

Report of International Training on Forest Certification

Report Submitted to

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Report Submitted by

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Table of contents

Background	3
Objectives	3
Participants and facilitators.....	3
Agenda of the training	4
Major highlights of the training	4
Some important observation and lesson learned of the visit.....	8

Background

ANSAB has been coordinating a pilot project ‘certification and sustainable marketing of non-timber forest products of Nepal’ along with other public and private partners. The forest certification is very new field in the context of Nepal and human resource in that area is limited. In this context, public private alliance (PPA) proposed to develop human resource expertise on forest certification. An international training on forest certification was assessed and applied in Swedish International Development and Cooperation (SIDA). The course has two parts. The first part was in Sweden and second part in Tanzania. Mr. Ram Prasad Acharya was selected for the whole training course. This report captures the major highlights and observation during the second part that was held November 15-27, 2004 in Tanzania.

Objectives

The general objective of the training program was to improve the possibilities of introducing Forest Certification and Environmental Management Systems in selected countries by giving key persons a thorough training of the principles, the criteria and the practicalities of certification.

The main issue of the program, Forest Certification, encompassed several different subjects and theories, among others; Forest Management, Ecology, Systems Analysis, Environmental Management Systems (ISO 14001 and EMAS), Environmental Laws, Quality Control, Communication Systems, Biodiversity, and Wood Utilization.

Different working methods were used in the training program. The methods were:

- Lectures
- Study visits and observation
- Practical case studies on certification in Tanzania
- Presentation and examination of certification examples from tropical forests
- Presentation country specific pilot activities

During the program two major sites were visited to observe and study forest management practices and those sites were: Kilombero Valley Teak Corporation (KVTC) and Tagnanika Wattle Plantation (TANWAT). Other sites include Mikume National Parks; and other historical sites. The pilot activities were also shared during the program, which aim at introducing or strengthening the ideas behind Environmental Management Systems and Forest Certification in the participating countries. The progress of pilot activities was presented in the training.

African examples and experiences were extensively used as references during the training period.

Participants and facilitators

The participants of the training program were policy makers, forest managers, forest industry managers, representatives for environmental groups and potential certifiers with a relevant university degree and at least 5 to 10 years of working experience in leading position or

alternatively profound academic background from within the fields of natural resources management.

A total of 33 participants (30 participants-Sweden May 2004 batch and 3- 2003 batch) from four continent including 26 countries participated in the training. Women were encouragingly participated in the program. The list of participants is provided the **Annex 1**.

The facilitators were from the high level organizational representation from Sweden, Tanzania, Chile and United Kingdom. The facilitators were mainly from environmental NGOs, industrial sectors, University Professors, Certification Agencies, Certified Body and Social Groups and Association representatives. The list of facilitators and resource persons is provided in **Annex 2**.

Agenda of the training

The training program was very extensive and covered several agenda. In first week the process towards Forest Certification, in second week certification in practice – small scale and large scale perspective technology and economy and in the third week certification activities in participating countries. The major coverage of the training is

- Forest industry and marketing;
- Ecological aspects and biodiversity;
- Social aspects of forest certification;
- Development of national standards: process and cases;
- Plantation and forest certification
- Sustainable forest Management and pilot project activities sharing

The detail of the content of the training program is in **Annex 3**.

Major highlights of the training

Inaugural and Introductory session

The training was kicked off in very informal way. Swedish Ambassador inaugurated the training on November 15 2004, in Kunduchi Wild and Water Resort, Daresalaam, Tanzania. He expressed the need of forest certification in resource management and poverty reduction in African context including Tanzania.

Study visit to Mikomi National Park

The park was gazetted as National Park in August 1964 and it occupies 3230 square kilometers and is the 3rd largest park in Tanzania. The park is named after the village just beyond its western border on the Dar es Salaam - Iringa Highway which bisects the park for 50 km and the boundary is clearly signposted. The village turn takes its name from the National language "Kiswahili" for the Borassus palm (*Borassus flabellifer*), which once grew there in profusion. These trees are recognized by their straight, spindle - shaped pale, grey trunks. the park shares its boundary in the extreme south, with the Selous Game Reserve which is the largest Reserve in Africa and the two make one ecosystem and some animals (Elephant, Buffaloes and Zebras) migrate to and from the northern part of the reserve into Mikumi National Park.

The park lies in a horseshoe of towering mountains and forested foothills which almost enclose the flood plain of the Mkata River. To the east rises the 22743 metres massif of the Uluguru ranges while to the south west is seen the craggy-peaks of the Lumango mountains. The hogbacked ridges of the Mbesera, Madzini and Mazunyungu hills sweep round north ward and westward to the far south is the recently 1992 gazetted Udzungwa Mountains National Park which is part of the Eastern Arc Mountains which include the Usambaras.

The park gate is 96 km from Morogoro along the Tanzania - Zambia Highway, 288 km from Dar es Salaam, 216 km from Iringa and 80 km to Udzungwa National Park. According to park staff the best time to visit park is during the dry season which is June through February. The best times of higher opportunities to see even the rarely seen animals, are early mornings and early evenings. During rainy season (March through - May) some of the park roads are slippery, muddy, and therefore impassable. If you are new to the park do not take risk of making game drive without a park guide as you are likely to lose your way and get stuck unassisted. Park guide service is available at the park gate for a fee.

In the Mkata flood plain which is at an average of 548 m. above sea level, where the days are hot and nights are cool, is to be found a spectacular concentration of the plain variety of animals. These animals include four of the "big five" Elephant, Buffalo, Lion and Leopard along with many other animals.

In the "Miombo" woodland of the mountain ranges and foothills it is likely to have opportunities to see Hartebeest, sable antelope, greater kudu, colobus monkey and hunting dog. With careful observation, many other types of animals and woodland bird varieties can be seen. Over 300 birds species have been recorded in the park some of which are Eurasian migrants e.g. redbilled Oxpecker. Marabou stork, lilac breasted Roller. There is museum at the park gate which contains a number of exhibits of interest to visitors. Mikumi's sun sets are very spectacular and offer magnificent sight for a relaxing tourist which contains a number of exhibits of interest to relaxing tourist.

During the visit in the park, most of the wild animals including lion have been seen. The animals were Zebra, elephants, monkey, wild beast, wild buffalo, deer etc.

Paper presentation during training period:

Dr. Berty van Hensbergen presented on the Introduction to Tanzania & Forestry. He stressed on his presentation on general description of Tanzania, forestry in Tanzania as well as traveling arrangement in Tanzania. He explained that this country is the Galapagos of Africa in terms of fauna and flora. He also shared an experience on Fire, Water, Bush and Game: Dynamics of an African Savannah Woodland. He made clarification on the multiple state of Savanah such as open grassland with few trees; closed woodland/shrubland with little grass; and anything in-between these states is the result of a significant perturbation of the system. The sites are useful to different animals.

Peter Sumbi and Stephne Mariki, WWF Tanzania, presented a paper on Forestry on Tanzanian. The presentation mainly covered on forest resources and distribution, ownership

of the forests and forest management issues. The presentation highlighted mainly the management issues, institutional issues and legal issues.

Similarly L. Mbwambo presented on Miombo Woodlands in Tanzania: distribution, ecology, management, utilization and some applied research. In his presentation he shed a light on overview about Tanzania, Miombo distribution, ecology, regeneration and utilization. The presentation also covered on social, cultural and ecological benefits of the Miombo forests.

Observation of the KVTC area

Kilombero Valley Teak Corporation (KVTC), which is owned by Common Wealth Development Co-operation (CDC), occupies 28000 ha of land that was leased with Government of Tanzania for 99 years. In 1992 Commonwealth Development Corporation identified Teak as target product to address global shortfall and Kilombero Valley is very suitable for the growth and development of teak, as the tree is very sensitive to its growth environment. In 1993 first Teak planted into KVTC, after an EIA, KVTC planned to be a Green Project and planted 4,860 ha of teak to date. A total of 12.5 Billion TSH's invested to date for the project.

The company conducted an EAI at the time of project inception and developed environmental policy as priority in 1993. The company is very much committed to maintain standards for not conversing evergreen forest throughout its activities. Recently the company seek further enhancement of its business and ISO 14001 certificates received last year. The company plan to achieve FSC certificate this year. KVTC shared its experiences regarding the preparation of the FSC certification. As a preparation, Soil Association Woodmark did an internal audit.

In Social sphere, the company contributed a significant to stakeholding villages (TSH's 150 Million) and village contractors spent TSH's 41 Million (2years as direct money whereas indirect contribution local economic empowerment Program (TSH's 103 Million last year) and Aids & Health related Program (TSH's 4.1 last year).

The company did several studies and prepared a number of reports. These are:

1. Socio-economic impacts of the company
2. Hydrological impacts of the company
3. Biological monitoring
4. Archeological survey

Several stakeholders consultation workshops were organized to address the issues identified during the internal audit.

The company does not produce and sell any timber and other products till date. But they have huge potential to sell teak timber in the near future. KVTC recently received environmental management system certification. To receive the ISO 14001 certification, the company did internal audit. The audit requested several corrective actions within the company.

Observation of the TANWAT (Tanganyika Wattle Company) Company

TANWAT (Tanganyika Wattle Company), it is also owned by CDC and it was founded in 1949, when the Commonwealth Development Corporation (CDC) took responsibility for a forest development project set up two years earlier by the Forest, Land Timber and Railways Company, to produce vegetable tannin extract from black wattle (*Acacia mearnsii*) bark, located in the Southern Highlands of Tanzania with 15,000 hectares of private forest business.

Production of tannin from wattle was the major source of revenue for the business until late 1960's when a decline in demand for leather goods, brought about by availability of cheaper synthetic alternatives. This resulted in an initiative aimed at exploring new global forestry product opportunities, reducing reliance on tannin products and creating prospects for increased revenue on a long-term basis. The Tanganyika Wattle Company is a fully owned subsidiary of CDC capital fund.

The operations expanded over the years and at present operations also include: the production of transmission, fencing and building poles from various Eucalyptus species; sawn timber from *Pinus elliotti* and *P. patula* plantations and the operation of a wood-fuelled power station.

During the visit six major observations were done. Those are:

1. Tanganiya wattle company
2. Saw mill
3. Electric power production
4. Kibena tea estate
5. Observation of forestry operation in TANWAT company including nursery practices
6. Visited and interacted with local people

Sharing of pilot certification activities in the participating countries:

A total of 33 participants from 26 countries shared the certification progress in their countries. The countries were Nepal, Ukraine, South Africa, Tanzania, Indonesia, Guatemala, Mongolia, China, Philippines, Malaysia, Laos, Swaziland, Belize, Chile, Guatemala, Venezuela, Colombia, Thailand, Vietnam, Zambia, Mozambique, Malawi Bosnia and Herzegovina, Cambodia, Bolivia and Kenya. The sharing of the participant's countries revealed that most of the countries were quite ahead in the certification except Mongolia. All participants shared the progress of pilot project to utilize and improve their training knowledge in the practical field. The pilot project activities are broadly categorized under the following

- Standard development/national working group formation and stakeholders consultation;
- Small forest owners-group certification (SLIMF) and community forestry certification;
- Non-timber forest products certification;

- Awareness and training for the forest certification;
- Chain of custody (CoC), marketing and processing;
- Preparation for certification implementation;
- Evaluating the impacts on ecology, economy and social aspects of forest certification; and
- Social, biodiversity and economic assessment techniques and others.

The details of the pilot projects presentation are available in CDs and lists of presentation in **Annex 4**.

Some important observation and lesson learned of the visit

1. African continent as well forests were observed and knew the people and forest conditions and management system.
2. The government managed forest, community managed forest and private company owned forests were observed.
3. The land of Africa was found very productive and very short rotation were observed in the forest area
4. Two companies were observed and interacted with involved people. It is realized that even from small area (40000 ha) it can be produced a huge amount of money and resources and employment opportunities.
5. The companies are receiving ISO 14001 certification and trying to get FSC certification. To receive FSC certification the companies are improving several corrective actions requesting (CAR).
6. The companies are incorporating environmental aspects of especially on biodiversity monitoring using flagship species habitat manipulation.
7. The company provides a significant number of employment opportunities but it is not enough to address issues Tanzanian poverty.

Annex 1: List of participants for the International Training Program on Forest Certification

Name	Designation and Organization	E-mail
Steven Ngubane	Small Business Development Manager, Forestry South Africa, Pietermaritzburg office, South Africa	fsasgg@global.co.za
Batsukh Nemekhjargal	Forest TDP Officer WWF Program office Mongolia	nbatsukh@majicnet.mn
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Nurcahyo Adi	Indonesian Forest & Trade Network Coordinator WWF Indonesia	nadi@wwf.or.id
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Ram P. Acharya	Community Forestry Officers, ANSAB, Kathmandu, Nepal	RamAcharya@ansab.org
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Ms. Judith Kamato	Lecturer, Forest Extension and Rural Development, University of Malawi, Bunda College of Agriculture, Malawi	jkamato@sdp.org.mw
Pro. Judith Petit Aldana	Professor, University of Los Andes, Venezuela	Jepetit@intercable.net.ve
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Gid		
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Mr. Nonito M.	Supervising Forest Management Specialist,	Nonie_tamayo@yahoo.com
Tamayo	FMB-DENR, Republic of Philippines	

**Annex 2: List of lecturers and resource persons in International Training Program
on Forest Certification**

Name	Address	E-mail
Mr. Klas Bengtsson	SSC-Svensk SkogsCertifiering AB, Sysslomansgatan 8 SE- 753 11, Upsalla, Sweden	klas.bengtsson@ssc-forestry.com
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Mr. Inge Johansson	Swedish Forest and Timber Trade Union Svardsjovagen 41, 812 94, Ashammar	hagmuren@home.se
Maria Ines Miranda	Gerente /General Manager SSC-AMERICAS Phone: 56-2-2400349 Fax. 56-2-2419385	
Stephen Mariki	WWF- MIKUMI, Tanzania	
Peter Sumbi	WWF- MIKUMI, Tanzania	
L. MBWAMBO	Tanzania Forestry Research Institute, Tanzania	lrmbwambo@yahoo.com ; ngara-tz@morogoro.net

Annex 3: International Training Program November 15-27, 2004 on Forest Certification, Tanzania

Day	Place	Theme
(Saturday 13)	Dar es Salaam	Arrival of the participants, Kunduchi, Wet'n"Wild
(Sunday 14)	Dar es Salaam	Arrival of the participants, Kunduchi, Wet'n"Wild
Monday 15	Dar es Salaam	Arrival of the participants, Kunduchi, Wet'n"Wild
		Swedish Embassy Speech
		Welcome and cocktailparty from Swedish Embassy
		Dinner
		Sleep over Kunduchi, Wet'n"Wild, Dar Es Saalam
Tuesday 16	Dar es Salaam	Breakfast and checkout + Packlunch
		Official opening
		Division of Forests and Beekeeping
		Departure for Pugu Forest Reserve
		Tanzania Wildlife Sociaty
		Departure for Morogoro
		Lunch in the bus
		University of Sokoine Miombo Reserve
		Departure
		Arrival Mikumi National Park
		Welcome Dinner
		Lions etc.....
Wednesday 17	Mikumi	Game Drive Group 1
	National park	Game Drive Group 2
		Game Drive Group 3
		Breakfast
		Introduction to forestry in Tanzania
		Forest Certification in Tanzania
		Coffe-break
		Fire, Water , Bush and Grass
		Introduction to Miombo and its use in Tanzania
		Lunch at the waterhole
		Introduction to Miombo and its use in Tanzania
		Time for relax, Swimmingpool Lions etc...
		Game Drive Group 4
		Dinner at Mikumo
		Sleep over Mikumo
Thursday 18	Mikumi	Game Drive Group 5
	National park	Game Drive Group 6
		Breakfast

		Departure for KVTC
		Arrival to Udzungwa National Park
		Departure for KVTC
		Arrival at KVTC
		Welcome to KVTC lunch
		Ichima - Introduction to KVTC
		Teak pl., Enrichment in Miombo, Firetower, Test indigenous species
		Groupwork 1 KVTC - Feedback- First Impression
		Welcome Dinner to Ifakara and KVTC
Friday 19	KVTC, Ifakara	Breakfast
		Departure for Nakafulo and Mafinji
		Stops at roadside for different aspects of operation - KVTC
		Lunch in the field
		Groupwork and Discussion - Critical aspect for Forest Certification for KVTC
		Feedback Discussion
		Farwell Dinner KVTC - Barbeque
		TRAIN Leave for Makambako (Njombe)
Saturday 20	KVTC, Ifakara	Train arrive Makambako - Bus to Njombe
		Check in to hotels in Njombe + Breakfast
		Arrival at TANWAT, Southern Highlands
		Study tour processing plants
		Lunch
		TANWAT Groupwork on FSC Aspects I
		Presentation Groupwork
		Dinner at Chani Discotime!
Sunday 21	TANWAT, Njombe	Breakfast
		TANWAT Groupwork on FSC Aspects II
		Welcome to TANWAT
		Sunday Lunch/Dinner
Monday 22	TANWAT, Njombe	Breakfast
		TANWAT Groupwork on FSC Aspects III
		Field Lunch ?
		Group presentations and discussion - Feed back
		Tanzania Forest Act vs FSC certification
		Fare Trade. Kebena Tee plantation
		Dinner at Chani Discotime II ??

Tuesday 23	TANWAT, Njombe	Breakfast and Checkout
		Departure by Bus from Njombe to Dar es Salaam
		Arrival at Sao Hill
		Visit to Sao Hill Pine Planation and Sawmill
		Depart for Isimila
		Stop at Isimila - Stone Age Factory
		Lunch at Isimila
		Arrival at Dar es Salaam
Wednesday 24	Dar es Salaam	Early Breakfast + Check out
		Departure for Airport
		Flight to Zanzibar - Bus to Chwaka Bay
		Check in Chwaka Bay hotel
		Lunch
		6 Pilot Presentations
		Dinner Zanzibar
		Sleep in Zanzibar
Thursday 25	ZANZIBAR	Breakfast
	Chwaka Bay Resort	6 Pilot Presentations
		Option: NGO ??- Sustainable Forestry in Tanzania
		Lunch
		4 Pilot Presentations
		Tour Zanzibar
		Dinner Zanzibar
		Sleep in Zanzibar
Friday 26	ZANZIBAR	Breakfast
	Chwaka Bay Resort	6 Pilot Presentations
		Missing Topics - Lecture Discussions
		Lunch
		4 Pilot Presentations
		Summary - Discussion - Evaluation
		Farwell Party Zanzibar
		Sleep in Zanzibar
Saturday 27	ZANZIBAR	Breakfast
		Departure Flight to Dar or Boat to Dar
		Participants leave Tanzania
	Dar Es Salaam	Sleep in Dar Es Saalam
Sunday 28		

Annex 4: The list of pilot projects activities presentation on Forest Certification in Tanzania.

Pilot project presentations

Georgiy Bondaruk	Preliminary analysis of the conformity of SARNY forestry activity according to FSC criteria
Jembe Severinus	Goodwoods certification process: wood carving project in Kenya
Ram Acharya	Certification and sustainable marketing of NTFP
Cesar Monje	Preliminary assessment of the economic, social and environmental aspect of a timber production by a small forest owner community in Choco Colombia.
Abel Masota	Development of joint forest management plans of forest reserves.
Reuben Nilus	Evaluating impact on forest certification at Deramakot FR. Sabah, Malaysia.
Somphone Bouasavanh	Evaluation impact on forest certification, Laos
Titus Dlamini	Towards sustainable forest management of natural forest and woodlands in Swaziland.
Anabela Fernandez and Hercylia Tombolane	Sissimuka Non Timber Forest products
Roberto del Cid	NTFP in the Mayon biosphere Reserve. Increase the benefits of the communities using NTFP (FSC labelled).
Suchat Kalyawongsa and Bonnie Kerr	Forest certification training in Thailand.
Judith Kamoto	Training government foresters and forest students in forest certification
Conrad Geldenhuys and Steven Ngubane	National standards development.
Godfrey Musunda	Towards National standards development for plantation forest in Zambia.
Marcela Santelices and Rodrigo Mujica	Development of a standard for natural forest for the forest certification scheme CERTFOR.
Judith Petit Aldana	Training forest students in Forest certification.
Tanya Santos	Promoting community participation in sustainable forestry in Southern Belize: the utilisation of FSC principles and standards as guide.
Adi Nurcahyo	Step wise approach toward certification, the obstacles and challenges.
Milanka Jovanovic	Development and testing of national standards for sustainable forest management and forest certification (link with national laws).
Xu Bin	Field-testing of FSC standards in Northern China.
Posma Panggabean	Functioning of CPP in National working group or comparison study between LGI and FSC standards.

Alejandro Aguilera	Improving current indigenous community hierarchical structures so as the FSC national standards.
Chhin Vannary	Analyse gaps of forest concession management plan of logging companies in Cambodia and their potential to get forest certification.
Francisco Shejamabu	Implementation of ISO 14001 standard at Tanwat.
Pem Kanel	Awareness raising on sustainable forest management and forest certification in Nepal