

REPORT ON TRAINING STAFF STUDY TOUR

6TH-9TH OCTOBER, 1997



1. INTRODUCTION

The above study tour was conducted with effect from 6th - 9th October, 1997. During the study tour the following places were visited Egerton University (NAKURU), Baringo Rehabilitation of Arid Environmental Charitable Trust (RAE TRUST) (Kampi ya Samaki), KEFRI Station (Marigat) and Pan African Paper Mills (EA.) Ltd. (Webuye) and also Turbo logging site as per the attached itinerary.

2. OBJECTIVES

The main objective of this study tour was to expose our staff to various aspects of training ranging from methods, techniques, evaluation and monitoring of projects with largely training and extension components.

3. EGERTON UNIVERSITY

(i). Overview

On Monday 6th October, 1997 the training team visited Egerton University. During the visit the team was met by Mr. Muiama and Dr. Chege Mungai-Lecturers from the Department of Agricultural Education and Extension. Mr. Muiama briefed the visiting team on the overview of Egerton University training activities. He informed the visiting team that the University deals mainly with Agriculture, Extension and forestry and a good number of ex-students are now contributing to Kenya's national development both in public and Private sector, some are even employed by Kenya Forestry Research Institute and other Institutions.

The Egerton University was started as Diploma offering College and later in 1987 became fully fledged University offering degree courses. The University has decentralized its training activities and currently has a student population of 8,000 students at Egerton campus, Laikipia campus and Kisii campus which caters for post graduate studies. Majority of University students are Kenyans but also caters for students from Zambia, Sudan, Malawi, Cameroon and West Africa.

The Department of curriculum and instruction trains mainly teachers and offers services to other departments in the field of communication, and also develops training materials. A documentary video on Egerton University was shown to the training team. The team learned that the 300 ha. land on which Egerton University is situated was donated by Lord Egerton in 1938 and was to be used for training the European farmers before Kenya's independence.



The agricultural training offered at Egerton University includes crops husbandry and animal husbandry. Animal husbandry concentrates mainly on poultry and dairy. Egerton University has also farms used for training and from the dairy farm the milk obtained is sold to KCC and the remaining used by the University and lastly other dairy milk used for making ghee and other products.

The University undertakes management of ASAL through irrigation but where not possible pasture management is undertaken. The breeding of local goats is also done for the purpose of improving the quality of the breed.

Trainings undertaken on other areas include Wildlife management, crop research management, Gender analysis which involves Extension outreach activities e.g. Agriculture, Home Economics, Agronomy, Horticulture, Animal science, Dairy, Food Science technology, Engineering and natural resources. All the Agricultural related courses must be taken with Extension course.

(ii). DEVELOPMENT OF EGERTON UNIVERSITY

In 1987 the University became autonomous and USAID which was a major donor to the Institution increased their funding on buildings equipment and staff development. The Chinese government also started funding the Institution on facility build up. (Currently Egerton University has four faculties namely Engineering, Agriculture, Education and Arts.

The University has also started a collaborative training course on participatory Rural Appraisal which is a methodology used to make decisions by farmers and collection of data for research purposes, in conjunction with Clark University (USA). This particular course has emerged from experiences in rural communities in Kenya and other many African countries. The achievements of PRA so far have been to strengthen local capacities to manage resources, improve livelihoods and communicate these approaches to other communities. The visiting team was introduced to this PRA by Mr. David Njarimari who is a lecturer at Egerton University. The team was informed that PRA is an approach to environmental management using the techniques of problem identification and project design based on local community institutions.

On the development of training materials the university has a relationship with Wageningen University in Holland, however they don't make enough training materials due to lack of budget. Therefore the institution would be very grateful to develop training materials in conjunction with KEFRI or JICA in future.

4. REHABILITATION OF ARID ENVIRONMENTAL CHARITABLE TRUST PROJECT IN BARINGO DISTRICT.

1. INTRODUCTION

On Tuesday, 7th October, 1997 the training team visited the above Project and was introduced to the overview of the Project activities by Ms. Elizabeth Meyerhoff. The Project was started in 1982 with the main funding from DANIDA and other international organizations.

ii) OBJECTIVE:

The main objectives of the Project was to rehabilitate denuded lands and to involving the local pastoralists establish community based land pastoral systems.

iii) ACTIVITIES:

The Project involves the local communities i.e. Tugen, Pokot and Njemps (Chamas), the pastoral communities participates in tree planting and raising pasture for their livestock. The Projects activities are mainly concentrated around Lake Baringo. The environmental problems faced by the pastoralists in this area are denuded land, exposed tree root system, drought and hardship, gully and wind erosion. Initially the Project concentrated its activities on the communal land, but due to reduced funding from the donors, the Project decided to change to private lands, so that the people can become self supporting at the end of the project period. The areas that have been planted with trees and pasture are enclosed using solar electric wire.

Currently the owners of the private lands plants their own trees and grass purchased at subsidized fee from the Project and they also pay for the project tractor incase they want to use it on their farms.

The Project also undertakes extension activities so that the local people can be reached and new technologies developed passed on to them, so as to improve their skills on tree planting and pasture management. The Project has also started goat breeding project in order to improve the quality of goats of the local pastoralists. Currently 19 fields covering 1600Ha have been rehabilitated with trees and pasture.

IV) ACHIEVEMENTS

The total number of the communal and private fields are 19 and 36 respectively. The local Community has benefited from the Project very much in terms of grass harvests from the fields and for thatching their huts. The other direct benefits are dams, rural access roads, employment, school assistance, assisting women's group and health care.

V) A VISIT TO A PRIVATELY OWNED LAND:

The training staff visited an individual's private field. The field was established 1996 is privately owned but it is manned by the Project personnel. In this particular field the land was furrowed by the project tractor and grass planted and also some few trees. However the owner decides on the field operations to be undertaken on the field. Lastly the Project is funded by the following donors-International Development Research Centre (IDRC)-Canada, Rockefeller Foundation and other well wishers.

5. MARIGAT KEFRI STATION:

I STAFF

The KEFRI Station has a total number of 22 staffs and these includes one Technologist who is the Officer-in-charge of the station, three technicians and 18 supportive staff.

II. ACTIVITIES:

This station was established in 1988 under the Dryland silviculture division, and it serves the following districts; Koibatek, Samburu, Marakwet and Elgeyo. The area altitude is 1100m above the sea level with an annual precipitation 450-500mm and unevenly distributed temperatures ranging from 18-32°C, and the local community inhabiting these districts are mainly pastoralists.

The main research activities being undertaken are the screening of Australian Acacia Spp. and Eucalyptus Spp. for ASAL areas for fuelwood and agroforestry. The research trial plots are situated at Ngambo and in this place there is ACIAR Project on rhizobium. In Kaptombes there is seed orchard of Eucalyptus camaldulensis which was established in 1993, and planted in 3 blocks covering 3 acres and the survival rate is 100%.

The FAO Project in this area lasted for 10 years and its main objective was to provide the farmers with 1 million seedlings per year and also to try and get petrol from Euphorbia spp. The Project succeeded technically to get petrol, but the production cost was very high and therefore it became very uneconomical to continue with its production. During the project period the farmers were assisted to plant trees and tools were also provided to them, but after the termination of the project the farmers also stopped tree planting activities. The problems currently experienced at Marigat are land ownership which is still by the community, hence tree planting activities are hampered. The grazing is done on different parts of the land every year, hence it becomes very difficult to control the grazing patterns since land is communal. There is a rampant damage by livestock of trees planted and lastly there is difficulty in communication between the KEFRI staff and the communities because fields are far away from the station. Presently the station raises 15,000 seedlings as compared to 1 million

seedling before FAO project ended. The seedlings raised comprises the following tree species *Azadirachta indica*, *Acacia albida*, *Sena siamea* are raised annually. The Moi University also uses the Station for their Research purposes in ARID lands.

6. PAN.AFRICAN PAPER MILLS (E.A) LTD

On Wednesday, 8th October, 1997 the Training team visited the above paper factory in Webuye (Bungoma District). The factory Training Manager conducted the introductory of the factory training activities. It was started in 1975. The team was shown a video on the overview of the factory. Since the factory was started 3,000 participants have been trained at the Institutional Training School. The schools have also used their factory products for teaching purposes. The waste water from the factory is treated and used in the Agricultural fields. The Training School also conducts special training on Forest safety, first aid, co-operative education and family planning. The other trainings offered are as tabulated below:

Table 1

<i>Course</i>	<i>Training period</i>	<i>Number</i>
<i>Indentured learners</i>	<i>2 years</i>	<i>364</i>
<i>Craft apprentices</i>	<i>3 years</i>	<i>177</i>
<i>Supervisor trainees</i> <i>(Processing, Engineering, Commercial)</i>	<i>2 years</i>	<i>312</i>
<i>Commercial trainees</i>	<i>2 years</i>	<i>36</i>
<i>Overseas training</i>	<i>3 months-1 year</i>	<i>70</i>
<i>Graduate trainees</i> <i>(Processing, Engineering, Commercial)</i>	<i>2 years</i>	<i>81</i>
<i>Management programmes</i> <i>(Processing, Engineering, Commercial)</i>	<i>1-4 weeks</i>	<i>420</i>
<i>Skills improvement and correspondence courses</i> <i>(Processing, Engineering, Commercial)</i>	<i>1-2 years</i>	<i>486</i>
<i>Vocational and Industrial Attachments</i>	<i>2-3 months</i>	<i>592</i>
<i>Forestry operations</i>	<i>2 years</i>	<i>182</i>
<i>Occupational health and safety management</i> <i>(Processing, Engineering, Commercial)</i>	<i>12 weeks yearly</i>	<i>922</i>
	<i>TOTAL</i>	<i>3642</i>

NB: The Panafican Paper mills (E.A)Ltd trains their management personnel at overseas countries which includes India, U.S.A, Norway, Sweden, U.K., France, Swaziland, Finland, Germany and Canada. The organization also offers training on occupational health and safety management as a special training to their staff and this involves forest operations, industrial and fire safety, first aid, co-operative education and family planning.

Table II

Staff Establishment	Total No.
<i>Top Management</i>	50
<i>Middle level Management</i>	100 to 120
<i>Supervisors</i>	200 to 300
<i>Workers</i>	Over 1000

One of the organization training staff conducted the training team to the factory and the team observed the timber processing upto the final products and the dispatch of products to the markets. The visiting team also visited the logging site area at Turbo accompanied by the Officer-in-Charge of KEFRI Station-Turbo Mr. Amwata. In this area the team was shown practically the harvesting skills/techniques of Pinus Patula (Pine) which is used for the making of the pulp. The harvesting is done on pine of between 20-25 years old. Currently the Forest Department has introduced the shamba system and this has been in operation since last year. The planting spacing at the moment is 2.5 x 2.5m apart. KEFRI will be undertaking an on-farm forestry as from next year, and 2 farmers will be selected in each of the 4 sub-locations that is to be covered. The base-line survey for this work has already been completed.

7. CONCLUSION

The Training study tour was very successful, and we were able to meet the resource persons from the organizations that we visited. The training team actually learnt alot on timber processing upto the final products, training and extension activities on agroforestry and tree planting from the organizations.

Lastly we are very grateful to JICA for sponsoring the Study tour and the organizations for their warm welcome and co-operation for the tours success.

COMPOSITION OF THE TRAINING STAFF

1. Mr. Kenji Kemmochi - Training Expert S.F.T.P
2. Ms. Hiromi Yamauchi - Training Expert S.F.T.P
3. Mr. Sato - Training Expert Muguga
4. Mr. Lucas Rateng' - Assistant Training Officer S.F.T.P
5. Mr. Otieno M.J. - Training Technician S.F.T.P
6. Ms. Rose Mbithi - Typist/Secretary
7. 2 Drivers - S.F.T.P Muguga

ORDER NO.

Date: 16 / Sep. / 1997 1997

Customer: Ms. Yamauchi

Tel:Res. Office.

Of: SFTP

Fax:

1. Hotel / Lodge

Hotel Name: Lake Baringo Lodge

Address:

Tel:

Status: Confirm Amount: 2910kshs x 3 sing.

Fax:

Date IN	Date OUT	# of Night	# of Adult	# of Child	Room #/Type	Meal	Add.Request
06 Oct.	07 Oct.	1	3	0	3 Single	H&B	

Hotel Name: Kabarnet Hotel

Address:

Tel:

Status: Confirm Amount: 1700kshs x 3single

Fax:

Date IN	Date OUT	# of Night	# of Adult	# of Child	Room #/Type	Meal	Add.Request
07 Oct.	08 Oct.	1	3	0	3 Single	H&B	

Hotel Name: Rondo Retreat Center

Address:

Tel:

Status: Confirm Amount: 3100kshs x 3single

Fax:

Date IN	Date OUT	# of Night	# of Adult	# of Child	Room #/Type	Meal	Add.Request
08 Oct.	09 Oct.	1	3	0	3 Single	H&B	

Hotel Name:

Address:

Tel:

Status: Amount:

Fax:

Date IN	Date OUT	# of Night	# of Adult	# of Child	Room #/Type	Meal	Add.Request

Hotel Name:

Address:

Tel:

Status: Amount:

Fax:

Date IN	Date OUT	# of Night	# of Adult	# of Child	Room #/Type	Meal	Add.Request

2. Remarks

山内様
 昨日は、御予約と直前(2. & 1)のキャンセルでした。
 御予約状況及ご滞費に上記の通りお返事を致し、
 御確認下さいませ。お返事は致し。

Thank you for doing business with us.

Please contact to : (Mr / Ms)
 Tel: 211540/211547/219580/211885
 Fax: 223686

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バウヤ - と引取付 支払 10月分

Sasamoto Tours & Safaris Ltd.

ITINERARY OF TRAINING STUDY TOUR

DATE	SCHEDULE	TIME
October 6, 1997 (Monday)	Leave Kitui Centre Leave Nairobi at (Co-operative House) Arrive Egerton University (Nakuru) Leave Egerton University (Nakuru) Arrive Baringo (REST)	7:30 a:m 10:30 a:m 13:00 p:m 15:30 p:m 17:00 p:m
October 7, 1997 (Tuesday)	Leave Baringo Arrive DANIDA Project Arrive Marigat (KEFRI) Arrive Kabarnet (REST)	8:00 a:m 9:00 a:m 14:00 p:m 17:00 p:m
October 8, 1997 (Wednesday)	Leave Kabarnet Arrive Eldoret and Pana African Paper Mill and training centre Leave Eldoret Arrive Kakamega (REST)	8:00 a:m 9:30 a:m 15:00 p:m 17:00 p:m
October 9, 1997 (Thursday)	Leave Kakamega Arrive Nairobi Arrive Kitui	8:00 a:m 12:00 P:m 16:00 p:m

訓練 スタッフ

13/8/97

PROPOSED TOUR FOR KITUI TRAINING STAFF IN OCTOBER, 1997

THE OBJECTIVE OF THE STUDY TOUR

1. To expose the training staff to other organizations undertaking training and extension activities. The officers are expected to learn from the organizations and exchange experiences on the grassroot level training skills to further enhance the staff capability on handling the training component after the end of phase II
2. To serve as a base on which extra training resource materials could be obtained e.g slides, photographs and specimens etc.

見本

PROPOSED DATE

The tour is proposed to take place as from 6th October 1997 upto 10th October 1997, a total of 4 days.

COMPOSITION

KEFRI Training Staff at Kitui	- 3 Persons
JICA Training Experts at Kitui	- 2 Persons
Training Technician at Kitui	- 1 Person
Drivers	- 2 Persons
TOTAL	<u>7 Persons</u>

JUSTIFICATION:

The Training staff will learn about other organizations staff experiences gained over the years with respect to grassroot level personnel involved in tree planting and agroforestry activities. Also explore ways of acquiring knowledge and skills already accumulated by other similar projects or organizations.

INTINERARY

October 6, 1997 - Londiani Forestry College, Kericho District

The project staff to leave Kitui for the tour latest 8.00a.m and arrive in Londian in the afternoon.

- To visit the Principals' Office and be briefed on the training activities and overview of the Forestry College.
- Thereafter travel to Nakuru for a rest

Egerton University 12/8/97. 資料を入手した。

October 7, 1997 - Baringo

- The staff leaves Nakuru at 7.30a.m. for Marigat KEFRI Station. This station took over some trial plots that belonged FAO project and access its sustainability after the project expires.
- The team will thereafter visit Baringo Rehabilitation of Arid Environments Charitable Trust.
- This will serve as a case study of the impacts of a social forestry related project on its target group.

October 8, 1997 - Eldoret

- The team leaves Kabarnet town at 7.30a.m for Eldoret.
- On arrival in Eldoret the team visits the D. F. O. Office for briefing on forestry related activities being undertaken in the district.
- Thereafter the team visits the Raiply Company, EATE, KEFRI, Kaptagat station a joined project with the Panafrica Paper Mills (EA) Ltd Headquarters' and then visit their Training School and lastly visit a tree nursery. Finally the team leaves for Kakamega for a rest.

October 9, 1997 - Kakamega

- The team pays a courtesy call to the D.F.O Office and then visit the KEFRI tree seed collection centre. After visiting this place the team will also tour the remnants of the famous Equatorial Forests. Thereafter travel to Vihiga and visit one women group dealing with the construction of Enzaro Jiko.
- The team after this travel to Maseno - Agroforestry research centre.
- Then finally travel to Kisumu town for a rest.

October 10, 1997 - Kisumu

- The team leaves Kisumu at 8.00 a.m to Nairobi - Kitui.

EXPECTED OUTPUTS

1. Project training staff will acquire knowledge and skills to enhance their work performance.
2. The training resource materials will be acquired for the proposed courses during the proposed phase III.
3. A detailed report of the trip on various project visited will be submitted to the Chief Advisor SFTP and Director KEFRI.

This report will be available to interested parties and copies will be given to Kitui Training Centre Library for reference purposes.

TENTATIVE SCHEDULE FOR ITINERARY

DATE	SCHEDULE	TIME
(月) October 6, 1997 4,800sh 2人 Baringo 泊 (Lake Baringo Lodge)	Leave Kitui Centre Arrive Londiani エカ-トノ大塚 Leave Londiani Arrive Nakuru (REST)	8:00 a.m. Nairobi 10:30 a.m. 1:00 p.m. 3:30 a.m. 4:30 p.m.
(火) October 7, 1997 Kabarnet 泊	Leave Nakuru 15:25 9702:7 Arrive Marigat 見字 Leave Marigat 21:20 支所見字 Arrive Kabarnet (REST)	8:00 a.m. 10:00 a.m. 4:00 p.m. 5:00 p.m.
(水) October 8, 1997 Kakamega 泊	Leave Kabarnet エルクト Arrive Eldoret Pan Africa の 遊歩地 Leave Eldoret 取付工事 Arrive Kakamega 到着	7:30 a.m. 9:30 a.m. 3:00 p.m. 5:00 p.m.
(木) October 9, 1997	Visit Kakamega D.F.O Leave Kakamega Arrive Vihiga Leave Vihiga Arrive Maseno Leave Maseno Arrive Kisumu (REST)	8:30 a.m. 11:00 a.m. 12:00 p.m. 3:00 p.m. 3:45 p.m. 4:30 p.m. 5:00 p.m.
October 10, 1997	Leave Kisumu Arrive Nairobi Leave Nairobi Arrive Kitui	9:00 a.m. 2:00 p.m. 2:30 p.m. 5:00 p.m.

(Cooperative House 前)

ケニア・リフトバレー州 (マカガト、エルトレット地区)・西部州 (カマカ地区) 林業事情調査 (1996. 9. 25-28)
報告書 (DRAFT VER. 3. =SEMI-FINAL)

この調査は、つぎのような目的、調査員、日程で行われた。

1 調査目的

- (1) ホスト・フーズ 2 (PP2) プログラムで要請されている KEFRI マカガト支所の現況及び同地での半乾燥地造林試験の実施の可能性調査
- (2) リフトバレー及び西部州の代表的な森林及び林産業の現況調査 (半乾燥地との対比のため)
- (3) リフトバレー及び西部州における F D の普及活動の代表的な例の調査

2 調査者 SFTP C. A. 三島/キツイ・PFI-ダ - 宮城/キツイ・PFI 担当 両

3 同行案内者 森林局 (FD) 普及部 ハッサ氏 (訓練分野と連携関係にある)

4 日程 全行程官用車使用

9月25日 (水) マカガト県マカガト KEFRI 支所/FDステーション及び周辺地域、モデル農家 (Ms711) 調査、エルトレット着 (20:00) 同地泊

9月26日 (木) エルトレット県 DFO、RAIPLY Co.、EATEC (KENMOSA) 社、普及員事務所、KENJASE YOUTH GROUP、モデル農家 (RONOさんの苗畑) 同地泊

9月27日 (金) PAN AFRICAN PAPER MIL. (製紙工場)、カマカ DFO、WILD LIFE OFFICE、小学校、VILLAGE GROUP、ハッサ氏邸宅 同地泊

9月28日 (土) PAN AFRICAN PAPER MIL. (林業部門：苗畑、伐採現場)

調査経路図参照

Mukolwe 氏に、Teking Root の視察コンクリート、聴く。(2004-9-、11月25日と11月28日)

BUDGET

Payment of fuel to cover the entire costs by two vehicles
(Preferably 4 WD)

1. Estimated kilometres to be covered.

Kitui - Kabarnet = 398km.

Kabarnet - Eldoret = 173km.

Eldoret - Kakamega = 154km.

Kakamega - Kisumu = 135km.

Kisumu - Kitui = 528km.

TOTAL KM 1388Km

Consumption on the average is 7km per litre.

Total fuel = 198 litres

Average cost of petrol per litre = Kshs 30 → 36

Total fuel cost = Kshs 5940

10% contingencies = Kshs 6534

Sub total cost = Kshs 6534

2. Payment of staff allowances as per KEFRI - Night out rates.

Name	Daily allowance (Kshs)
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1. Mr. Nixon Muniafu	900
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2. Miss Josephine Kamene	900
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3. Mr. Lucas Rateng	850
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4. Mr. Otieno Michael	700
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* Miss Rose

5. Two Drivers	1400
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佐藤, 剑持, 山内

Total daily allowance Kshs 4,750

Total allowance for 4 days Kshs 19,000

Total Budgetary requirements:-

Fuel costs = Kshs 6,534

Allowances = Kshs 19,000

TOTAL = Kshs 25,534

3. COST OF JICA EXPERTS - TBA