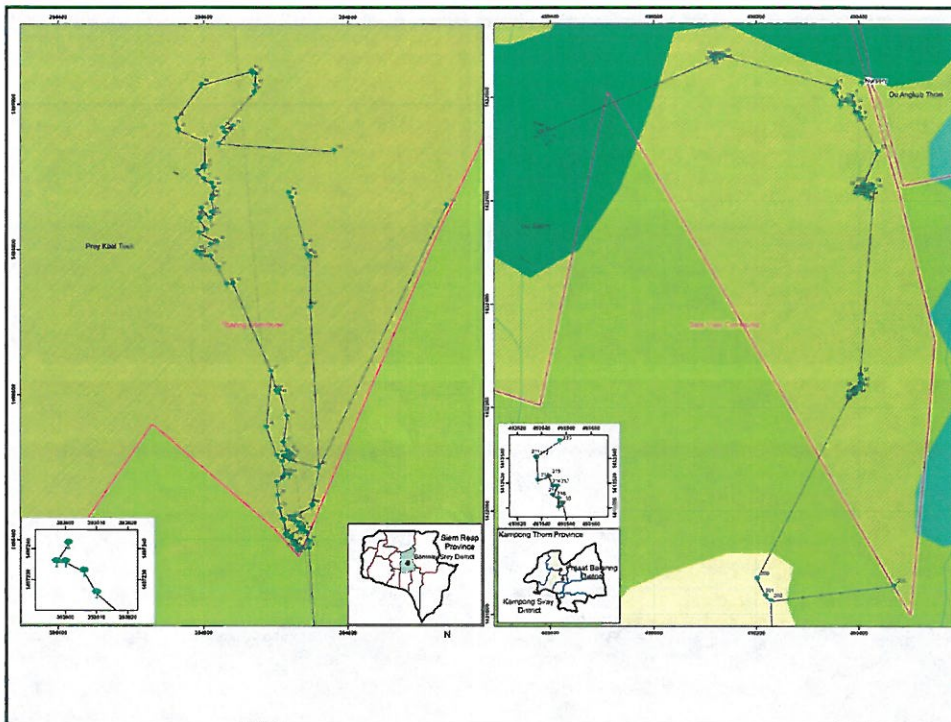- Priority species marked and seed phenology surveys halfway.

Monitoring and maintenance of the forest restoration and research plots

3. Midterm Evaluation

September 2013 by Dr. Dachang LIU

Re-phrase the project goal: "rehabilitate the degraded forests in the project sites to a status well stocked with HVT species ... and the project sites become a recognized national model on forest rehabilitation ...".

Re-phrase the objectives

> Objective 1: "xx restoration demonstration plots and xx ha of restoration areas fully established...".
>
> Objective 2: "capacity of FA and local communities on forest restoration developed and enhanced"

Overall score: 3.4 (range between 4 and 1)

Other comments from the MET

- Increase the frequency of the PSC meeting
- Provide more training on nursery management with more participation of women
- Demonstrate methodology on restoration of a protected area
- Include agro-forestry system to the forest restoration activity
- Use more plants/trees producing NTFPs, such as bamboo, rattan and fruit trees