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Annual Work Plan 2000

Debt-for-Nature Program

Forestry Support Units Project

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List of Acronyms and Abbreviations

AA	Administrative Assistant
ADV	Andravory
ANC	Assistant National Coordinator
ASK	Antsiraka
AWP	Annual Work Plan
CA	Community Association
CEF	<i>Cantonnement des Eaux et Forêts</i>
CIREF	<i>Circonscription des Eaux et Forêts</i>
CO	Central Office
COAT	Central Office Administrative Team
COTT	Central Office Technical Team
CMO	Communications Officer
DGDRF	<i>Direction de Gestion Durable des Ressources Forestieres</i>
DGEF	<i>Du ection Generale des Eaux et Forets</i>
DFN	Debt-for-Nature
DIREF	<i>Direction Inter-Regionale des Eaux et Forêts</i>
EIS	Environmental Impact Study
FA	Forestry Agent
FMG	<i>Francs Malgaches</i>
FR	Forest Reserve
FSU	Forestry Support Unit(s)
FT	Field Team
GELOSE	<i>Gestion Local Securisee</i>
GPS	Geographic Positioning System
LDI	Landscape Development Initiatives
LO	Logistics Officer
M&E	Monitoring and Evaluation
MCOM	Management Committee
MIDP	Micro Integrated Development Project
MP	Management Plan
MPO	Madagascar Programme Office
MWF	Ministry of Waters and Forests
NC	National Coordinator
ND	National Director
NPA	Nature Protection Agent
PA	Program Administrator
PBM	Project Branch Manager
PCV	Peace Corps Volunteer
PFM	Participatory Forest Management
PO	Personnel Officer
PRA	Participatory Rural Appraisal
SIDP	Small Integrated Development Project
SM	Storeroom Manager
SOW	Scope of Work
SRI	<i>Systeme de Riziculture Intensif</i>
TA	Technical Advisor
TEF	<i>Triage des Eaux et Forêts</i>
TGK	Tsitongambarika
TLG	Tolongona
TO	Training Officer
VF	Village Forest
VT	Village Territory

1 Project Purposes

The general goal of the Forestry Support Units (FSU) project is improved management of the Malagasy humid forest. The long-term goals specified in the Logical Framework are the Malagasy Forest Service will be capable of supporting villagers in the *Gestion Locale Securisee* (GELOSE) process and in forest management, and the villagers will be able to independently and sustainably manage the forests for which they are given responsibility, thus re-establishing an equilibrium between man and his environment. Similarly, the four Project objectives are (1) to reinforce the intervention capacity of the Malagasy Forest Service at the field level, (2) to implement the process of Participatory Forest Management (PFM), (3) to promote behavioural change so that villagers are more protective and conservation-oriented regarding forest resources, and (4) to improve the standard of living of the villagers through improved management of the Forest Reserves (FRs) and the zones surrounding them.

It will take time to achieve the general and long-term goals. However, incremental progress towards these goals will be made during 2000. More specifically, activities during this period will address the five project objectives. Thus, significant progress towards achieving these five objectives is foreseen.

Andravory FR

2 Current Activities

Activities Linked Directly to the Logical Framework

2.1 Objective

Reinforce the intervention capacity of the Malagasy Forest Service at the field level.

2.1.1 Expected Result

Forestry Agents (FAs), FSU Agents and Nature Protection Agents (NPAs) are trained in forestry techniques and in Participatory Forest Management (PFM).

2.1.1.1 Activity 1 Training

(n.b. this activity also contributes to the fulfilment of ER2¹)

2.1.1.1.1 Activity 1.1 Field Agent Training

Introduction/Justification

This activity constitutes a prerequisite for attaining the four project objectives. Training planned for 2000 will improve the technical capacity of the project's field agents. Thus, they will be able to fulfill their function of providing technical support to villagers. As Malagasy Forest Service Agents will participate in these trainings, this activity also represents institutional support to the

¹The Project's 4 Objectives and 15 Expected Results are referred to as O1, O2, ER1, ER2, etc., throughout the document.

Ministry of Waters and Forests (MWF) Two themes, common to all four field sites, will be dispensed in 2000 communication and extension techniques at the village level, and small project design and implementation

Steps/Tasks	Targets*	Person(s) Responsible	Period
Training in project design and implementation	Field Team (FT ²)	Central Office (CO) Staff	FEB ³ , MAR
Training in communication and extension techniques	FT	CO Staff	JUN

*Throughout the document, targets can have two senses or meanings outputs or beneficiaries of an action

2 1 1 1 2 Activity 1 2 Inter-Village Visits

Introduction/Justification

Inter-village visits and study trips constitute a proven technique that has been used in many development projects They provide the occasion for visitors (agents or villagers) to see tangible examples of techniques or initiatives that are planned for their projects or villages, likewise, these visits are a chance to ask questions and exchange viewpoints with people that have substantial experience in the various techniques/initiatives For 2000, the visits will focus on village forest (VF) management and development initiatives in agricultural zones

Steps/Tasks	Targets	Person(s) Responsible	Period
Organise visits identify and exhort participating management committees (MCOMs)	12 MCOMs (6 visitors et 6 hosts)	FT	MAY to AUG
Conduct visits	12 MCOMs (6 visitors and 6 hosts)	FT	SEP, OCT

2 2 Objective

To implement the process of Participatory Forest Management (PFM)

2 2 1 Expected Result

²The Field Team consists of the FSU Agents, the NPAs and the local MWF agent (*Chef de Cantonnement des Eaux et Forêts* or *Chef de Triage des Eaux et Forêts*)

³Month abbreviations used throughout the document are as follows JAN=January, FEB=February, MAR=March, etc

The status and the evolution of the forestry potential of the project sites are known

2 2 1 1 Activity 2 Preliminary Work on the Management Plan for the FR

Introduction/Justification

In order to satisfy one of the MWF's expectations for the project, which is formulating management plans (MPs) for the entire FRs where the project works, it is necessary to become familiar with and to re-establish the boundaries of these forests according to the original, official texts. This activity will also enable the FT to inform villagers of the true FR limits. Subsequently, village territory limits that overlap with the FR boundaries and limits of zones within these territories must be identified and eventually transposed to the FR base maps. This activity also provides the opportunity for raising awareness among villagers concerning many aspects of participatory forest management (PFM). For 2000, using the Geographic Positioning System (GPS) instrument, the FT will finish taking coordinates and marking the points along the boundary described in the original FR decree. Similarly, coordinates along the limits of several VTs that overlap with the FR boundaries will be recorded. Approximate VT limits that overlap with the FR will also be recorded on the FTs' working map of the FR once they are surveyed.

Steps/Tasks	Targets	Person(s) Responsible	Period
Conceive, produce, test extension support materials	24 villages	FT, Peace Corps Volunteer (PCV)	MAR to MAY
Explanations regarding the value and importance of the FR	"	FT, PCV	JUN to AUG
Prepare for FR limit survey information and agreements	5 villages in sectors* V et VI (AMB**, ANT, AND, MHZ, ABD)	FT, PCV	JUN to AUG
Survey, take coordinates of points along FR limits	Points A-E (western sectors)	FT, PCV	JUN to AUG
Present limits to villagers	5 villages	NPAs, FSU Agents	JUN to AUG
Send GPS data to CO	Central Office Technical Team (COTT)	FSU Agents, <i>Cantonnement des Eaux et Forêts (CEF)</i>	SEP

(continued)

Steps/Tasks	Targets	Person(s) Responsible	Period
Prepare for marking FR limits meetings, planning, obtain/harvest seeds, designate persons responsible	FR limits (crossing 24 village territories [VTs])	FT, MCOMs/Community Associations (CAs)	SEP, OCT

*Each site is divided into 4 to 6 NPA sectors

**Village abbreviations used for Andravory include ABD=Ambodimandresy, ABL=Ambalasarana, ABN=Ambaniriana ABR=Ambararatabe, ADB=Andomboka, ADV=Andravory AMB=Amboriana, AND=Andrafaikona ANT=Antsirabe, APS=Ampisarahana ATK=Antakotako BMJ=Beramanja FTS=Fotsialalana MHZ=Mahazava, and MRB=Marobeboka

2 2 1 2 Activity 3 Participatory Forest Management (PFM)

(n b this activity also contributes to the fulfilment of ER5, 6, 7, and 8)

2 2 1 2 1 Activity 3 1 Village Forests (VFs), Agroforestry and Reforestation

Introduction/Justification

This activity is the heart of the FSU/NPA project. It will make a significant contribution to the general project objective: improved management of the Malagasy humid forest. Specifically, this activity is necessary to advance the strategy of transferring the management responsibility of the forests to villagers. Eventually, after the villagers begin to gain economic benefits from the VFs, this activity will contribute to decreasing the pressure on the natural forest (e.g., clearing for agriculture).

In the long- or medium-term, agroforestry aims at increasing or stabilizing agricultural production. In theory, this increase or stability will decrease the need to clear the forest for new agricultural fields. With regard to reforestation, in order to reduce pressure on the natural forest, individual or collective tree plantations outside of the FR are encouraged. Enrichment trials in selected degraded areas of the FR and in harvested VFs will also be initiated. These trials will contribute to the conservation of the FR and to increasing knowledge about the natural forest (which is generally lacking in Madagascar). This activity is also closely associated with the village territory zoning initiatives as it will target forest production and rehabilitation zones.

Steps/Tasks	Targets	Person(s) Responsible	Period
<i>VF Management</i>			
Prepare for awareness raising/extension	4 VFs FTS, ABL (eastern sector), ADB, ABD (western sector)	FT, PCV	JUL to NOV (eastern sector), AUG to DEC (western sector)

Steps/Tasks	Targets	Person(s) Responsible	Period
Awareness raising/extension	"	"	"
Technical support for village interest groups	"	"	"
Identify VF	"	"	"
Inventory preparation	"	"	"
Demarcate and inventory VF	"	"	"
Present inventory results to CA	"	"	"
Send inventory report	CO staff	"	"
Produce draft MPs	4 draft MPs	COTT	SEP to DEC
Discuss draft MPs and choose management alternative	CAs	FT	OCT to DEC
Send discussion results for finalization of MPs	4 MPs	"	"
Finalize MPs	2 MPs	COTT	NOV to DEC
Present, explain MPs	2 MPs	COTT	JAN, FEB 01
Written requests for management transfer	4 requests	CAs	NOV to MAR 01
Formulate management contracts	4 contracts	FT, MCOMs	DEC to MAR 01
Sign contracts	4 contracts	Commune Mayors, MCOMs, MWF	MAR, APR 01
<i>Woodcutter training</i>			
Support, exhort MCOMs for harvest preparations	2 villages	FT	JAN to MAR
Conduct training	2 villages where VF was inventoried in 1999	FT, Trainers	MAY
<i>Agroforestry</i>			
Support for existing farms live fences, other improved practices	1 plot/farm per village	FT	JAN to DEC
<i>Reforestation</i>			

Steps/Tasks	Targets	Person(s) Responsible	Period
Requests by interested farmers	10 villages in sectors I, IV, and V	FT, MCOMs	JAN
Verify location of areas to be reforested with MCOMs and CAs	"	FT	JAN
Determine species to plant	"	FT	JAN, FEB
Support for seed collection	"	FT	OCT, NOV 99
Seed order request	"	FT	OCT, NOV 99
Reforestation preparatory work support for transplanting wildlings (rehabilitation and reforestation zones), nursery production, soil preparation and outplanting	"	NPAs from sectors I, IV and V	OCT, NOV

2 2 1 2 2 Activity 3 2 Phenological Observations

Introduction/Justification

Coupled with VF inventories, this activity will help to fill the general lack of knowledge with regard to Malagasy natural forests and native species. It will provide critical information on the biology of selected, valuable species, especially with regard to when seeds can be collected. Subsequently, this knowledge will contribute to the sustainable management of forest resources within VTs, specifically the enrichment of forest production zones and the re-establishment of degraded areas or rehabilitation zones.

Steps/Tasks	Targets	Person(s) Responsible	Period
Choose species to observe	6 sectors 5 species, 5 trees/species/sector	FT	JAN
Plan task sharing with MCOMs	6 villages with demarcated VFs	NPAs	FEB
Follow calendar for observations	"	FT, MCOMs	JAN to DEC
Send phenology report	"	FT	DEC

2 2 2 Expected Result

Villagers are able to work together for the management of Village Forests (VFs)

2 2 2 1 Activity 4 Support for Village Associations and Groups

(n.b. this activity also contributes to the fulfilment of ER 6)

Introduction/Justification

This activity is necessary in order to promote community spirit, this spirit will be indispensable for the work associated with the PFM approach. This activity is also crucial for promoting auto-development or self-help attitudes and should help to increase the standard of living of the association and interest group members. In order to move forward in the *GELOSE* process, official recognition of the community associations (CAs) is necessary. Additionally, according to the new project policy regarding micro integrated development projects (MIDPs), the beneficiaries (e.g., interest groups) must be members of a CA. It is possible that the activities of some interest groups will not have an immediate, direct link to the general project goal (improved management of Malagasy humid forests). However, project personnel plan on helping them develop activities linked to the rational and sustainable use of natural resources in the future. In 2000, a special accent will be placed on supporting the elected management committees (MCOMs) within each CA.

Steps/Tasks	Targets	Person(s) Responsible	Period
<i>Official recognition of CAs</i>			
Prepare extension tools/support materials	6 villages ABN, ABL, ABR, FTS, ANT, ABD	FT, PCV	FEB to MAY
Village awareness raising meetings	"	"	"
Establish MCOM/CA by-laws and <i>dina</i> *	"	"	"
Support for formal recognition request	"	"	MAY, JUN
Depose dossiers at Mayor's office	"	FT, MCOMs	"
<i>Collaboration with partners</i>			
Identify potential partners (activity areas, potential services, etc.)	NGOs, other institutions, organisations	Project Branch Manager (PBM), PCV, CEF	FEB, MAR
Inform FT regarding potential partners	FT	PBM, PCV, CEF	"
Census of existing village interest groups	6 sectors	FT, PCV, FSU Agents	JAN
Study collaboration possibilities	NGOs, other institutions, organisations	FT, PCV, PBM	MAR
Facilitate contact between partners and village interest groups	NGOs, other institutions, organisations, groups	FT, PCV, PBM	MAR

(continued)

Steps/Tasks	Targets	Person(s) Responsible	Period
Socio-organisational support for interest groups methods for group management, empowerment of members	interest groups in 6 sectors	FT, PCV	MAR
Technical support training and support regarding small project design and implementation	1 group/sector	FT	APR to Sep

*Traditional Malagasy agreement

2 3 Objective

To promote behavioural change so that villagers are more protective and conservation-oriented regarding forest resources

2 3 1 Expected Result

The area of cleared forest (especially for agriculture) decreases

2 3 1 1 Activity 5 Village Territory (VT) Management

(n b this activity also contributes to the fulfilment of O2 and ER4, 11, and 13)

2 3 1 1 1 Participatory Rural Appraisals (PRA) and VT Zoning

Introduction/Justification

PRA's are essential for almost any development project so that field agents acquire a knowledge and an understanding of the milieu in which they work. They also constitute a first step in diagnosing problems in each village where they are conducted. Finally, they begin the participatory process that is the keystone of the FSU/NPA project. In 2000, the FT will finish the exploratory PRA's in the villages around the FR, the reports will be written according to the revised PRA report outline.

Village territory zoning is necessary for sustainable management of natural resources (including forest resources) within a given territory. For territories that touch or overlap with FR boundaries, this activity is also a prerequisite for the management plans for the FRs in their entirety. Zoning is also required by the *Gestion Locale Securisee (GELOSE)* process, especially the tenure security step. In 2000, the FT plans on completing zoning in six VTs.

In the Project zone, wildfires destroy or degrade a significant area of natural forest annually. Most of the fires come from brush burning operations in newly cleared fields that are not monitored or controlled. In 2000, this activity will focus on demonstrating techniques for controlling these fires.

Steps/Tasks	Targets	Person(s) Responsible	Period
<i>PRA's</i>			
Exploratory PRA's reports following revised outline	24 villages around FR	FT	NOV, DEC 99, JAN

Steps/Tasks	Targets	Person(s) Responsible	Period
Thematic PRAs on small integrated development Projects (SIDPs)	Road rehabilitation or environmental SIDP at ABL	FT, PCV, PBM	APR to JUN
<i>VT Zoning</i>			
Awareness raising	1 village/sector	FT, PCV	NOV, DEC 99
Meetings with MCOMs/CAs	“	FT, PCV	“
Conduct VT zoning	“	FT, PCV, MCOMs	JUN to DEC
Facilitate establishment of VT <i>dina</i>	“	FT, PCV	“
<i>Wildfire Management</i>			
Extension/awareness raising preparations	CAs	FT	NOV, DEC
Extension/awareness raising	CAs	FT	“
MCOM training on rational use of fire for pasture for clearing brush, optimal periods, etc	CAs	FT	“
Communicate legislation regarding fire breaks	CAs	FT	“
Controlled burning demonstrations	MCOMs 01 demo /village in sectors I, II, III, and IV	FT, CEF	“

2 4 Objective

To improve the standard of living of the villagers through improved management of the Forest Reserves (FRs) and the zones surrounding them

2 4 1 Expected Result

Local people gain increased benefits from the forests and the zones that surround them

2 4 1 1 Activity 6 Development Initiatives in Agricultural Zones

(n b this activity also contributes to the fulfilment of O3 and ER12 and 15)

2 4 1 1 1 Small Integrated Development Projects (SIDPs) and Micro Integrated Development Projects (MIDPs)

Introduction/Justification

Currently, villagers around the project sites have other development priorities besides natural forest management. In order to satisfy some of these needs as well as to furnish an entry point into the local communities, the Project proposes to finance selected Small Integrated Development Projects (SIDPs) or Micro Integrated Development Projects (MIDPs). In theory, these initiatives will contribute to reducing pressure on the forests (especially if the projects help intensify the agricultural system) and will improve the villagers' standard of living. SIDPs are considered to be small initiatives that have a budget of between 1,000,000 and 15,000,000 *Francs Malgaches (FMG)* and often consist of construction of schools or small dams.

MIDPs are considered to be smaller initiatives that have a budget of less than 1,000,000 *FMG* and often consist of providing seeds and/or tools for various agricultural activities. An MIDP dossier should include the following elements: a written request by the interest group or pilot farmer (approved by the corresponding CA), a sustainability plan, a work plan or timetable, and a budget. The cost of materials furnished by an MIDP must be reimbursed into the CA treasury in two years. Besides the two small dams that should be approved before the end of 1999, two potential SIDPs have been identified for 2000: 1) rehabilitation of the road between Andomboka and Amborilala (negotiations will be conducted so that the FID project takes on the costs of culverts, etc., while the villagers will work on the portions between the culverts), or 2) a project for the village of Ambalatrana linked to the environment.

Steps/Tasks	Targets	Person(s) Responsible	Period
<i>SIDP (Road Rehabilitation between Andomboka and Amborilala)</i>			
Community awareness raising meetings	AMB, MRB, ABN	FT, MCOMs	OCT, NOV 99
Negotiations regarding partnership with managers of FID project at Antananarivo	Road	National Director (ND)	OCT, NOV 99
Revise written request for FID	Road	PBM, FT, MCOMs	NOV, DEC 99
Identify locations requiring FID's intervention	Culverts and aprons	FID, MCOMs	JAN
Submit dossier to FID	"	PBM, FID, MCOM	JAN
Implement project	Road	FID, MCOMs, CAs	JAN to DEC
Formal recognition of project's end	Road	CAs, <i>Circonscription des Eaux et Forêts (CIREF)</i> ,	DEC

Steps/Tasks	Targets	Person(s) Responsible	Period
		FT	
<i>SIDP at Ambalasarana linked to environment</i>			
Thematic PRA	CA	FT	MAY
Support for written request and dossier formulation	MCOM	FT, PBM	MAY to SEP
Implement project	1 SIDP	Villagers, contractors	SEP, NOV
Monitor project progress	"	CA, MCOM, PBM	NOV, DEC
Official recognition of project's end	"	CA, FT, CIREF	DEC
<i>MIDP (vegetable gardens)</i>			
Community awareness raising meetings	Women's groups in ABL, BMJ	FT, PCV, groups	JAN
Support for formulation of written requests and dossiers	"	FT, PCV	FEB, MAR
Send dossiers	2 dossiers	FT	MAR
<i>MIDP (systeme de riziculture intensif [SRI])</i>			
Community awareness raising meetings	APS, ABL, ADV, BMJ, AMB, ATK	FT, CAs	NOV, DEC 99
Identify pilot groups/farmers	pilot farmers, interest groups from above villages	CAs	"
Support for written request	"	FT	"
Produce dossiers	"	FT, CAs, pilot farmers/groups	NOV, DEC 99
Send dossiers	"	FT	NOV, DEC 99, JAN
Conduct work	"	pilot farmers	JAN to MAR
Monitoring	"	FT, groups	"

Support Activities

2 5 Activity 7 Monitoring Activities

2 5 1 Activity 7 1 Meetings, Reports and Planning

Introduction/Justification

Organization, planning and periodic review are crucial actions for the logical execution of the project. Reports are required so that MWF authorities and CO staff as well as WWF-International and the donor are informed of project progress. Generally, the AWP will improve organization of project-related work. The FTs are required to write up minutes of their monthly meetings so that a record exists of points discussed and decisions made.

Steps/Tasks	Targets	Person(s) Responsible	Period
Monthly meetings	FT	PBM, CEF, FSU Agents, NPAs, PCV	End of each month (from 30 th to 2 nd)
Write up, send meeting minutes	CO Staff, FT	PBM, CEF, FSU Agents, NPAs, PCV	"
Quarterly meetings	FT	CIREF, FSU Agents, NPAs, PBM, CEF	FEB, MAY, AUG, NOV
Produce reports	FSU Agents, MWF, CO Staff	FSU Agents, NPAs, PCV	NPAs (monthly), PBM, CEF, FSU Agents, PCV MAR, JUN, SEP, DEC
Quarterly planning and budgets	Plan and budget	FT, CIREF, PBM,	JAN, APR, JUL, OCT
Formulate 2001 Annual Work Plan (AWP)	1 AWP	Direction Inter-Regionale des Eaux et Forêts (DIREF), CIREF, PBM, CEF, CO Staff, FSU Agents, NPAs, PCV	SEP
Present 2000 AWP	6 sectors, Communes	FSU Agents, NPAs, PCV	JAN

2 5 2 Activity 7 2 Monitoring and Evaluation Data

Introduction/Justification

A monitoring and evaluation (M&E) system is necessary in order to follow a project's development. The monitoring will also enable the project's agents and the CO staff to keep abreast of field results. Eventually, the system will demonstrate the project's impact (or lack thereof). If the collected data exposes an unsatisfactory result, corrective measures will be taken.

Steps/Tasks	Targets	Person(s) Responsible	Period
Gather data along transects	12 transects	NPAs	NOV
Gather indicator data	6 sectors	FT	JAN to DEC

Steps/Tasks	Targets	Person(s) Responsible	Period
Send reports	Site, CO Staff	FT	JUL, JAN 01

Antsiraka FR

2 Current Activities

Activities Directly Linked to Logical Framework

2 1 Objective

To reinforce the intervention capacity of the Malagasy Forest Service at the field level

2 1 1 Expected Result

FAs, FSU Agents and NPAs are able to provide technical support to villagers

2 1 1 1 Activity 1 Training

2 1 1 1 1 Field Agent Training

Introduction/Justification

Based on the recommendations of the 2-year internal evaluation, two training themes will be dispensed in 2000

- small project design and implementation, and
- review of communication/extension techniques

Additionally, general techniques for treating forest inventory data will be presented by the COTT during their regular field visits. For documentation purposes, the Project office at Antsiraka will be furnished with a Malagasy book/pamphlet describing general principles of house construction. See Andravory Activity 1 1 for other introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Produce training materials	2 sets of materials	CO Staff	FEB to MAY
Conduct trainings	2 trainings	CO Staff	FEB (proj design), JUL (comm /ext)

2 1 1 1 2 Inter-Village Visits

(n b this activity also contributes to the fulfilment of O3 and 4 and ER11 and 14)

Introduction/Justification

Demonstrations to be visited in 2000 include

- ▶ **improved agricultural techniques, e g , SRI** villagers within the same VT will be encouraged to visit the demonstration plots of pilot farmers,

- ▶ **PFM implementation** Tanambao (for selective harvesting) and Manjato (for conservation) are interesting examples to visit for villages that are going to engage in the PFM process,
- ▶ **green space around Project office** there will not be a formally organized visit, but villagers will be encouraged to examine demonstration plots around the office when they pass through Andrangazaha

Please refer to Andravory activity 1 2 for further introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Establish green space	Project office, Andrangazaha	FT	starting from OCT 99
Establish ideas for signs (message content)	2 signs regarding the FR limits and statute (at the FR entry and at the office), 1 general extension sign	CIREF, PBM CEF, FSU Agents PCV, NPAs	OCT 99
Produce signs	3 signs	CIREF, PBM	NOV 99
Install signs	3 signs	FSU Agents, NPAs	DEC 99
Acquire bee hives	5 colonized hives, 1 empty hive as model	CIREF, PBM	JAN
Improvement of passage to office (drain canal and construct footbridge)	1 canal drainage 1 footbridge	FT	starting from OCT 99
Organise visits	SRI AMB ⁴ , MJT, AZH (intra-village visits), PFM implementation AMB, AMP	FSU Agents, NPAs, MCOMs	MAY (PFM), MAR, APR (SRI)
Conduct visits	“	”	“

2 2 Objective

To implement the process of Participatory Forest Management (PFM)

2 2 1 Expected Result

The status and evolution of the forestry potential of the project sites are known

2 2 1 1 Activity 2 Village Territory Management

2 2 1 1 1 Complementary Participatory Rural Appraisal (PRA) Data

⁴Village abbreviations used throughout the text for the Antsiraka FR include ABH (Ambohitsara), AMB (Ambodimanga), AMP (Ampasimazava), ANL (Antanetilava), ASK (Antsiraka), AZH (Andrangazaha), FDR (Fandarazana), MJT (Manjato), and TNB (Tanambao)

Introduction/Justification

PRA surveys have been completed for all the villages around the FR. The information furnished in these reports is, however, insufficient. In 2000, these reports will be supplemented by more detailed information on the relationship between the villagers and the forest. Information collection will be combined with other field-level tasks. See Andravory Activity 5 for other introduction/justification details.

Steps/Tasks	Targets	Person(s) Responsible	Period
Produce and send revised PRA report outline	1 outline	CO Staff	APR
Collect complementary data	9 villages	FSU Agents, NPAs	MAY, JUN
Produce and send report	"	"	MAY-JUN

2 2 1 1 2 Village Territory Zoning

(n.b. this activity also contributes to the fulfilment of ER6)

Introduction/Justification

This activity is a prerequisite step for the establishment of a *GÉLOSE* contract for villages that do not possess potential production VFs (Antsiraka, Antanetilava et Andrangazaha). In 2000, six VTs are targeted. See Andravory Activity 5 for additional introduction/justification details.

Steps/Tasks	Targets	Person(s) Responsible	Period
Survey VT limits	6 VTs (AZH, ASK, TNB, AMG, MJT, and ANL)	NPAs	JAN (AZH), FEB (MJT), MAY (TNB)
Awareness raising with regard to VT zoning	<i>Tangalamena</i> ⁵ , MCOMs, village representatives	NPAs	FEB (AZH), MAY, JUN (TNB), MAR (MJT)
Hikes to identify different zones	6 VTs	NPAs, <i>Tangalamena</i> , MCOMs, village reps	FEB (AZH), JUN (TNB), APR (MJT)
Produce drawings of VT zones	6 drawings	CEF, FSU Agents, NPAs, PBM, Topographer	"
Register zone limits with GPS	"	FT	MAR (AZH),

⁵Traditional village chief

Steps/Tasks	Targets	Person(s) Responsible	Period
			SEP (TNB), OCT (MJT)
Send GPS data to CO Staff	"	FSU Agents	APR (AZH), OCT (TNB), NOV (MJT)
Produce draft MP for the entire FR	1 draft plan*	FT and CO Staff	DEC
<i>Villages without production VFs</i>			
Awareness raising concerning the <i>GELOSE</i> procedure	MCOMs (AZH, ASK, ANL)	FSU Agents, NPAs	MAY
Written transfer request	"	CAs	JUN
Write up management contracts	"	CEF, FSU Agents, NPAs, CAs	JUL, AUG
Sign management contracts	"	MWF, Commune, CAs	SEP

*The plan will be based on 6 of 9 village territory zoning plans, the remaining 3 will be completed in 2001 at which time it will be possible to finalize the plan for the entire FR

2 2 1 1 3 Village Territory Land Use Agreements

(n b this activity also contributes to O4 and ER11, 12 and 13)

Introduction/Justification

This activity aims at sustainable VT management through the establishment of management rules accepted by all members of the community. The objective in 2000 is to finalize the VT *dina* in the 6 zoned VTs

Steps/Tasks	Targets	Person(s) Responsible	Period
Gather information on water use rights from Fish Service	FT	CIREF, PBM	OCT 99
Gather information from <i>Office National de l'Environnement</i> on the <i>GELOSE</i> process for water resources	FT	CO Staff	OCT, NOV 99

(continued)

Steps/Tasks	Targets	Person(s) Responsible	Period
Awareness raising on VT <i>dina</i>	6 VTs, <i>Tangalamena</i> , MCOMs, village reps	FSU Agents, NPAs	FEB (AZH), APR (MJT), JUN (TNB)
Formulate <i>dina</i>	6 <i>dina</i>	CEF, FSU Agents, NPAs, MCOMs	MAR (AZH), MAY (MJT), JUL (TNB)
Approve <i>dina</i>	"	CAs	MAY (AZH), JUN (MJT), AUG (TNB)
Official recognition (signature) by <i>Commune</i>	"	<i>Commune</i> Mayor	MAY (AZH), JUN (MJT), AUG (TNB)
Apply and monitor <i>dina</i>	"	CEF, FSU Agents, NPAs, MCOMs	JUN (AZH), JUL (MJT), SEP (TNB)

2 3 Objective

To promote behavioural change so that villagers are more protective and conservation-oriented regarding forest resources

2 3 1 Expected Result

The villagers are convinced of the importance of maintaining forest cover

2 3 1 1 Activity 3 Participatory Forest Management

2 3 1 1 1 Reforestation

Introduction/Justification

In 2000, reforestation will take two forms 1) the rehabilitation of specific VT zones identified during the zoning process using native species (*Velonavohitra* and *Hintsina*), and 2) reforestation outside of the FR with exotic and ornamental species on private land, and planting *Raphia* palms in swampy areas See Andravory Activity 3 1 for additional introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Awareness raising on forest rehabilitation	AZH (groups), MJT, TNB, AMG (CAs)	FSU Agents, NPAs	NOV 99 (AZH and TNB), JAN (MJT)
Identify rehabilitation zones	4 villages	FSU Agents, NPAs	DEC 99 (AZH, MJT, TNB)
Produce/plant <i>Hintsina</i> (1) and <i>Velonavohitra</i> (2)	MJT 500 plants (1), AZH, TNB and AMG 1000 plants (2)	NPAs, Villagers	(see periods in steps below)

(continued)

Steps/Tasks	Targets	Person(s) Responsible	Period
Collect seeds	"	NPAs, Villagers, PCV, School children	MAR (AZH, TNB, AMB), APR (MJT)
Direct seeding	"	"	"
Awareness raising on reforestation plots	Village interest groups (AZH, MJT), CA (MJT)	FSU Agents, NPAs	JAN, FEB
Transplant wildlings	500 raphia seedlings (AZH, MJT)	Villagers	FEB, MAR (AZH, MJT)
Install nurseries	AZH, MJT	NPAs, villager groups	OCT to DEC 99
Sow seeds and monitor	MJT nursery (500 Jacaranda, 100 Acacia, 1000 Eucalyptus and 100 Pine)	CEF, FSU Agents, NPAs, Villagers	FEB, MAR (AZH and MJT)

2 3 1 1 2 Agroforestry

(n b this activity also contributes to the fulfilment of O4 and ER14 and 15)

Introduction/Justification

The strategy for this activity is to progressively introduce agroforestry techniques, such as live fences with leguminous species around agricultural fields and the diversification of home gardens, into common village practices. The first technique constitutes a step towards soil fertility improvement and will help sedentarise the agricultural system. Once the biomass is available, villagers can be encouraged to use it as green manure or mulch to fertilize the soil. The diversification of tree crops or fruit trees around homes can contribute to the nutritional improvement of villagers' diets.

Steps/Tasks	Targets	Person(s) Responsible	Period
Monitor 1999 demonstration plots	AZH (Mamahely) and MJT (Romain)	FSU Agents, NPAs	JAN
Awareness raising on live fences (AZH) and home gardens (MJT and TNB)	village interest groups (AZH, MJT and TNB)	FSU Agents, NPAs	MAY, JUN
Furnish seeds	<i>Cajanus cajan</i> , <i>Tephrosia</i> sp (500 g of each) <i>Gliricidia</i> (Vohibato), Papangay, Chouchoute, Paza	CO Staff, PBM, NPAs	MAR
Identify/choose pilot farmers	2/village	FSU Agents, NPAs	MAY, JUN

(continued)

Steps/Tasks	Targets	Person(s) Responsible	Period
Sow seeds, plant cuttings, etc	6 plots	NPAs, Villagers	JUL, AUG
Monitor demonstration plots	6 plots	CEF, FSU Agents, NPAs, Villagers	DEC

2 3 1 1 3 GELOSE Process

(n b this activity also contributes to O2 and ER5)

Introduction/Justification

This activity constitutes empowerment of local communities for the management of forest resources in their VTs. In 2000, the *GELOSE* process will be pursued in villages with demarcated VFs, culminating in the signing of management contracts, which will also contribute to establishing the MP for the entire FR.

Steps/Tasks	Targets	Person(s) Responsible	Period
Official recognition of CAs	ANL, AMP, ABH, ASK and FDR	FSU Agents, NPAs	MAR
Awareness raising on the management transfer and <i>GELOSE</i> process	CAs (MJT, ABH, AMP)	FSU Agents, NPAs	APR
Formulate draft MP, finalize MP	ABH, AMP	CO Staff, FT	FEB to MAY
Written request for management transfer	"	CAs	JUN
Verify CA resources	MJT, ABH, AMP	Commune	JUN
Produce management contract	MJT, AMP	CIREF, FT	JUL
Sign contract	"	MWF, Commune, CAs	AUG

2 3 1 1 4 Forest Reserve and Village Forest Monitoring

(n b this activity also contributes to O2 and ER8 and 11)

Introduction/Justification

This activity aims at conducting rational harvesting in VFs according to the clauses in the management contracts. For 2000, 4 VFs are targeted: Tanambao, Ambodimanga, Ambohitsara* and Ampasimazava* (*if selective harvesting is the alternative chosen by the CAs).

Steps/Tasks	Targets	Person(s) Responsible	Period
Training on maintaining harvest plot records	Woodcutter groups (TNB, ABH, AMB, AMP)	CEF, FSU Agents	JAN
Apply and monitor contracts	"	FSU Agents, NPAs, MCOMs, Woodcutters	JAN and DEC
Formulate, send dossier (including sustainability plan) for woodcutting materials	TNB, AMB	MCOMs, Woodcutters	JAN
Buy and send woodcutting materials	TNB, AMB	CO Staff	JAN
Phenological observations	3 sectors (10 spp /sect)	FT, villagers	JAN to DEC
Produce, send tree phenology report	1 report	FT	DEC
Monitor FR	3 NPA sectors	CEF, FSU Agents, NPAs	JAN to DEC

2 3 1 1 5 Secondary Forest Product Study

(n b this activity also contributes to O4 and ER14)

Introduction/Justification

The Project is continually searching for tangible economic benefits that villagers can obtain from the forest (without clearing it) To date, timber is the only identified product that can provide significant economic benefits However, the Project desires to identify, through in-depth studies, other products that can provide similar economic benefits

Steps/Tasks	Targets	Person(s) Responsible	Period
Identify potential secondary forest products	5 products/sector	NPAs	JAN
Prioritize product list and send to CO Staff	1 product	FSU Agents	FEB
Recruit student	1 student	CO Staff	MAR
Conduct study	1 product	Student	JUL to DEC

2 4 Objective

To improve the standard of living of the villagers through improved management of the FRs and the zones surrounding them

2 4 1 Expected Result

Local people gain increased benefits from the forests and the zones that surround them

2 4 1 1 Activity 4 Development Initiatives in Agricultural Zones

Introduction/Justification

No new SIDPs or MIDPs will be identified in 2000. Instead, the FT and PBM will focus on implementing the projects identified in 1998 and 1999. See Andravory Activity 6 for other introduction/justification details.

Projects planned for 2000

Steps/Tasks	Targets	Person(s) Responsible	Period
Establish village interest groups	Fishermen (ASK, FDR), Beekeepers (MJT), Weavers and Seamstresses (MJT)	FSU Agents, NPAs	JAN
Formulate, send SIDP or MIDP dossier	Fishing materials (ASK, FDR), Beekeeping materials (MJT), Weaving and sewing materials (MJT)	<i>CIREF</i> , PBM	JAN, FEB
Approve dossiers and disburse funds	Fishing materials (FDR, ASK), Beekeeping, Weaving, and Sewing materials, and School Rehabilitation (MJT)	CO Staff, <i>CIREF</i>	Starting from APR
Implement projects	"	PBM, <i>CEF</i> , CAs	"
Status reports	Mini-plows for <i>SRI</i> (ABH, MJT, AZH), Fishing materials (FDR, TNB, ASK, ABM), Beekeeping materials (MJT, TNB, ABM), Weaving and Sewing materials (MJT, TNB, ABM), School Rehabilitation (MJT), Woodcutting materials (ABM, TNB), Carpentry material (TNB), and Vanilla and Passionfruit initiative (TNB)	PBM, CAs	"
Project monitoring and support	"	PBM, FT	"

SIDPs/MIDPs to implement in last quarter of 1999

Steps/Tasks	Targets	Person(s) Responsible	Period
Complete, send missing dossier elements	Beekeeping (TNB, AMB), Weaving and Sewing (TNB, AMB), Carpentry (TNB), Woodcutting (TNB, AMB), Vanilla and Passionfruit (TNB), Fishing (TNB, AMB), Mini-plows for <i>SRI</i> (AMB, MJT, AZH)	PBM, FT	Before 16 OCT 1999
Approval and fund disbursement	"	CO Staff, <i>CIREF</i>	NOV 99
Implement projects	projects cited above + school rehabilitation (ASK) and nursery (MJT)	PBM, <i>CEF</i> , CAs	NOV 99
Purchase materials	"	CO Staff, <i>CIREF</i> , PBM	Starting from OCT 99
Training	<i>SRI</i> (MJT, ABH, AZH), Beekeeping (TNB, AZH), Vanilla culture (TNB), nurseries (AZH, MJT), Charcoal production (AZH)	Specialist, NPAs	OCT 99 (<i>SRI</i>)

2 4 1 2 Activity 5 Support for Village Associations and Groups

2 4 1 2 1 Support for Village Interest Groups

Introduction/Justification

Implicating women's groups in natural resources management forms one of the recommendations of the Project's 2-year internal evaluation. Particular efforts will be undertaken for supporting these groups so that they can progress towards self-development. For 2000, two regional events will be targeted, e.g., the exposition organized by *Femme et Developpement* and *Tanambe Midola* women's groups from the site will participate in these events. The objective is to broaden contacts so that the various crafts produced by the groups can be more easily promoted and recognized.

Steps/Tasks	Targets	Person(s) Responsible	Period
Awareness raising on quality and self-promotion	AZH, TNB, MJT, ABM	Female FSU Agent, PCV, NPAs	JAN
Produce crafts/products	At least 4 crafts/products per group	Groups	JAN to JUN
Contact event organisers	<i>Femme et Developpement</i> , and <i>Tanambe Midola</i>	PBM	DEC 99

Steps/Tasks	Targets	Person(s) Responsible	Period
Written request to become members of <i>Femme et Développement</i> organization	4 groups	Female FSU Agent, PCV, groups	JAN
Reserve booth	1 booth at 2 events	PBM	MAR
Make banners and signs using woven mats	2 banners, 4 signs	Specialist, PCV	MAY
Producer flyers about the groups	100 flyers	PBM	MAY
Training on product commercialization and sales agreements	1 training	Specialist	JUN
Tag crafts/products	1 tag per group of 10 products	Groups, Female FSU Agent, PCV	JUN
Send crafts/products	2 Events	Groups, PBM	to be set after contact w/ organizers
Participate in events	2 Events	Female FSU Agent, 1 rep /group	AUG

Support Activities

2 5 Activity 6 Monitoring Activities

2 5 1 Planning, Meetings and Reports

Introduction/Justification

In 2000, new tasks (reports) will be implemented in order to improve the FTs' efficiency and effectiveness. See Andravory Activity 7 1 for other introduction/justification details.

Steps/Tasks	Targets	Person(s) Responsible	Period
Present 2000 AWP	9 MCOMs, 2 <i>commune</i> mayors	CIREF, PBM, FT	JAN
Quarterly planning	4 plans	CIREF, PBM, FT	OCT 99, FEB, APR, AUG
Establish quarterly budgets	4 budgets	CIREF, PBM, Administrative Assistant (AA)	NOV 99, MAR, MAY, SEP
Monthly meetings	12 meetings	CIREF, PBM, FT	last Thursday of each month
Write up, send meeting minutes	12 reports	FSU Agents	JAN to DEC

Steps/Tasks	Targets	Person(s) Responsible	Period
Produce monthly activity reports	3 sectors	NPAs	JAN to DEC (at the end of each month)
Produce, send quarterly activity reports	4 reports	FSU Agents	15 JAN, 15 APR, 15 JUL, 15 OCT
Write up, send monthly financial reports	12 reports	<i>CIREF</i> , PBM, AA	JAN to DEC
Write up, send personnel reports	4 reports	"	JAN, APR, JUL, OCT
Material status reports	2 reports	PBM, FT	JAN, JUL
Preliminary meeting on 2001 AWP	1 meeting	<i>CIREF</i> , PBM, FT	AUG
2001 AWP sessions	1 AWP	CO Staff, <i>DIREF</i> , <i>CIREF</i> , PBM, AA, FT	SEP

2 5 2 Monitoring and Evaluation Data

Introduction/Justification

See Andravory Activity 7 2 for introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Gather information for indicators	3 NPA sectors	NPAs	JUN, DEC
Gather data along transects	6 transects	NPAs	DEC
Produce, send reports	2 reports	FSU Agents	JUN, DEC

3 New Activities

3 1 Objective

To implement the process of Participatory Forest Management (PFM)

3 1 1 Expected Result

Villagers are able to work together for the management of Village Forests (VFs)

3 1 1 1 Activity 7 Environmental Contests

Introduction/Justification

This activity aims at augmenting the implication of the villagers in the PFM process. It constitutes formal implementation of the technical note concerning the communication strategy at the Project's field sites. Contest details are presented in the table below, normal work plan details are presented in the second table.

Contest Themes	Reforestation	<i>Dina</i> application against illegal cutting
Selection Criteria	Number of living and maintained (i.e., weeded) plants	Monitoring notebook maintained (up to date), obligations respected, sanctions applied
Judging Period	NOV	NOV
Date, Prize Awarded	DEC	DEC
Prize	Hoe, <i>Boriziny</i> , Certificate	Cow, Certificate
Event	<i>Fihaonambe</i> (sport and cultural competitions, sales/expositions, deliberation meetings, films, demonstration visits)	<i>Fihaonambe</i>
Members, Judge Panel	<i>CIREF</i> , <i>CEF</i> , FSU Agents, NPAs, <i>Commune</i> Mayors	<i>CIREF</i> , <i>CEF</i> , FSU Agents, NPAs, <i>Commune</i> Mayors

Steps/Tasks	Targets	Person(s) Responsible	Period
Inform communities about the contest and the event	9 villages	FT	JAN
Establish <i>dina</i> and reforestation monitoring notebooks	"	<i>CIREF</i> , <i>CEF</i> , FT	JAN
Buy prizes	2 footballs, 2 trophies	CO Staff, <i>CIREF</i> , PBM, <i>CEF</i>	OCT, NOV
Recruit sponsors	"	"	FEB to OCT
Contact Television station, Fenerive	1 televised report	<i>CIREF</i> , PBM, PCV	OCT 99
Produce report	1 televised report	PBM, PCV, TV FEN	before MAY
Create organization committee	1 committee	<i>CIREF</i> , <i>CEF</i> , PBM	FEB
Establish calendar for <i>Fihaonambe</i>	1 <i>Fihaonambe</i>	Committee	APR

Steps/Tasks	Targets	Person(s) Responsible	Period
Publicity invitations, banners, posters, announcements	30 announcements, 50 invitations, 4 banner, 50 posters	Committee	MAY, JUN
Identify, choose environmental film/video	1 film/video	CO Staff	OCT
Obtain projector	1 projector	CIREF, CEF, PBM	NOV
Set up booths	at least 10 booths	Committee, FT, MCOMs	NOV
Send invitations	50 invitations	Committee	OCT
Produce certificates	12 certificates	CO Staff	OCT
Conduct <i>Fihaonambe</i>	1 <i>Fihaonambe</i>	FT, PBM, CIREF, Committee, CO Staff	DEC

Tolongoina FR

2 Current Activities

Activities Linked Directly to the Logical Framework

2 1 Objective

To reinforce the intervention capacity of the Malagasy Forest Service at the field level

2 1 1 Expected Result

Forest Agents, FSU Agents and NPAs are able to provide technical support to villagers

2 1 1 1 Activity 1 Training

2 1 1 1 1 Inter-village Visits

Introduction/Justification

Two visits of 1 5 days will be organized Ten villagers will participate in each visit The FT is responsible for identifying the targets (activities and results to see) and themes of the visits See Andravory Activity 1 2 for other introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Choose villages and sectors ⁶ to visit	2 visits to MZ and MR sectors with 10 villagers/visit	FT	SEP 99
Awareness raising, information (regarding visits)	4 Sectors, CAs	FT, Landscape Development Initiatives (LDI ⁷) Agent	APR
Identify visit themes, organize visits	4 Sectors	FT, LDI Agent, Villagers	APR, MAY
Conduct visits	20 villagers	-"-	JUN, JUL

2 1 1 1 2 Training in Project Design/Implementation and Administrative Procedures

Introduction/justification

See Andravory Activity 1 1 for introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Conduct training	FT, PBM	CO Staff	MAR

2 1 1 1 3 Review of Communication Techniques

Introduction/justification

This activity will take place at the Project field site (Tolongoina) See Andravory Activity 1 1 for additional introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Conduct training	FT, PBM	Trainer(s), CO Staff	JUN

2 2 Objective

To implement the process of Participatory Forest Management (PFM)

2 2 1 Expected Result

⁶The site is divided into four NPA sectors, with two to three NPAs assigned to each sector

⁷The Project has signed a formal partnership agreement with the LDI Project, LDI is providing one agricultural agent to work with the TLG FT and is helping the Project develop various activities

The status and evolution of the forestry potential of the project sites are known

2 2 1 1 Activity 2 Preliminary Work on the Management Plan for the FR

(n b this activity also contributes to the fulfilment of ER 6)

Introduction/Justification

See Andravory Activity 2 for introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Reinforce awareness raising regarding MP for the FR	Villagers of the 4 sectors	FT	SEP, OCT
Demarcation and marking of FR limits	Southern FR boundary	FT, Villagers	15 days in OCT, 15 days in NOV
Produce draft map/drawing of FR showing all VT limits	1 map/drawing, CO Staff	FT	NOV, DEC

2 2 2 Expected Result

The management plans (for VFs and the FRs in their entirety) are implemented

2 2 2 1 Activity 3 Participatory Forest Management (PFM)

(n b this activity also contributes to the fulfilment of O4 and RA14 and 15)

Introduction/Justification

See Andravory Activity 3 1 for introduction/justification details

2 2 2 1 1 Village Forest Management and GELOSE Process

Steps/Tasks	Targets	Person(s) Responsible	Period
Present inventory results to villagers	MR and AV*	FT	JAN
Produce draft MP	-"-	CO Staff	FEB, MAR
Present draft MP alternatives	-"-	FT, Villagers	MAR
Finalize MP	-"-	CO Staff	APR, MAY
Finalize, approve, sign <i>GELOSE</i> documents (contract, <i>Dina</i>)	MZ, TM, MR, AV	FT, MCOMs, CAs, <i>CIREF</i> , <i>DIREF</i> (mediator for MR and AV)	FEB, MAR (MZ, TM), NOV, DEC (MR, AV)

Steps/Tasks	Targets	Person(s) Responsible	Period
Furnish sawing equipment	TM and MZ	CO Staff	FEB
Mark harvest plots	TM	FT	MAR
Harvest marked trees	MZ, TM	Woodcutter Groups, MCOMs	APR
Monitor adherence to management contract	MZ, TM	FT	MAY to DEC

* Abbreviations for villages at TLG are as follows TT=Tatamaly AB=Ambodivanana, LD1=Laditra Ambony LD2=Laditra Ambony SM=Sahamaloto, MZ=Malazamasina, MD=Mandriandry, KJ=Kianjamiakatra TLG=Tolongoina Village TM=Tsimbahambo MR=Madiorano, AV=Andrambovato, AL=Ambalavero

2 2 2 1 2 Timber Transformation

Introduction/Justification

This activity contributes to raising villagers' awareness of timber and timber product markets as well as the importance of forest products. Specifically, it will focus on training selected villagers in carpentry and woodworking methods.

Steps/Tasks	Targets	Person(s) Responsible	Period
Support and supervision of timber harvest start-up	2 VFs	FT, PBM, CO Staff, LDI Agent	MAR
Continue timber market study	2 VFs	LDI Staff, FT, CAs	JAN to APR
Facilitate establishment of village woodworking groups	2 groups	FT, CAs	MAY, JUN
Recruit trainers in carpentry/ woodworking	Trainers	CO Staff, LDI Staff	JUN, JUL
Conduct training in carpentry/ woodworking	4 groups	CO Staff, LDI Staff	AUG
Furnish woodworking equipment	4 groups	CO Staff, LDI Staff	SEP

2 2 2 1 3 Agroforestry

Introduction/Justification

See Andravory Activity 3 1 for introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Awareness raising	Villagers in 4 Sectors	FT, LDI Agent	JAN to MAR
Census of interested farmers and their needs		FT, LDI Agent	FEB, MAR
Provide seeds and stump seedlings		CO Staff, LDI Staff	APR
Establish nurseries, choose demonstration sites		Pilot farmers, LDI Agent, FT	JUL, AUG
Training in contour line location/markings		-"-	SEP, OCT
Direct seeding and outplanting		-"-	DEC, JAN 01

2 2 2 1 4 Phenological Observations

Introduction/Justification

See Andravory Activity 3 2 for introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Observation of selected species	Selected species	FT	Once every 15 days, JAN to DEC
Produce, send report	-"-	FT	JUL, JAN 01

2 3 Objective

To promote behavioural change so that villagers are more protective and conservation-oriented regarding forest resources

2 3 1 Expected Result

The area of cleared forest (especially for agriculture) decreases

2 3 1 1 Activity 4 Village Territory Management

2 3 1 1 1 Village Territory Zoning

Introduction/Justification

See Andravory Activity 5 for introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Awareness raising and information dissemination	<i>Ampanjaka Ray aman-dreny</i> ⁸ , MCOMs	FT	2 nd half of JUL
Reconnaissance, identification of territory limits	5 territories	FT, <i>Ray aman-dreny</i>	-"-
Hikes in territories	5 territories	FT, <i>Ray aman-dreny</i> , Villagers	AUG, SEP, OCT
Establish zoning maps and territory action plans	5 maps, 5 plans	FT	OCT
Produce draft territory <i>Dina</i>	5 <i>Dina</i>	FT, MCOMs	NOV
Revise and approve territory <i>Dina</i>	5 <i>Dina</i>	<i>Communes</i>	NOV
Produce summary village reports based on revised PRA outline	13 villages	FT	JAN to DEC

2 3 1 1 2 Reforestation

Introduction/Justification

Concerning enrichment plantings in VFs or rehabilitation zones, progressive encouragement of villagers seems to be the best method to address their unwillingness to plant native species (even if these species are recognized as valuable) Consequently, the FT proposes the organization of environmental contests in which reforestation will be one of the themes Specifically, question/answer contests will focus on planting native species in VFs and rehabilitation zones as well as reforestation with exotic species outside of the Forest Reserve Prizes for contest winners will be solicited from LDI and other institutions that operate in the Project zone In 2000, each NPA sector will also conduct reforestation efforts using exotic species See Andravory Activity 3 1 for other introduction/ justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Awareness raising	12 CAs	FT	JAN to MAR
Contests (question/answer events)	12 CAs	FT	26 JUN (indep day)
Organize, prepare contests (questions, logistics, etc)	contests in sectors, then for whole site	FT, <i>Commune</i>	FEB

⁸Traditional village leaders

Steps/Tasks	Targets	Person(s) Responsible	Period
Send draft drawings for fliers	26 (2/village)	FT	MAR
Obtain, provide prizes	5 prizes	CO Staff	APR, MAY
Census of interested villagers	4 sectors	FT	MAR
Send needs list (materials/equipment)	-"-	FT	MAR
Furnish seeds	-"-	CO Staff	APR, MAY
Establish nurseries	-"-	Villagers	JUL
Mark and dig holes	-"-	FT, Villagers	DEC
Outplanting and support/supervision	-"-	Villagers	36160

2 4 Objective

To improve the standard of living of the villagers through improved management of the Forest Reserves (FRs) and the zones surrounding them

2 4 1 Expected Result

Local people gain increased benefits from the forests and the zones that surround them

2 4 1 1 Activity 5 Support for Village Groups and Associations

2 4 1 1 1 Official Recognition of CAs

Introduction/Justification

See Andravory Activity 4 for introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Facilitate creation of CAs	5 CAs (SM, LD1, LD2, TT, AB)	FT, Villagers	JAN to MAR
Official recognition of CAs	-"-	FT, MCOMs, <i>Commune</i> Mayors	JUL

2 4 1 1 2 Support for Women's Groups

Introduction/Justification

There are five existing women's groups located in the following villages Mandriandry, Andrambovato, Ambalavero, Tatamaly, and Kianjamiakatra During 2000, the FT will facilitate the establishment of formal groups so that each group is part of the larger CA in its village See Andravory Activity 4 for additional introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Identify event for women's groups to attend at Fianarantsoa	1 Event (workshop, seminar, etc)	<i>DIREF</i> , PBM	JAN to DEC
Awareness raising regarding organisational aspects	5 groups	FSU Agents, LDI Agent	MAR
Furnish support	5 groups	FSU Agents, LDI Agent	JAN to DEC

2 4 1 1 3 Socio-Organisational and Institutional Support

Introduction/Justification

Generally, this activity represents the application of support techniques that will be the subject of a training in the last semester of 1999 See Andravory Activity 4 for introduction/justification details

Tasks/Steps	Targets	Person(s) Responsible	Period
Institutional support	13 CAs	FT, LDI Agent	JAN to JUN
Organisational support	13 CAs	FT, LDI Agent	JAN to DEC

2 4 1 2 Activity 6 Development Initiatives in Agricultural Zones

2 4 1 2 1 Implementation of Small Integrated Development Projects (SIDPs)

Introduction/Justification

There are four SIDPs planned for the Tolongoina site in 1999 school rehabilitation at Malazamasina, Tsimbahambo and Andrambovato, and a small dam at Madiorano If the school at Tsimbahambo is not approved by the local education authorities, the FT will develop an alternative project at Laditra See Andravory Activity 6 for other introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Recruit specialists	MZ, TM, MR	<i>DIREF</i> , PBM	NOV 99
Technical feasibility study	-"-	<i>DIREF</i> , PBM, Specialists	DEC 99
Determine villagers' contribution and organization	-"-	FT, PBM	JAN
Establish work plan/calendar	-"-	<i>DIREF</i> , PBM, <i>CEF</i> , FT, CAs, Specialists	FEB

Steps/Tasks	Targets	Person(s) Responsible	Period
Finalize budget	-"-	<i>DIREF</i> , PBM	FEB
Establish official request (from CA)	-"-	<i>Triage des Eaux et Forêts (TEF)</i> , FSU Agents, MCOMs	FEB
Submit project dossiers	-"-	<i>TEF</i> , FSU Agents, MCOMs	FEB
Send missing elements of dossier (MR)	MR	<i>DIREF</i> , PBM	NOV 99
Study dossiers and request clarifications (if needed)	MZ, TM, AV, MR	CO Staff	DEC 99 (MR), MAR
Approval of dossiers	-"-	<i>Direction Generale des Eaux et Forêts (DGEF)</i> , CO Staff	JAN (MR), APR
Establish project agreement (between MWF and villagers)	-"-	<i>DIREF</i> , MCOMs	FEB (MR), MAY
Call for, identify contractors, Sign agreement (between <i>DIREF</i> and contractor)	-"-	<i>DIREF</i> , PBM	FEB (MR), MAY
Implement projects	-"-	FT, CAs, contractor	JUN to AUG
Monitoring, supervision	-"-	FT, <i>DIREF</i> , PBM, CO Staff	JUN to AUG

2 4 1 2 2 Micro Integrated Development Project (MIDP)

Introduction/Justification

Two general MIDP initiatives are planned for 2000 lowland gardening in Ambalavelo, Andrambovato, Laditra, Tolongoina, and Mandriandry, and beekeeping (participants to be identified) See Andravory Activity 6 for additional introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
<i>Lowland gardening</i>			
Prepare dossiers	5 villages/groups	FT	JAN, FEB
Approve dossiers	-"-	CO Staff	MAR
Implement projects	-"-	FT, LDI Agent, village groups	APR
<i>Beekeeping</i>			

Identify interested villagers	4 sectors	FT, LDI Staff	JAN, FEB
Study background documents	Beekeeping (production and market aspects)	PBM, LDI Staff	NOV, DEC 99

2 4 1 2 3 Secondary Forest Product Study

Introduction/Justification

The FT has already tentatively identified several secondary (or non-timber) forest products. These include medicinal plants, essential oils, crayfish, frogs, various bamboo species, snails, geckos, and ecotourism. See Antsiraka Activity 3 for other introduction/justification details.

Steps/Tasks	Targets	Person(s) Responsible	Period
Census of secondary products	4 sectors	FT, LDI Staff	NOV 99
Produce/adjust product (species) identification summary sheets	1 sheet/product	CO Staff, <i>CIREF</i>	JAN
Preliminary surveys	Identified products	FT, LDI Agent	FEB
Choice of product to study*	1 product	FT, LDI Agent	FEB
Recruit students or researcher	Botanist, Herpetologist, Zoologist, Agro-industrial Expert, Pharmacologist, or Ecotourism Expert (according to the priority product)	LDI Staff, CO Staff	MAR, APR
Conduct study	1 product	CO Staff, LDI Staff, students	JUL to OCT

*n b the FT will prioritize the products and the Project will finance the study on the most important product, LDI may finance the second and third choices based on available funds.

Support Activities

2 5 Activity 7 Monitoring and Planning Activities

2 5 1 Meetings and Planning

Introduction/Justification

See Andravory Activity 7 1 for introduction/justification details.

Steps/Tasks	Targets	Person(s) Responsible	Period
Conduct monthly, quarterly and semester meetings	12 (monthly), 4 (quarterly), 2 (semester)	FT, PBM (monthly), FT, PBM, <i>CEF</i> (quarterly), FT, PBM, <i>CEF</i> , <i>CIREF</i> , <i>DIREF</i> (semester)	JAN to DEC (monthly), MAR, JUN, SEP, DEC (quarterly), JUN, DEC (semester)
Write up, send meeting minutes	-"-	-"-	-"-
Produce 2001 AWP	Site	FT, PBM, <i>DIREF</i> , <i>CIREF</i> , CO Staff	SEP
Produce quarterly plans/budgets	4 plans/budgets	FT, PBM	JAN, APR, JUL, OCT

2 5 2 Reports

Introduction/Justification

See Andravory Activity 7 1 for introduction/justification details

Steps/Tasks	Targets	Person(s) Responsible	Period
Monthly reports	12 reports	NPAs	JAN to DEC
Quarterly reports (including climate data)	4 reports	FSU Agents	APR, JUL, OCT, JAN 01
M&E Reports (including transect data with 2 nd semester report)	2 reports	FSU Agents	JUL, JAN 01

Tsitongambarika FR

2 Current Activities

Activities Linked Directly to the Logical Framework

2 1 Objective

To reinforce the intervention capacity of the Malagasy Forest Service at the field level

2 1 1 Expected Result

Forestry Agents (FAs), FSU Agents and Nature Protection Agents (NPAs) are trained in forestry techniques and in PFM

2 1 1 1 Activity 1 Training

(n b this activity also contributes to the fulfilment of ER 2)

2 1 1 1 1 Field Agent Training

Introduction/Justification

Two subjects, common to all four sites, will constitute the 2000 training themes communication and extension techniques at the village level, and small development project design and implementation. Besides these two trainings, three others are planned for the Tsitongambarika FT and villagers in 2000

- ▶ a workshop on SIDP procedures and Project finances,
- ▶ improved beekeeping techniques, and
- ▶ lowland gardening

See Andravory Activity 1 1 for other introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
<i>Communication/Extension Techniques and Project Design/Implementation</i>			
Conduct trainings	Consultants/trainers	APR (proj design), JUL (comm / ext)	FT
<i>SIDP and Finance Workshop</i>			
Workshop preparation/organisation	Central Office Administrative Team (COAT)	JAN	1 workshop for the FSU Agents, CIREF, CEF, and PBM
Conduct workshop	-'-	FEB (1 st half)	CIREF, CEF, PBM, FSU Agents
<i>Beekeeping</i>			
Training of field agents and pilot farmers	PCV	JAN	FT, 4 pilot farmers (2 each from AN ⁹ and ME)
Activity monitoring and support	PCV, FT and trained farmers	JAN to DEC	20 pilot farmers in each village
<i>Lowland Gardening</i>			
Formulate Scope of Work (SOW) for FAFAFI*	FT, PBM	OCT, NOV 99	1 SOW
Contact FAFAFI	CIREF, PBM	-''-	FAFAFI
Training of field agents and village group members	Trainer (FAFAFI)	FEB (2 nd half)	FT, 10 representatives from women's groups

*A local Non-Governmental Organisation (NGO)

⁹Please refer to the list of village abbreviations under Activity 5 PFM below

2 1 1 1 2 Inter-Village Visits

Introduction/Justification

For 2000, inter-village visits around the Tsitongambarika FR are planned. For these visits, Farafara will be the host village and will present its VF and lowland gardening initiative to the visitors. The visiting villagers will come on two separate occasions from the following villages: Ampasy-Nahampoana, Mahialambo/Elandy, Andranara, Manatantely, Ivololo, Tamboro, and Enato. See Andravory Activity 1 2 for other introduction/justification details.

Tasks/Steps	Person(s) Responsible	Period	Targets
Choose/identify host village and visitors	FT	JUL	1 host village, 21 visitors
Organize/prepare for the visits	FT, PBM, MCOM	JUL	3 visitors each from 7 villages (21 persons)
Conduct visits	FT, PBM, MCOM	AUG	2 visits to Farafara

2 2 Objective

To implement the process of Participatory Forest Management (PFM)

2 2 1 Expected Result

The status and evolution of the forestry potential of the project sites are known

2 2 1 1 Activity 2 Preliminary Work on the Management Plan for the FR

Introduction/Justification

For 2000, the limits of several village territories will be recorded with the Geographic Positioning System (GPS) instrument and a draft map of the FR that includes the limits of the 40 village territories that overlap with the FR boundaries will be produced. See Andravory Activity 2 for other introduction/justification details.

Tasks/Steps	Person(s) Responsible	Period	Targets
Record GPS coordinates of VT limits	FT	JAN to AUG	18 VTs
Sketch map of entire FR with limits of the 40 VTs	FT	SEP	1 draft map
Send GPS data to CO Staff	FT	SEP	data for 18 VTs
Transpose data to digital map	CO Staff	OCT	1 map

2 2 2 Expected Result

Villagers are able to work together for the management of the Village Forests (VF)

2 2 2 1 Activity 3 Support for Village Associations and Groups

(n b this activity also contributes to the fulfilment of ER 6)

Introduction/Justification

In 2000, efforts will be concentrated on strengthening the CAs and their MCOMs so that they become dynamic and effective organizations See Andravory Activity 4 for other introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
Support for CA/MCOM and group establishment	FT, PBM	SI ¹⁰ JAN, SII JUN, SIII OCT 99	5 CA/MCOMs MN, EN, ME, AB, VT, 4 Groups FA, IV, ME, TA
Census of CA members	FT, PBM	SI FEB and OCT, SII JUN, SIII JAN, SIV JAN	10 CAs AN, FA, AD, IV, TA, ME, EN, MN, AB, VT
Official recognition of CAs	PBM, <i>CIREF</i> , <i>CEF</i> , FSU Agents, Mayors CO Staff (for printer)	SI FEB, SII JUL, SIII FEB, SIV MAR	8 CAs AD, IV, TA, ME, EN, MN, AB, VT
Aid MCOM members with organizing the CA structure and function	FT, PBM	JAN to DEC	10 MCOMs
Monitoring and support of CA/MCOM activities	FT, PBM	JAN to DEC	10 MCOMs
Women's groups participation in 8 March festivities (World Environment Day)	FT, PBM, groups	FEB, MAR	2 groups (activity presentation)
Evaluation of activities	FT, PBM, MCOMs	AUG (mini- evaluation), DEC	10 MCOMs

2 2 3 Expected Result

Management plans for the FRs and the VFs are produced in collaboration with the villagers

2 2 3 1 Activity 4 Participatory Forest Management (PFM)

(also contributes to the fulfilment of O3 and ERs 4, 5, 7, 8, and 10)

¹⁰The Tsitongambarika site is divided into 4 NPA sectors SI=Sector I SII=Sector II etc

N B Abbreviations used for villages in this activity (and in other TGK activities) 5 ongoing VFs -- Farafara=FA Ampasy-Nahampoana=AN, Manatantely=MN, Ivolo=IV Tamboro=TA 2 new VFs -- Mahialambo/Elandy =ME, Enato=EN for reforestation, Andranara=AD

2 2 3 1 1 Village Forests

Introduction/Justification

See Andravory Activity 3 1 for introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
Awareness raising on PFM, and the Project strategy* (methods meetings means kabary, T-shirts, traditional cloth, flyers, local, media)	FT, PBM (local media), CO Staff (extension supports)	JAN to MAR	ME, EN, local officials
VF demarcation and inventory	FT, villagers	JUL, AUG	ME, EN
Mark limits of ongoing VFs	FT, villagers	JAN FEB	5 ongoing VFs
Wood production and market study and report	CEF, FSU Agents	APR, MAY	ME, EN, MN
Produce draft management plans	CO Staff, CIREF, CEF, FSU Agents	AUG to OCT	-"-
Present draft management plans to villagers	CIREF, FT	SEP OCT	-"-
Finalize and approve management plans	CO Staff, CIREF, MWF	APR (TA, MN), NOV (ME or EN)	3 PA TA, MN, et ME or EN
Produce and present management plan summaries in Malagasy	CO Staff, CIREF, MWF, FT	JAN, FEB (FA, AN, IV), MAY (TA, MN), DEC (ME or EN)	6 summaries FA, AN, IV, TA, MN, et ME or EN
Produce management contracts	CIREF	MAR (AN, IV), MAY (TA, MN), DEC (ME or EN)	5 contracts AN, IV, TA, MN, et ME or EN
Present management contracts to villagers	CIREF, FT, MCOMs	-"-	-"-
Sign and implement management contracts	Villagers (MCOMs)	-"-	-"-
Demarcate harvest plots and mark selected trees	FT, villagers	MAR, APR (IV, TA), APR (FA,	5 plots FA, IV, AN, TA, MN

Tasks/Steps	Person(s) Responsible	Period	Targets
		MN), SEP (AN)	
Selective cutting	FT, CA	JUL, AUG, OCT	FA, AN, IV, MN**
Silvicultural treatments (release of elite trees)	FT CA	- '-	- "-
Sale of sawn wood	FT, CA	OCT à DEC	- "-
Evaluation of ongoing harvest operations	CIREF, CEF, FT, CA	DEC	- "-

*The FT will provide details regarding extension supports to CO Staff during visits by the Administrative Team in NOV and DEC 1999

**if possible at MN, the priorities are FA, AN and IV

2 2 3 1 2 Reforestation

Introduction/Justification

Two strategies will be used in 2000 enrichment plantings in the VFs employing wildling transplantation and direct seeding in rehabilitation zones. Fruit and coffee tree seedlings will be produced in individual nurseries and will be outplanted in buffer zones in 2001. See Andravory Activity 3 1 for other introduction/justification details.

Tasks/Steps	Person(s) Responsible	Period	Targets
Phenological observations	FT, CA	JAN to DEC	10 species/sector
Reminder of obligations (relative to reforestation) mentioned in contract clauses	CIREF, FT, MCOMs	FEB (FA), APR (IV)	FA, IV
<i>Direct seeding in rehabilitation zones</i>			
Identify zones to be rehabilitated (with forest micro-climate)	FT, MCOMs	SEP, OCT 99 (FA), APR (IV), JUL (MN, AD)	1 rehabilitation zone in following villages FA, IV, MN, AD
Harvest seeds	- "-	JAN, OCT (Voapaky, Vakabe), JUN, JUL (Rotra) FEB, MAR (Ramy) MAY, JUN (Ravinala)	Voapaky, Vakabe, Rotra, Ramy, Ravinala (150 seeds/species)
Direct seeding in rehabilitation zones (native species)	- "-	- "-	- "-
Fruit and coffee tree production in	villagers	AUG to OCT (coffee), JAN to	FA, IV, MN, AD Coffee, Avocado,

Tasks/Steps	Person(s) Responsible	Period	Targets
individual nurseries (harvest and sow seeds)		MAR (Mango, Jackfruit), FEB to APR (Avocado)	Jackfruit, Mango (150 plants/species/village)
Direct seeding monitoring	MCOMs, FT	MAR to DEC	4 rehabilitation zones
<i>Wildling transplantation in VFs</i>			
Selection of natural regeneration and wildling provision	CA*, FT	NOV, DEC	5 valuable species (see MP for the VFs), 20 wildlings of each species transplanted in each VF (FA, IV, AN, MN**)
Transplantation	-"-	-"-	-'-
Monitoring	MCOMs, FT	-"-	-"-

*primary responsibility

**if possible at MN the priorities are FA, AN and IV

2 2 3 1 3 Agroforestry

Introduction/Justification

In 2000, this activity will be limited to monitoring the trials established in 1999 and installing a seed orchard for agroforestry species next to the Project office See Andravory Activity 3 1 for other introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
Prepare site for seed orchard installation	FT, workers	NOV 99	Mangaiky (Project Office)
Obtain (at Pronatex) and plant vetiver grass clumps	FT, workers	DEC 99	1,000 vetiver clumps
Sow seeds	FT	JAN	<i>Crotalaria</i> , <i>Sesbania sesban</i> , <i>Cajanus</i> , <i>Tephrosia</i> (non toxic), <i>Cassia siamea</i> + 4 others
Seedling monitoring and maintenance	FT	JAN to DEC	-"-
Monitor previously established trials	FT, pilot farmers	JAN to DEC	3 trials in the Ambaniala

Tasks/Steps	Person(s) Responsible	Period	Targets
			area, 1 at Andranara, and 1 at Manatantely

2 2 3 1 4 Fire Management

Introduction/Justification

In the Project zone, wildfires destroy or degrade a significant area of natural forest annually. Most of the fires originate from brush burning operations in newly cleared fields that are not monitored or controlled. In 2000, this activity will focus on demonstrating techniques for controlling these fires.

Tasks/Steps	Person(s) Responsible	Period	Targets
Awareness raising on wildfires and firebreaks (method meetings, means kabary slides, posters*)	FT, CO Staff (extension supports)	MAY, JUN	4 demonstrations / sector (4 villages/sector)
Support/supervision for brush burning operations	FT	JUL to OCT	-"-

*The FT will formulate poster details and send them to the CO Staff for production

2 2 3 1 5 Secondary Forest Product Study

Introduction/Justification

In 2000, the accessory construction products furnished by two palms (Raotsy et Vakabe) and Ravinala will be studied, the study will cover the entire site. See Antsiraka Activity 3 for other introduction/justification details.

Tasks/Steps	Person(s) Responsible	Period	Targets
Recruit student	CO Staff	MAR	1 student
Establish student's SOW	CO Staff*, CIREF, CEF, FSU	MAR	1 TDR
Conduct study and furnish support/supervision	Student, CIREF, CEF	APR, JUN, OCT	Accessory Products
Write up, send report	Student	NOV, DEC	1 Report
Utilize report information	CIREF, CEF, FT	2001	The entire FR

*primary responsibility

2 3 Objective

To promote behavioural change so that villagers are more protective and conservation-oriented regarding forest resources

2 3 1 Expected Result

Illegal cutting decreases in the forests

2 3 1 1 Activity 5 Village Territory (VT) Management

(n b this activity also contributes to the fulfilment of O3 and ERs 4, 12, and 13)

2 3 1 1 Participatory Rural Appraisals (PRA)

Introduction/Justification

Exploratory PRAs will be conducted in 6 new villages in 2000 See Andravory Activity 5 for other introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
Produce, send revised outline and technical note	CO Staff	NOV 99	FT
Explanation of outline/note to the FT	CIREF, CEF, FSU Agents	DEC 99	FT
Conduct PRAs and analyse results	FT, Villagers	JAN, JUN, JUL	6 villages (1 for SII and SIII, 2 for SI and SIV)
Write up and send reports	FSU Agents	FEB, AUG	6 reports
Write up and send summary reports based on revised outlines for previous PRAs	FT	JAN to DEC	PRAs done from 1997 to 1999

2 3 1 2 Village Territory Zoning

Introduction/Justification

In 2000, the FT plans on completing zoning of six village territories See Andravory Activity 5 for other introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
Study, utilize technical notes	CIREF, CEF, FSU Agents	SEP, OCT 99	FT (NPAs)
Extension meetings and information on zoning, including <i>dina</i> (means <i>kabary</i> ¹¹)	FT, villagers	MAR to JUL	6 villages* (1 in SI and II, 2 in SIII and IV)

¹¹Speech or address

Tasks/Steps	Person (s) Responsible	Period	Targets
Reconnaissance hikes	FT, villagers	-"-	6 series of hikes
Coordination/consensus meetings	FT, villagers	-"-	6 series of meetings
Produce village territory action plan and zoning map	FT, villagers	APR to AUG	6 action plans, 6 zoning maps
Demarcate village territory limits	FT, villagers	-"-	6 territories demarcated
Produce draft territory <i>dina</i>	villagers	APR to SEP	6 draft <i>dina</i>
Finalize and approve territory <i>dina</i>	Villagers, FT, Commune Mayors, CIREF	-"-	6 <i>dina</i>
Apply and monitor territory <i>dina</i>	FT, villagers, Commune Mayors	MAY to DEC	6 <i>dina</i> applied and monitored

*the 6 target villages are Mahialambo/Elandy Ampasy-Nahampoana Andranara Manatantely, Ivolo et Tamboro

2 4 Objective

To improve the standard of living of the villagers through improved management of the FRs and the zones surrounding them

2 4 1 Expected Result

Local people gain increased benefits from the forests and the zones that surround them

2 4 1 1 Activity 6 Development Initiatives in Agricultural Zones

(n b this activity also contributes to the fulfilment of O3 and ERs 12 and 15)

2 4 1 1 1 Small Integrated Development Projects (SIDP)

Introduction/Justification

Four SIDPs have been identified for 2000 monitoring of a small dam project begun in 1999 at Tamboro, the nursery and signs at Andranara, a small dam project at Amborabao/Vatambe, and monitoring of an ecotourism project (as well as other activities) for Ampasy-Nahampoana This latter project will be financed by the *Tany Meva* Foundation and should start in 1999 Two other SIDPs will be identified and formulated (dossiers) for Ivolo and Farafara in 2000 See Andravory Activity 6 for other introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
Thematic PRAs and project identification	FT, PBM	IV APR FA MAR	IV, FA
Feasibility study	Specialist, FT	IV MAY FA APR	-"-
Produce project dossiers	FT, PBM, CIREF	JUN, JUL	-'-
Finalize and send dossiers	FT, PBM, CIREF	FEB, MAR	AB, VT
Approval of dossiers	CO Staff	AD JAN AB, VT APR	AB VT, AD
Transfer funds	CO Staff	AD JAN AB, VT APR	AB VT, AD
Conduct work associated with projects	Technicians, Contractors, Villagers	AB, VT JUN to SEP, AD FEB to SEP, AN JAN to DEC	AB, VT AD, AN
Monitoring and data collection for M&E system indicators (see M&E system table)	FT, MCOMs	JAN to DEC	TA AB, VT, AD, AN
Obtain and send list of viable local NGOs	CO Staff	DEC 1999	PBM FT
Contact NGOs and discuss collaboration possibilities	PBM, CIREF	JAN, FEB	establish collaborati on with 1 NGO

2 4 1 1 2 Micro Integrated Development Projects (MIDP)

Introduction/Justification

For the MIDPs, lowland gardening in 5 villages (Andranara [begun in 1999], Farafara, Ivolo, Ampasy-Nahampoana et Tamboro), developing intensive rice culture techniques in 2 villages (Mahialambo, Tamboro), and a micro beekeeping project at Mahialambo are planned for 2000. See Andravory Activity 6 for other introduction/justification details.

Tasks/Steps	Person(s) Responsible	Period	Targets
Produce and send dossiers	FT, PBM	Beekeeping and SRI DEC 99, JAN, FEB (gardening)	7 dossiers in 5 villages
Project dossier approval	CO Staff	Beekeeping and SRI JAN, MAR (gardening)	-"-

Tasks/Steps	Person(s) Responsible	Period	Targets
Transfer funds	CO Staff	Beekeeping and <i>SRI</i> JAN, gardening MAR	- -
Implement projects	Village groups, pilot farmers	Beekeeping JAN, FEB, Gardening MAR, <i>SRI</i> FEB, MAR and SEP, OCT	8 MIDPs
Monitoring and support/ supervision	FT, MCOMs	JAN to MAY SEP to NOV	-"-

Support Activities

2 5 Activity 7 Monitoring and Planning Activities

2 5 1 Meetings, Reports, and Planning

Introduction/Justification

See Andravory Activity 7 1 for introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
Meetings (including writing up minutes)	<i>CIREF</i> , FT, PBM	Monthly, Quarterly and each Semester	<i>CIREF</i> , FT, PBM
Reports	FSU Agents, NPAs	Monthly for NPAs, Quarterly for FSU Agents	FSU Agents (NPA repts), <i>CEF</i> , <i>CIREF</i> , <i>DIREF</i> , CO Staff (FSU Agents' repts)
Collect villagers' ideas and analysis of activities by the FT for 2001 AWP	FT, <i>CIREF</i> , PBM	AUG	FT, villagers, AWP
Produce 2001 AWP	FT, PBM, CO Staff, <i>DIREF</i> , <i>CIREF</i>	SEP	1 AWP
Produce quarterly plans and budgets	FT, PBM	JAN, APR, JUL, OCT	4 quarterly plans/budgets

2 5 2 M&E System Data

Introduction/Justification

See Andravory Activity 7 2 for introduction/justification details

Tasks/Steps	Person(s) Responsible	Period	Targets
Data collection	FT	DEC (transects), JUN, DEC (indicators), JAN to DEC (climate)	8 transects (2/sector), M&E indicators, climate data, oblique photos, questionnaires
Write up send reports*	FT	JUN, JUL, DEC, JAN (2001)	<i>DIREF, CIREF, CEF,</i> CO Staff
Utilize reports (data)	CO Staff, <i>CIREF, FT,</i> <i>DIREF</i>	DEC, JAN (2001)	Recommendations, adjust activities

*the transect results must be sent attached to the second semester M&E reports

Central Office (CO)¹²

2 Current Activities

Activities Directly Linked to Logical Framework

2 1 Objective

To reinforce the intervention capacity of the Malagasy Forest Service at the field level

2 1 1 Expected Result

FAs, FSU Agents and NPAs are trained in forestry techniques and in PFM

2 1 1 1 Activity 1 Project Personnel Training

Introduction/Justification

The recommendations of the Project's internal evaluation with regard to the training component stressed the need to

- identify targets,
- carefully choose training themes/subjects, and

¹²Although CO staff are implicated in some way in almost all of the 4 FT AWP activities, not all details of their support could be described here, i e , only major activities are described Also, please note that Debt for-Nature (DFN) CO staff manage two projects Thus, not all of their time will be devoted to the FSU project

- determine the strategy to be used

Thus, for 2000 training themes, there will be two targets field agents and CO personnel

2 1 1 1 1 Field Agent Training

2 1 1 1 1 1 Four Original Project Sites

Introduction/Justification

The goals of the two training themes (small project design and rural communication/extension) identified for 2000 are

- to improve the skills of the FTs regarding small project design/implementation given that the SIDPs and MIDPs constitute the villagers' priorities and are critical for establishing good relations between Project staff and local communities, and
- to improve the quality of extension and awareness raising efforts at the field level in order to change villagers' behaviour with regard to the environment/natural resources

These trainings will be conducted by CO Staff one during the first semester of 2000 and the second during the second semester Each training will last for one week and will be held at the following sites Fenerive Est (for Antsiraka -- ASK), Vohemar (for Andravory -- ADV), Fianarantsoa (for Tolongoina -- TLG), and Fort Dauphin (for Tsitongambarika -- TGK) The participants will be the FTs, the *CIREF* or *DIREF* and the PBM

Steps/Tasks	Targets	Person(s) Responsible	Period
Produce written training summaries	2 summaries	Training Officer (TO)	JAN, FEB (proj design), MAR, AVR (comm /ext)
Copy, distribute summaries	ASK 13, ADV 17, TLG 16, TGK 15	Logistics Officer (LO)	MAR (proj design), MAY (comm /ext)
Purchase training materials	flip chart paper, markers, coloured pencils, cassettes	LO	MAR
Coordinate/adjust training calendars for sites	adjusted calendar	TO	FEB
Conduct trainings	8 sessions	TO, Communications Officer (CMO) (comm /ext), TO (proj design)	According to site AWP

2 1 1 1 1 2 Two New Project Sites

Introduction/Justification

Project start-up at two new sites, planned for late 1999, will necessitate intensive training in three subject areas PFM, PRA and extension/communication techniques The first theme will be taught by MWF

trainers previously trained by the Debt-for-Nature programme. The latter two themes will be taught by CO staff. These trainings will take place in the town where the site's *CIREF* is located.

Steps/Tasks	Targets	Person(s) Responsible	Period
Establish training calendar	1 calendar	TO	FEB
Conduct trainings	3	MWF trainer (PFM), TO (PRA, comm /ext)	According to calendar

2 1 1 1 2 Central Office Personnel Training

Introduction/Justification

This activity aims at strengthening the professional capacity of the Central Office's technical team (COTT) so that it can adequately support and supervise the FTs. For 2000, the COTT needs to enhance its skills in Environmental Impact Studies (EIS) as these studies are necessary, in theory, before harvesting in the VFs can begin. The project plans on using the staff of a local training centre (CFSIGE) to conduct this training as they have experience in the subject matter. The training will take place in Antananarivo for 5 to 10 days, participants will include all members of the COTT. Additionally, CO Staff members are due to start using the internet in 2000. Consequently, the Technical Advisor (TA) and one of the Debt-for-Nature (DFN¹³) accountants will conduct a short training in internet use in April.

Steps/Tasks	Targets	Person(s) Responsible	Period
<i>EIS training</i>			
Produce training SOW	1 SOW	National Director (ND), TO	OCT, NOV 99
Contact CFSIGE ¹⁴	CFSIGE	ND	"
Conduct training	1 training	CFSIGE	JAN to MAR
<i>Internet training</i>			
Finish installation of office network and internet connections	CO	LO	JAN to MAR
Internet use training	CO Staff	TA, CO Accountant	APR

¹³WWF-Madagascar's Debt-for-Nature programme manages two projects: FSU and NPA.

¹⁴Local training center that has experience in EIS.

2 1 2 Expected Result

FAs, FSU Agents and NPAs are able to provide technical support to villagers

2 1 2 1 Activity 2 Training Monitoring

Introduction/Justification

This activity is needed to evaluate the application of each training theme at the field level. It will allow deficiencies to be identified as well as the implementation of corrective measures. The PBMs will be involved in monitoring the application of the project design and PRA trainings, especially for the new sites. Training summaries for past themes for new field agents will also be dispensed during these field visits.

Steps/Tasks	Targets	Person(s) Responsible	Period
Establish field visit calendar	1 calendar	TO	JAN, FEB
Monitor field agents during visits	6 visits	TO	According to calendar

2 1 2 2 Activity 3 Workshop for Forestry Agents

Introduction/Justification

Although Madagascar's new Forestry Policy and Forest Plan were established in 1996, many Forestry Agents (FAs) at the field level have not received all the necessary information on these subjects. Moreover, some of these FAs erroneously interpret these new initiatives as "pulling the rug out from under their feet" or divesting them of their powers. Others view these new approaches, including PFM, as whims of the donors and their projects. This activity is thus vital and urgent as it will permit all the FAs who play an essential role in promoting and advancing the PFM strategy at the FSU Project sites to operate at the same level of information. The specific objectives of this activity are:

- to furnish the FAs with *all* the necessary information on the new Forestry Policy,
- to reinforce the implementation of the PFM approach and the *GELOSE* law, and
- to reinforce the intervention capacity of the MWF at the field level.

General Target for the Activity A National workshop in Antananarivo on the new Forestry Policy, PFM, and *GELOSE*, participants will be the FAs from the Project sites *DIREF*, *CIREF*, *CEF* and *TEF*.

Steps/Tasks	Person(s) Responsible	Period
Prepare/establish workshop themes	CO Staff, <i>Direction de Gestion Durable des Ressources Forestieres (DGDRF)</i>	JAN
Organize the workshop (invitations, logistical aspects, etc)	CO Staff	FEB
Conduct workshop	CO Staff, <i>DGDRF</i>	MAR, AVR

2 2 Objective

To implement the process of Participatory Forest Management (PFM)

2 2 1 Expected Result

Villagers are able to work together for the management of Village Forests (VFs)

2 2 1 1 Activity 4 Support for the GELOSE Process

Introduction /Justification

The *GELOSE* law (96-025, promulgated 10 September 1996) is the legal framework for the transfer of management responsibility for renewable natural resources to local communities. Since the Project has adopted a strategy of transferring forest resource management to local communities, this activity is thus inescapable. The law requires the fulfilment of the following conditions/elements before the transfer can take place:

- the formulation and signature of a management contract between the local community (represented by its management committee), the local government administrative unit where the community is located (*commune*), and the legal landowner (usually the State),
- the existence of management contract details in a *cahier des charges*, established according to valid legislation and laws, that stipulates the obligations and responsibilities of the contract signatories, including technical management tasks that the local community must undertake in their role of manager,
- the *dina*, applicable to third parties, that stipulates the relations between the members of the local community,
- the Environmental Impact Study (EIS),
- relative tenure security for the local communities' territory, and
- the arbitration of an environmental mediator, a formality required by the process

Goal

Secure, self-management of renewable natural resources in a village territory by the local community

Targets

The 6 FTs, the 17 villages where VFs have been demarcated and inventoried and 1 village where the PFM process has started by the end of 1999, 3 to 4 additional villages for the 4 original sites (2 at TGK, 1 or 2 at TLG), 4 villages at the new sites

Steps/Tasks	Person(s) Responsible	Targets	Period
Send out technical notes on the establishment and official recognition of CAs, and producing <i>Dina</i> and management contracts	COTT	FTs (new sites)	JAN, FEB
Field-level support for application of technical notes	COTT	FTs	MAR, AVR, OCT, NOV (new sites), JAN to MAY, JUL to NOV (old sites)

(continued)

Steps/Tasks	Person(s) Responsible	Targets	Period
Contact and collaboration with the <i>GELOSE</i> department of the National Environmental Office for secure tenure and environmental mediation	ND, National Coordinator (NC), TA	4 original sites	JAN to MAR
Send <i>GELOSE</i> documents	COTT	6 FTs	JAN to JUN
Preparation and organisation for secure tenure and environmental mediation site visits	COTT, COAT, LO	4 original sites	JAN to DEC
Conduct Environmental Impact Study (EIS)	COTT	4 original sites	JAN to NOV

2 2 2 Expected Result

Management plans for the FRs and VFs are produced in collaboration with the villagers

2 2 2 1 Activity 5 Support for Management Plan (MP) Formulation

Introduction/Justification

At each Project site, the FT has begun the PFM process with approximately one village per NPA sector. This has included extension and awareness raising with regard to the Project's objectives, strategy and approach, the demarcation and inventory of VFs, the formulation and discussion of draft management plans, and the finalization of the management plans. However, it must be stressed that the Project's mission includes producing and implementing management plans for the entire sites. These plans will be based on management plans and zoning of village territories that overlap with or touch the borders of the FRs (n.b. the VFs are included in these village territory management plans). During 2000, particular attention will be paid to the Antsiraka site so that a draft management plan for this site can be produced by the end of the year.

Goals

To produce MPs for VFs, to train the FTs in forest management, and to produce a draft MP for the Antsiraka site.

Targets

5 to 6 VFs demarcated and inventoried (including 2 for the new sites), the FT of the 2 new sites, and the draft management plan for Antsiraka.

Steps/Tasks	Person(s) Responsible	Targets	Period
Produce draft VF management plans	COTT	4 VFs from 1999 and 4 VFs from 2000 (original sites), 2 VFs (new sites)	JAN to MAR and JUN to SEPT, OCT to DEC

(continued)

Steps/Tasks	Person(s) Responsible	Targets	Period
Send draft VF management plans to sites	COTT	4 MPs (1999 VFs), 4 MPs (2000 VFs)	JAN to MAR and JUN to SEP
Visit sites and discuss draft VF management plans	COTT	2 MPs	OCT to DEC
Finalize MPs (for VFs)	COTT	8 VFs (original sites)	AVR to DEC
Produce draft MP for Antsiraka*	COTT	Antsiraka FR	JUL to DEC

*n b this will be based on the 6 VT zoning plans to be produced in 2000, the plan will be finalized in 2001 when the 3 final VT zoning plans are completed

2 3 Objective

To promote behavioural change so that villagers are more protective and conservation-oriented regarding forest resources

2 3 1 Expected Result

The villagers are convinced of the importance of maintaining forest cover

2 3 1 1 Activity 6 Technical Notes

Introduction/Justification

For 2000, the accent for this activity will be on reinforcing the capacity of the field agents to pursue their work, and guidelines for refining ongoing initiatives or new activities. The notes will contribute to making the technical contents of previous notes consistent and will serve as a guide for the diverse steps involved in the PFM process.

Steps/Tasks	Targets	Person(s) Responsible	Period
Produce Technical Note on PRAs	1 Note	TO	JAN
Produce Technical Note on extension methods	1 Note	TO, CMO	MAR, APR
Product Technical Note on small project sustainability	1 Note	NC	JAN, FEB
Multiply (photocopy) and distribute notes	13 to 17/note/site (old sites), 34/note (new sites)	LO	FEB to MAY

2 3 1 2 Activity 7 Extension Support Material

Introduction/Justification

This activity will help the FTs to employ methods for pursuing the implementation of the Project's strategy, which is empowering villagers in the management of natural resources. The support material will contribute to villager education and awareness raising and will, in turn, help to change adverse behaviour regarding forest resources. The specific goal of the activity is to facilitate the FTs' work during extension campaigns.

Targets

The local population (villagers) around the FRs

Steps/Tasks	Person(s) Responsible	Period
Send note to FTs asking them to send site/work photos (with commentary) taken in 1999 to CO staff	CMO	JAN
Send suggestions for extension support materials to CO staff	FTs, PBMs	JAN to MAY
Produce extension support materials	CMO	JUN, JUL
Organise extension events (identify themes, targets, etc)	FTs	JAN to DEC
Produce extension materials for, or otherwise support these events	CMO	JAN to DEC

2 4 Objective

To improve the standard of living of the villagers through improved management of the Forest Reserves and the zones surrounding them.

2 4 1 Expected Result

Local people gain increased benefits from the forests and the zones that surround them.

2 4 1 1 Activity 8 Support for Development Projects

Introduction/Justification

At the same time entry point into local communities, accompanying or support measure for rational natural resources management, and alternative aiming at reducing pressures on these resources, the implementation of local development projects constitutes a major, even crucial, activity for participatory forest management. The internal evaluation team, recognizing these facts, strongly recommended the rapid implementation of these small development projects, which will also help to empower the FTs and PBMs at a decentralized level. The CO staff will thus put an accent on decentralization without neglecting the support and monitoring necessary for attaining the general objectives of this activity, which include monitoring the management of allocated funds, surveying small project progress, and assuring that the various parties involved respect their obligations.

Targets

All SIDPs and MIDPs at the Project field sites

Steps/Tasks	Person(s) Responsible	Period
Conduct a workshop on SIDPs and administrative and financial Project procedures	CO Staff	MAR, AVR
Study/analyse SIDP and MIDP dossiers	CO Staff	JAN to DEC
Submit project proposals to other organisations for financing and/or partnership establishment	CO Staff	JAN to DEC
Field visits for small project implementation monitoring	CO Staff	JAN to DEC

Support Activities

2 5 Activity 9 Planning, Reports and Monitoring

Introduction/Justification

CO staff are required to write up and submit bi-annual technical and financial reports to both WWF-International (based in Gland, Switzerland) and the FSU project donor as well as quarterly financial reports to WWF-International. Similarly, an AWP accompanied by an annual budget, must be submitted to the donor by 15 October of each year.

Likewise, one of the principal roles of the COTT is technical support for the FTs and the Project branch offices. In order to play this role, COTT members monitor activities at the field-level and at the branch offices. Generally, this oversight helps to place their work in relation to the AWP as well as to verify various hypotheses concerning project activities. Additionally, activity monitoring allows for discussions about the project with the FT, other FAs (such as the *CEF* and *TEF* Directors), local partners such as government officials (*Commune* Mayors and Counsellors), and villagers and association representatives. Thus, this activity facilitates communication and cohesion among the different project stakeholders as well as sharing local and regional experiences. During field trips in 2000, CO staff will pay special attention to collaborating with local MWF agents, insuring that they are involved in Project activities.

Steps/Tasks	Person(s) Responsible	Period	Targets
Gather information on Project activities	NC, TA, COAT	JAN to MAR, JUN to AUG, DEC	CO Staff reports
Write up, send technical and financial reports	TA, COAT	JAN, FEB, APR, JUL, AUG, OCT	Donor, WWF-International
Support for budget establishment and quarterly planning	COAT	NOV, DEC 1999	FTs, PBM, <i>CIREFs</i> , <i>CEFs</i>

Steps/Tasks	Person(s) Responsible	Period	Targets
Quarterly planning and budget establishment	FTs, PBMS	JAN, APR, JUL, OCT	FTs, CO Staff
Prepare for AWP (analysis, questions, guidelines for FTs)	CO Staff, FTs	AUG, SEP	FTs
Participate in AWP working sessions at each site	CO Staff	SEP	FTs, CO Staff
Produce 7 AWP (6 sites and CO Staff) and annual budget	CO Staff, FTs	SEP, OCT	7 AWP, Donors
Translation and submission of AWP	TA	OCT	-"-
Monthly meetings (TAMs ¹⁵)	CO Staff	JAN to DEC	entire CO Staff
Technical field visits	COTT	JAN to DEC	FTs and CO Staff, 12 visits (2/site) ¹⁶
Review and revise M&E system	COTT, FTs	JAN to APR	FTs, CO Staff, 20 to 25 indicators retained
Informal evaluations of FSU Agents and NPAs	COTT	JAN to DEC	<i>CIREFs</i> , formal field agent evaluations

2.6 Activity 10 Steering Committee Meetings

Introduction/Justification

The steering committee for the Project meets twice a year in order to monitor project progress, analyse its general orientation, and furnish new guidelines if need be (n b this activity is stipulated in the contract signed by WWF-Madagascar and the donor) The committee is chaired by a representative from the MWF, other members include the Project's National Director and Technical Advisor, a representative from the WWF-Madagascar Programme Office (MPO) and a representative from the donor As in past years, it is likely that the donor representative will only be able to come to Madagascar for one meeting For the other meeting, she will give her input regarding the meeting's agenda via e-mail

Targets

Two meetings during JUN and OCT

¹⁵Based on an old CO Staff tradition, these meetings usually take place on Tuesday afternoons and are known as Tuesday Afternoon Meetings or TAMs

¹⁶Given various obligations (familial, for WWF-Madagascar, etc) in Antananarivo, the 5 members of the COTT will try to organise these trips so that each member makes 8 trips maximum during the year

Steps/Tasks	Person(s) Responsible	Period
Prepare for meetings agenda, invitations, etc	CO Staff	MAY and SEP
Conduct the meetings	DGEF, DGDRF, CO Staff	JUN and OCT

27 Activity 11 Administrative and Financial Management

Introduction/Justification

This activity is necessary to assure the donor of the sound use of the Project's resources. This will include an analysis of the funds allocated for each activity which, in turn, facilitates evaluation of the Project's progress and the effectiveness and efficiency of resource utilization. Implementation of audit recommendations also allows the Project's managers to rectify the weaknesses in the Project's management system, which will lead to improved realization of Project activities. In 2000, quarterly budgets will be furnished by the Project's branch offices, enabling the COAT to allocate the funds necessary for Project implementation and advancement at the field level.

Goal

To establish an administrative and financial management system suitably adapted to the realization of the Project's objectives.

Expected Results

- Assure that Project resources are used to attain/realize the objectives established in accord with the donor, Project branch offices obtain resources that correspond to the realities and needs at the field level, and Project branch offices rationally and efficiently manage resources (human, financial, material) that are allocated to them.
- Identify weaknesses in the Project's management system, produce recommendations that promote effective management of the entire Project (CO and branch offices).

Steps/Tasks	Person(s) Responsible	Targets	Period
<i>Set up administrative and financial systems in new Project branches</i>			
Post/transfer agents	COAT	2 new sites	DEC 99, JAN*
Open bank accounts	COAT	2 new branches	JAN*
<i>Quarterly budgets for field sites/Project branches</i>			
List field activities	FTs	2 new Project branches	JAN, FEB*
Enumerate budget elements for the various activities	CO Staff, FTs	-"-	JAN, FEB*
Devise budgets for activities	CO Staff, FTs	-"-	JAN, FEB*

(continued)

Steps/Tasks	Person(s) Responsible	Targets	Period
Improve administrative procedures (budget establishment, disbursement of funds, financial reports, etc)	COAT	6 Project branches	JAN to DEC
<i>External audit</i>			
Analysis and application of recommendations from the 1999 fiscal year audit	COAT, WWF-MPO	CO Staff	Through JAN 2000
FY 2000 audit of WWF MPO	WW-MPO, Auditors	CO Staff, 1 Project branch	JUL, AUG
External Project audit	Auditors	CO Staff, 2 Project branches	APR
<i>Internal Audits</i>			
Monitoring of the recommendation of the internal audit for FY 99	COAT	6 Project branches	SEP, OCT
Administrative and financial audits of Project branch offices finances, personnel and logistics	COAT	6 Project branches	SEP, OCT

*This is a best case scenario that assumes that the donor will formally approve the Project's expansion initiative in October or November of 1999

2 8 Activity 12 Personnel Evaluations

Introduction/Justification

Personnel evaluations allow each employee and her/his supervisors to monitor the employee's progress and to evaluate her/his impact on the accomplishment of the project's objectives. Additionally, they permit the employee to express her/his needs and perceived potential problems and to receive feedback from her/his supervisors. Personnel evaluations have a goal of motivating employees and helping them set work objectives as well as reviewing their program of the past year. They are done in the spirit of improving the employee's work, but not judging it. The specific goals of this activity are to improve the performance and the professional behaviour of the DFN programme's personnel and to recognize the positive aspects of each employee.

Target

All Project personnel

Steps/Tasks	Person(s) Responsible	Period
Procedural note to branch offices (<i>CIREFs</i>) requesting transmission of individual agent grades (evaluations) for the period JAN-DEC 1999	Personnel Officer (PO)	JAN
Fill out self-evaluation forms for the period JUL 1999 to JUN 2000	CO Staff	JUN
Evaluation interviews	ND, TA, NC Programme Administrator (PA), PO	AUG
Send individual agent grades (evaluations) for the period JAN to DEC 1999	Project branch offices	MAY
Communicate evaluation results	ND, PA, PO	SEP

2 9 Activity 13 Equipment/Materials Procurement

Introduction/Justification

This activity is required for the coherent development of the project. Specific goals include furnishing FT members with adequate equipment that will facilitate achievement of project activities. Additionally, the procurement of equipment for SIDPs and MIDPs helps establish confidence between local communities and the FTs. Expected results of this activity include improving the motivation and confidence of the field agents with regard to carrying out their respective functions, increasing the empowerment of MCOM members in equipment management, and improving relations between the villagers and the FT members.

Steps/Tasks	Person(s) Responsible	Targets	Period
Send material status reports	PBMs	COAT	JAN, APR, JUL, OCT
Compile material status reports	LO	COAT	FEB, MAY, AUG, NOV
Research and note prices of various materials	LO, Storeroom Manager (SM)	Materials, FTs	-"
<i>Procure materials</i>			
Transportation equipment	LO, SM	8 motorcycles, 20 bicycles, 1 Land Rover	1 st semester
Camping equipment	LO, SM	FTs	FEB, MAR, JUN, JUL, SEP, OCT, DEC
Diverse technical materials*	-"	FTs	-"

(continued)

Steps/Tasks	Person(s) Responsible	Targets	Period
Parts for, Land Rovers	-"-	CO Staff	-"-
Parts for motorcycles	-"-	FTs	MAR, JUN, SEP, DEC
Parts for bicycles	-"-	FTs	-"-
Office materials	-"-	CO Staff	-"-
<i>Distribute materials</i>			
Transportation equipment	-"-	New sites	APR to SEP
Camping equipment	-"-	FTs	JAN, APR, MAY, JUL, AUG, OCT, NOV
Diverse technical materials	-"-	FTs	-"-
Parts for, Land Rovers	-"-	CO Staff	-"-
Parts for motorcycles	-"-	FTs	-"-
Parts for bicycles	-"-	FTs	-"-
Office materials	-"-	CO Staff	-"-
<i>Construction of Office/Lodging buildings for two new sites</i>			
Establish contract/SOW	COAT	1 SOW	JAN to DEC
Contract submissions/offers	Contractors	2 office buildings	"
Choose contractors	COAT, CIREF	"	"
Establish final contract	"	"	"
Building construction	Contractors	"	"
Official recognition of contract's end	COAT, CIREF	"	"
Purchase office furniture	"	"	"

*this will include additional GPS units for all sites and forest inventory materials for Andravory and the new sites

3 New Activities

Activities Directly Linked to Logical Framework

3 1 Objective

To implement the process of Participatory Forest Management

3 1 1 Expected Result

The status and evolution of the forestry potential of the project sites are known

3 1 1 1 Activity 14 Project Start-up at two New Sites

Introduction/Justification

In the FSU Project design document, expansion into four new sites was planned two years after start-up (given that the 2-year evaluation was positive) This evaluation took place in May and June 1999 and the results were, in general, positive However, due to the challenge of monitoring and supporting various sites scattered throughout the country from Antananarivo, the evaluation team recommended expansion into two instead of four sites One of the principal reasons cited for this expansion was to increase Malagasy experience in the PFM approach (this recommendation was supported by the MWF during the steering committee meeting with the donor in June 1999) Negotiations are ongoing with the donor with regard to Project expansion Initial indications are that the donor will approve the proposed expansion (See Activity 1 for other steps/tasks associated with Project expansion)

Steps/Tasks	Person(s) Responsible	Period	Targets
Introduce FTs to local authorities	CO Staff, <i>CIREF</i>	JAN, FEB	2 FTs, Local Authorities
Furnish basic materials	COAT, LO	JAN to MAR	Motorcycles, Bicycles, Camping materials
Conduct exploratory PRAs, awareness raising campaigns and hikes in forest	FT	JAN to MAR	Villagers, Sites
Formulate temporary AWP	FT, CO Staff	APR	2 AWPs, FTs, CO Staff, Donor
Formulate 2001 AWP	FT, CO Staff	SEP	-"-
COTT field visits, explanations of Project's vision and strategy	COTT	to program in DEC 1999	2 trips/site
Construct site office/lodging building	COAT, LO, PBM, <i>CIREF</i>	JAN to DEC	2 office/lodging buildings

3 1 2 Expected Result

Villagers are able to work together for the management of Village Forests (VFs)

3 1 2 1 Activity 15 Support for Village Associations and Groups

(this activity also contributes to the fulfilment of O4 and ER14)

Introduction /Justification

This activity is necessary for promoting community spirit, indispensable for the PFM approach. In the beginning, the Project encouraged the emergence of villager interest groups (such as youth, women's and woodcutter groups), with the objective being to help them develop activities linked to the rational and sustainable natural resources use. However, as these groups have become part of larger, village-wide associations, this activity will focus on supporting and rendering these latter institutions operational. In 2000, particular attention will be paid to women's groups and village associations that have signed forest management contracts with the State.

Goal

To increase local participation in activities linked to rational and sustainable natural resources use.

Targets

Women's groups affiliated with village-wide Associations, village-wide Associations

Steps/Tasks	Person(s) Responsible	Targets	Period
Reinforce the capacity of the FT to furnish support and give counsel to village associations and groups	CMO, TO, NC, Assistant National Coordinator (ANC)	6 FT	JAN to DEC
Field visits and discussions with village groups and associations	CMO	6 sites	JAN to DEC
Formulate SOW and contract (for trainer), organize trainings on socio-organisational techniques/themes	COTT, LO	1 to 2 themes/site	APR, MAY
Logistical organisation for representatives of women's groups to attend trainings/workshops outside of sites	COTT, LO	6 sites	MAY to DEC
Determine resources (financial or material) to allocate to associations or groups for participation in fairs, expositions, or similar events	CO Staff	4 original sites	MAR to NOV

3 1 3 Expected Result

The management plans for the FRs and VFs are implemented

2 3 Activity 16 Environmental Impact Study

Introduction/Justification

One of the long-term objectives of the Project is to attain the independent certification of forest management operations (and the products derived from this management) at each site. In order to

achieve this goal, an environmental impact study (EIS) of the forest management operations of each site and even at the level of VFs is necessary. The COTT would, thus, like to initiate this EIS activity starting with a training of the Foresters on its staff in the EIS methodology. After the training, EISs would be conducted at sites where VF harvesting has started or is due to take place.

Targets

COTT, VFs

Steps/Tasks	Person(s) Responsible	Period
Identify trainer or training centre	CO Staff	OCT, NOV 99
Participate in training	COTT	JAN to MAR
Conduct EISs at sites	COTT	APR to SEP

3 2 Objective

To improve the standard of living of the villagers through improved management of the Forest Reserves and the zones surrounding them.

3 2 1 Expected Result

Local people gain increased benefits from the forests and the zones that surround them.

3 2 1 1 Activity 17 In-depth Studies on Secondary Forest Products

Introduction/Justification

Forestry resources include timber and non-timber products. It is thus critical that the Project increases its knowledge of these secondary products so that it can inform village associations of the potential of the natural forests that they are destined to manage. Since the studies necessary to gain this knowledge will focus on specific products and will require full-time work, they will be conducted by students, interns or research institutions.

Goal

To add value to the economic potential of the Project's natural forests in order to attain rational and sustainable management.

Targets

Four studies (1/site)

Steps/Tasks	Person(s) Responsible	Targets	Period
Identify/choose study themes for each site	COTT, FTs	1 theme/site	JAN, FEB
Contact with Universities, research institutions, etc , and formulation of collaboration agreements	ND, COTT	4 studies	FEB to APR

Steps/Tasks	Person(s) Responsible	Targets	Period
Logistical organisation for the students/researchers slated to conduct studies	COAT, LO	1 study/site	APR to SEP
Meetings with supervisors from Universities, etc , and students/researchers	COTT	2 meetings/ study	JUN to DEC

4 Involvement of Personnel

The principal staff needed during 2000 for this work plan are the 6 FTs as well as DFN Central Office employees in Antananarivo. As the Project will expand from 4 to 6 sites in 2000, several new staff will be added to the COTT: an Assistant National Coordinator, a Communications Officer, and an M&E/GIS Officer. Except for vacation time, the FTs are expected to work full-time on the project. It is estimated that CO staff will spend approximately 75% of their time on the FSU project. Altogether, this represents approximately 1000 person/months. It is expected that the *Chefs de Cantonnement des Eaux et Forêts* at TGK, ASK and ADV as well as the *Chef de Triage des Eaux et Forêts* at TLG (as well as the two local MWF agents at the two new sites) will work on project activities part-time. Additionally, project personnel at the 4 decentralized office sites (Project branch offices) will devote a large part of their time to project administration and SIDP/MIDP implementation. The 4 to 6 *CIREF* Directors will also spend part of their time on project activities.

5 Financing Needs

Please refer to section 9 below for an idea of the funds and resources needed during 2000. The only income anticipated during this period is interest generated in the project's local currency account (Activity MG000502). See budget tables in section 9 for more details.

6 Equipment and Materials

The major equipment purchases foreseen for 1999 include

- ▶ materials for SIDPs and MIDPs,
- ▶ 1 Land Rover, 20 Mountain Bikes, and 8 Motorcycles,
- ▶ supplemental forestry and camping equipment for the 4 original sites,
- ▶ basic camping and forestry equipment for 2 new sites, and
- ▶ office furniture for the 2 new site offices

7 Risks

Many of the risks and challenges outlined in the January-June 1999 semester report are still valid. The major challenges are outlined in section 8 below. Generally, the largest risk with which the project is confronted is that the PFM and *GÉLOSE* processes are new in Madagascar. In many ways, the project can be viewed as an experiment to test the feasibility of these approaches. Additionally, many MWF FAs remain unconvinced regarding their validity. New local institutions also pose a risk as it remains to be seen if the villagers will be committed to them. The MCOMs and several woodcutter interest groups are examples of these new institutions.

Another risk is linked to the problems the Project has experienced in implementing SIDPs and MIDPs. These initiatives are critical for the establishment of a solid working relationship between the FTs and the villagers. The CO Staff are confident that the recommendations made during the 2-year evaluation will lead to accelerated implementation of SIDPs and MIDPs. If not, the risk is that the villagers will become disenchanted with the Project and that progress in PFM will become difficult.

A minor risk, indirectly related to the FSU Project, concerns equipment for the NPAs. This equipment is covered under the NPA project budget (USAID funding). Currently, USAID is in conflict with the Malagasy government concerning taxes on equipment purchased for USAID projects, because of this, the process for making purchases has become somewhat complicated and slow. The risk to the FSU Project is that the NPAs, who make up the majority of the FTs, will become discouraged due to a lack of equipment.

8 Perspective

There are many difficult tasks to be undertaken by the project in the next few years. The major challenge is convincing villagers, who normally practice slash and burn agriculture, of the value of the forest resource, and, subsequently, assuring their participation in sustainable forest harvesting, conservation, and management. At Antsiraka, the challenge is to overcome illegal cutting for timber in the FR and to implement sustainable forest management practices. Linked to this situation at Antsiraka is the challenge of finding alternative income sources for the hundreds of woodcutters who are currently decimating the FR. It is clear that the remaining forest resource cannot sustain all of them.

Another challenge involves the Project's sustainability at the MWF level (i.e., assuring that the MWF can continue Project activities after the Project ends). Again, recommendations made during the 2-year internal evaluation should partly address this problem. The CO Staff is acutely aware of this challenge and will be continually searching for solutions during 2000. Finally, the challenge of quickly implementing SIDPs/MIDPs was mentioned in section 7 above.

Targets for the major project activities of forest management have been adjusted from the original draft Project strategy document. According to the revised document, after three years of Project implementation at the field level (i.e., by June 2000)

- ▶ 25 to 30 VFs will have been demarcated and inventoried,
- ▶ 20 to 25 VF management plans will have been devised, and that
- ▶ 15 to 20 *dina* and management agreements will have been formulated and signed.

Based on another year of experience at the field level since the Project's strategy was revised, it now appears that these numbers are somewhat optimistic and should be scaled back by 25% (note these numbers do not take the two new sites into account).

The long-term result will be MPs for the entire FRs and sustainable, community-based forest management. At the two smaller project sites (Tolongoina and Antsiraka), the draft MP for the entire FRs should be ready by the end of the fourth year of the project at the field level. Other major project activities that will be developed and will be ongoing during the first four years include SIDPs, environmental extension and education, establishment and support of various village-level committees and associations, boundary marking of the six forests, and data collection for the M&E system.

9 Budget

After the following explanatory notes regarding selected line items, the 2000 Project budget appears in 10 pages of tables (N B The tables contain budgets for the remainder of the project, please refer to the column 2000 in each table for the 2000 budget)

Explanatory notes for Activity MG000501

BASIC ASSUMPTIONS

Inflation rate 5%

WWF Staff - Not Paid locally

Includes salaries and social benefits for the Technical Advisor

WWF Staff - Hiring and Relocation Costs

This line covers the Technical Advisor relocation costs at the beginning and at the end of his contract

Travel Meetings & Training Costs

2 projects agents attend international meetings (20 days including travel) once a year

Office Running Costs

Provides the Central Office and each Unit with \$500/year for office supplies Also includes bank charges for the banks in Gland and Madagascar

Capital Asset Costs

Office Equipment includes partial replacements of office equipment and new office equipment for the two new sites

Field Equipment includes camping gear and other field equipment for the two new sites

Vehicles 1 Land Rover, 8 motorcycles and 20 bicycles for the Central Office and the two new sites

Explanatory notes for Activity MG000502

500/1 WWF Staff-Paid locally

Includes salaries, taxes and social charges (18 5% of gross salaries) for the National Coordinator and the Accountant based on the WWF salary scale and 45% of salaries, taxes and social charges for the Debt-for-Nature CO staff

507 Costs of Non-WWF Personnel

Includes salaries, taxes and social charges (31% of gross salaries) for the 12 FSU Agents based on the WWF salary scale

51 Third Party Fees

Technical professional fees covers fees for trainers for the following items Environmental Impact Study (EIS)

52 Conservation Funding to Non-WWF entities

This line includes the funding of small development projects and also covers all field activities (VF inventories, harvest plot marking, etc)

53 Travel, Meetings and Training Costs (CO staff)

Travel Costs include

- annual internal audits of fields offices
- site visits for elaboration of management plans, monitoring of small projects, and establishment of management contracts

Meetings this line covers meeting room rental, room and board during the working sessions for the formulation of the 2000 AWP's and the meetings to be held with the MWF decentralized agents

Training & Workshop for WWF Staff covers training for CO Staff (EIS)

Training & Workshop for Others includes field agent trainings for the two themes identified for 2000 as well as the inter-village visits

56 Office Running Costs

Provides each field office with 2,000,000 FMG/year for building repairs and maintenance

57 Field Running Costs

Running Costs - Vehicles Fuel/Repairs & Spare Parts/Insurance calculated for 20 motorcycles and 2 Land Rovers

Other Field Costs - Accommodation Provides per diem for FSU agents and for the local MWF agents

58 Capital Asset Costs

Includes office/lodging buildings as well as office furniture for the two new sites

PACR

7% of Annual Expenditure to cover support from the WWF-Madagascar Program Office