

WELCOME TO TIVA

Farm Forestry Demonstration (DEMO II)



SOFEM

Social Forestry Extension Model Development Project

Kenya Forestry Research Institute
Japan International Cooperation Agency
Forest Department



DEMO II LAYOUT

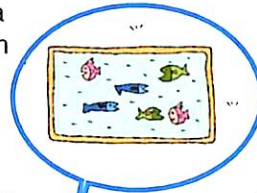
Block3: Home garden

- Indigenous vegetable
- Exotic vegetable



Block4: Fishculture

- Tilapia
- Catfish



Block5: Fruits orchard

- Improved exotic fruits
- Indigenous fruits



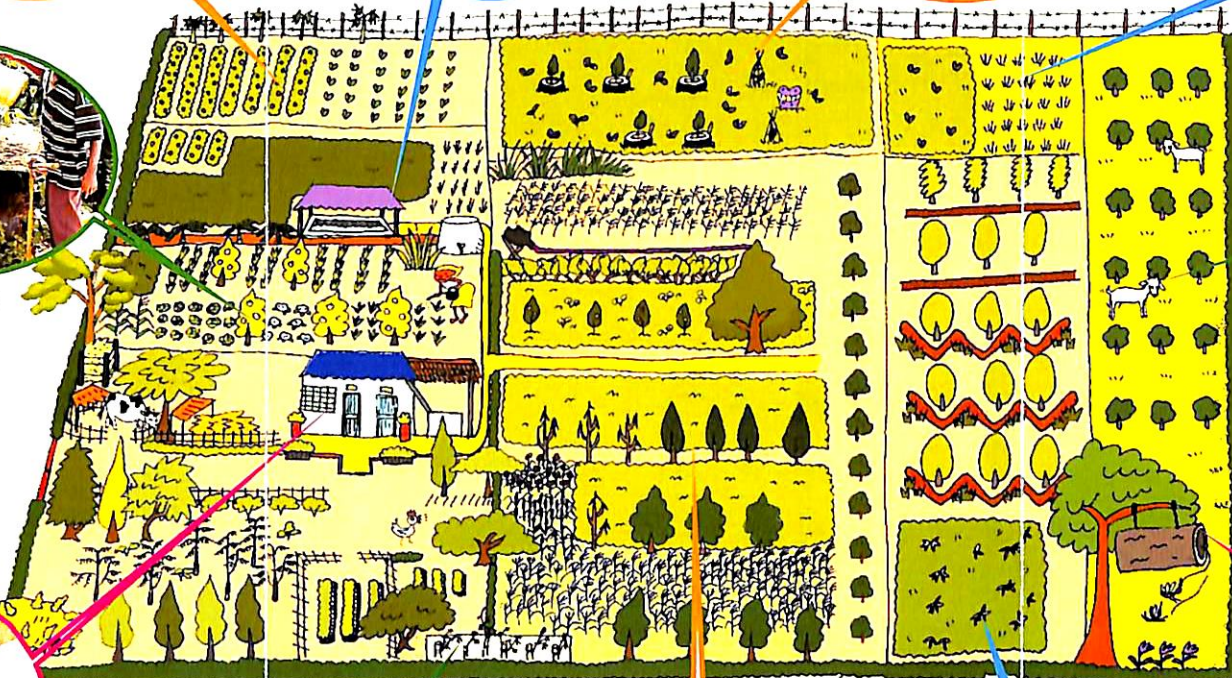
Block6: Fallow management

- Improved fallow herbs, shrubs, and trees
- Crop rotation



Block2: Pilot technologies

- Basket composting
- Earthworm farming
- Liquid manure
- Mulching/Watering
- Pest control
- Improved farming tools
- Termite harvesting
- Bamboo utilization



Block7: Fodder management

- Establishment of exotic and local fodder bank species

Block1: Compound

- House unit (Enzaro jiko, Water purifier, Charcoal cooler, Food preservation, etc.)
- Livestock management
- Small-scale nursery
- Amenity trees and flowers



Block11: Bamboo plantation

- Dryland bamboo introduction



Block10: Agroforestry

- Alley cropping
- Suitable crop variety selection



Block9: Land rehabilitation

- Soil erosion control
- Soil moisture conservation

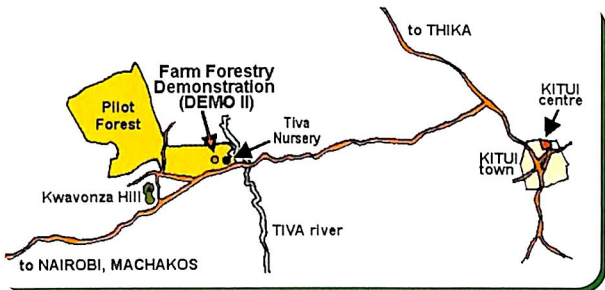


Block8: Apiculture

- Traditional bee hive
- Kenya top bar bee hive
- Other improved bee hives

What is DEMO II OJT programme ?

DEMO II OJT programme is aiming at transferring demonstrated farm forestry technologies to the local communities through their active participation in on-site practices. Target people are invited to DEMO II or to selected farmers' sites. They observe, practice, select and try the relevant technologies on their own farms, thereby evaluating the validity of the demonstrated technologies. In the process, they facilitate the screening and transferring the technologies to others.



KEFRI KITUI CENTRE

P.O.BOX 892, KITUI, KENYA

TEL:+254-141-22807/22471/22626

FAX:+254-141-22807

E-MAIL:miyagi@form-net.com

<http://www.jicakenya.org/SOFEM/Index.htm>

KENYA FORESTRY RESEARCH INSTITUTE

P.O.BOX 20412, NAIROBI, KENYA

TEL:+254-154-32009/32170/32891

FAX:+254-154-32009

E-MAIL:kefri@arcc.or.ke

FOREST DEPARTMENT

P.O.BOX 30513, NAIROBI, KENYA

TEL: +254-2-764288/764195/764723

Background of DEMO II

Farmers in Arid and Semi-arid Lands (ASALs) in Kenya experience low productivity of their land due to harsh climatic conditions. In an effort to tackle this problem, many technologies have been developed by various organizations. However, technology developers are still faced with a challenge in effectively transferring these technologies to farmers and it is likely that most farmers have a limited access to them due to inadequate exposure to information and practical demonstration facilities. To fill this gap, the Social Forestry Extension Model Development Project (SOFEM) has initiated establishment and development of a Farm Forestry Demonstration in Tiva (DEMO II).

Objective

The immediate objective of DEMO II is to promote the use of cost effective, ecologically sound and sustainable farm forestry technologies suitable to household level through local communities participation.

Activities

To achieve its objective, the following activities are being carried out in DEMO II.

- i) Development and demonstration of various farm forestry related technologies as below:
 - small-scale nursery practices
 - multipurpose tree planting and management
 - agroforestry
 - soil improvement
 - fruit orchard
 - household food production
 - efficient water use
 - improved kitchen
 - improved farming tools
 - livestock management
 - bee keeping
- ii) Produce leaflet and pamphlet on the above technologies for wider dissemination of the information to the local communities.
- iii) Conduct on-job-training (OJT) programme for the local communities for transferring technologies.