

A.I.D. EVALUATION SUMMARY PART I

PD-ABE-292

72695

(BEFORE FILLING OUT THIS FORM, READ THE ATTACHED INSTRUCTIONS)

IDENTIFICATION DATA

A. REPORTING A.I.D. UNIT: <u>USAID/Pakistan</u> (Mission or AID/W Office) (ES# <u>91-2</u>)	B. WAS EVALUATION SCHEDULED IN CURRENT FY ANNUAL EVALUATION PLAN? yes <input checked="" type="checkbox"/> slipped <input type="checkbox"/> ad hoc <input type="checkbox"/> Eval. Plan Submission Date: FY <u> </u> Q <u> </u>	C. EVALUATION TIMING Interim <input checked="" type="checkbox"/> final <input type="checkbox"/> ex post <input type="checkbox"/> other <input type="checkbox"/>			
D. ACTIVITY OR ACTIVITIES EVALUATED (List the following information for project(s) or program(s) evaluated; if not applicable, list title and date of the evaluation report)					
Project #	Project/Program Title (or title & date of evaluation report)	First PROAG or equivalent (FY)	Most recent PACD (mo/yr)	Planned LOP Cost ('000)	Amount Obligated to Date ('000)
391-0481	Forestry Planning & Development	1983	08/93	Phase-I 25,000	27,500
				Phase-II 10,000	

ACTIONS

E. ACTION DECISIONS APPROVED BY MISSION OR AID/W OFFICE DIRECTOR	Name of officer responsible for Action	Date Action to be Completed
Action(s) Required		
1. Strengthen institutional capacity		
a) Adjust TA Team work load to expeditiously implement research, in-country training for NGOs, and extension/marketing activities.	Charles Hatch Chief of Party	12/91
b) Activate Database Cell to be attached to Office of Inspector General Forests as soon as possible.	Abeedullah Jan I.G. Forests Charles Hatch	Done
c) Establish a Forest Service program supported by the involvement of PVO/NGOs to transfer Farm Forest Technology	Abeedullah Jan K.Hameedullah	12/92
d) Implement the NGO/PVO activity as required in the Project Paper and PC-1.	K. Hameedullah USAID Project Officer Abeedullah Jan	12/92
e) Involve Provincial Administration in the Project implementation process so that project goals can be accomplished.	Abeedullah Jan Charles Hatch K. Hameedullah	Done

Contd.....P/7

(Attach extra sheet if necessary)

APPROVALS

F. DATE OF MISSION OR AID/W OFFICE REVIEW OF EVALUATION: mo <u>6</u> day <u>25</u> yr <u>1991</u>			
G. APPROVALS OF EVALUATION SUMMARY AND ACTION DECISIONS:			
Project/Program Officer Signature <u>[Signature]</u> Typed Name <u>K. Hameedullah</u> Date: <u>Oct 23, 1991</u>	Representative of Borrower/Grantee Signature <u>[Signature]</u> Typed Name <u>Abeedullah Jan</u> Date: <u>10/24/91</u>	Evaluation Officer Signature <u>[Signature]</u> Typed Name <u>Tanvir A. Khan</u> Date: <u>10-24-91</u>	Mission or AID/W Office Director Signature <u>[Signature]</u> Typed Name <u>James A. Norris</u> Date: <u>10/24/91</u>

24.10.91

H. EVALUATION ABSTRACT (do not exceed the space provided)

ABSTRACT

Background: This second midterm evaluation was completed in July 1991, i.e. eight years after the project first started. The primary goal is to help Pakistan increase its energy supplies to achieve energy self-sufficiency. The secondary goal is to reverse the process of deforestation in Pakistan and to expand the extremely limited forest resource base. The primary purpose is to strengthen the capacity of institutions at the Federal, Provincial, and local levels. The secondary purpose is to demonstrate the economic, technical, and social feasibility of producing tree crops on privately owned farm and rangeland.

Findings: The Evaluation concluded that the farm forest program has been successful and people are planting trees, often on land converted from agriculture. Implementation of the private sector field nursery and plantation activity is successful as is the out-of-country training. The Data Base Cell, NGO, and Skardu area activities have not been implemented for want of timely approval of GOP PCI (the host country equivalent to a Project Paper). The in-country training program has been partially installed. There is no farm oriented research, as planned for in the project design. The strong emphasis on Eucalyptus trees diverges from PP strategy as does the orientation to large land holders. This is partially due to: (a) the fast growing characteristic of Euclyptus for early returns and (b) availability of more land with the larger land owners. However, smaller owners are also significant participants.

Lessons Learned: Establishing a sustainable information infrastructure required to meet project objectives takes years. This complex process has only had a real productive life of four years out of eight. It would need to be extended in order to put into place sustaining activities. Pressler restrictions, however, drastically limit the options.

- The project has become popular with farmers.
- From growing of trees for fuelwood, it has taken a turn towards marketing of wood in the private sector.
- Industrial users, particularly, have become interested in project activities.
- NGO/PVO involvement should result in increased activity on a sustained basis.
- Activities contribute to an overall environmental program and biodiversity improvement.

Evaluators have felt that:

- Efforts towards sustainability activities need to be made - by extending the life of project to the extent permissible.
- More training programs developed for farmers are needed.
- Farmer-oriented research is needed, the findings of which are adopted.

I. EVALUATION COSTS

COSTS

1. Evaluation Team

Name	Affiliation	Contract Number OR TDY Person Days	Contract Cost OR TDY Cost (US\$)	Source of Funds
Merve Stevens	TR&D, Inc.			
A. Hammett	"	PDC-5517-I-00-0105-00	112,803	FP&D (391-0481)
Dan Minnick	"			
Barry Mitchie	"			
K.G. Yasin	"			

2. Mission/Office Professional Staff Person-Days (estimate) 10

3. Borrower/Grantee Professional Staff Person-Days (estimate) 10

A.I.D. EVALUATION SUMMARY PART II

I. SUMMARY OF EVALUATION FINDINGS, CONCLUSIONS AND RECOMMENDATIONS (Try not to exceed the 3 pages provided)

Address the following items:

- Purpose of activity(ies) evaluated
- Purpose of evaluation and Methodology used
- Findings and conclusions (relate to questions)
- Principal recommendations
- Lessons learned

Mission or Office: USAID/Pakistan

Date this summary prepared: 09/29/91

Title and Date of Full Evaluation Report: Forestry Planning & Development Project (391-0481) - Mid-term Evaluation August 1991

1. Purpose of Activity Evaluated

The primary goal is to help Pakistan increase its energy supplies to achieve energy self-sufficiency. The secondary goal is to reverse the process of deforestation in Pakistan and to expand the extremely limited forest resource base. The primary purpose is to strengthen the capacity of institutions at the Federal, Provincial, and local levels to design implement, and evaluate policies and programs increasing the production of fuel wood and timber in Pakistan. The secondary purpose is to demonstrate the economic, technical, and social feasibility of producing tree crops on privately owned farm and rangeland. The PP amendment added: new areas in the provinces, irrigated areas, increased Women in Development (WID) activity, NGO/PVO operations, Data Base Cell, Soil Conservation, additional training, additional GOP support, additional commodities and additional Technical Assistance Team (TAT) effort.

2. Purpose of Evaluation

This was the second mid-term evaluation; the first was September 1987. There were five people on the team. The purpose is to provide GOP and USAID/ Islamabad an external evaluation of the Project as a means of assessing progress toward attaining project purposes as well as providing guidance for increased project effectiveness in meeting stated goals within project life.

The Team reviewed the 1987 mid-term evaluation, reviewed on-going program/ activities, reviewed documents, visited every province, examined a cross section of activities, interviewed about 150 people from the farmer-on-up and looked to the future. The findings were discussed with USAID, GOP, and the TAT.

3. Findings and Conclusions

The evaluation finds farm forestry practices are being adopted and the concept of private nurseries has been accepted, farm forestry practices are spreading to areas outside the project domain and seedlings are being sought after, the TAT has given foundation to a management infrastructure, but has not put in place the Data Base Cell, NGO/PVO operation, farmer oriented research, research demonstration nurseries, etc. In general, environmental issues have been addressed, but the project diverged from the PP by emphasis on eucalyptus trees and not adopting activity on rangeland. The in-country training program is weak and too scattered with events academically oriented, rather than focusing on a holistic approach. Basically out of country returnees are not utilized in training others. Forest policy development is in progress, supported in part by the 1989 policy seminar. The Forestry Sector Master Plan supported by the Asian Development Bank (ADB) and the Food and Agriculture Organization (FAO) has been designated to lead policy formation. The budget allocated to the project is adequate, but the amount denoted to farm forestry outside of the project is limited/unknown. However, ADB will be starting a \$40,000,000 project with a major forestry

SUMMARY

component shortly; building upon this project, at the request of USAID/Islamabad the team looked to the future and recommends a follow-on activity using unspent funds; the effectiveness of GOP/Provincial government support is constrained due to staffing and budget restrictions. Overall the project is addressing the economic and environmental issues.

4. Principal Recommendations

Attached is the listing of the Team's recommendations tied to the two purposes of the project. Particularly significant are the recommendations addressing the need of TAT to adjust its workload to be more effective, activate the Data Base Cell, establish the NGO program and establish a technology transfer program. Supporting this direction is the need to focus on an in-country training program that reinforces post training. The recommendation to prepare an action plan outlining what is to be done between now and August 1993 is important. The recommendation to prepare a proposed follow-on project is clearly not implementable given existing Pressler restrictions..

5. Lessons Learned

A 10-year program must be flexible. This project diverged from its original specie choice and emphasized eucalyptus which proved to have positive results in getting farmers involved. However, the project now faces the issue of what to do about marketing and harvesting a mono-culture. This issue and the supporting activities such as NGO's, Data Base Cell, training in-country and research-technology transfer and how they are instituted will, no doubt, determine whether-or-not the project approach is successful. The long term effort to develop an infrastructure to support people's participation in forestry development will disappear to a major extent if the key recommendations are not attended to and efforts towards achieving sustainability not continued.

Recommendations

Recommendations are made related to the project purposes given in the amended Project Paper and PC-1 (the GOP version of a Project Paper).

I. Strengthened Institutional Capacity

- A. Adjust the TAT workload to expeditiously implement research, NGO, in-country training and extension/marketing activities.
- B. Activate the Database Cell to be attached to the O/IGF as soon as possible.
- C. Establish a Forest Service program to transfer Farm Forest Technology supported by the involvement of PVO/NGO's.
- D. Implement the PVO/NGO activity as required in the Project Paper and PC-1 as soon as possible.
- E. Involve provincial administration in the project decision making process so that project goals can be accomplished.
- F. Hold Project Coordination Committee meetings as described in the PC-1 and PP on a regular and scheduled basis.

- G. GOP direct provincial forestry department to assign suitable staff on full-time basis for sustaining social forestry project activities.
- H. Give assistance to Technical Forestry schools in all provinces, concentrating on instructional and communications media.
- I. Collaborate with the Forestry sector Master Plan Project and other donors in the formulation of farm forestry policy at both the federal and provincial levels.

II. Demonstrate Tree Crop Feasibility on Privately Owned Land and Range Land.

- A. Accelerate the effort, based on the project's nursery strategy, that plans and assists plantation owners/tree farmers to establish, harvest, and market nursery and timber products.
- B. Focus in-country training on farmer and in-service staff at all levels and as a part of a comprehensive program.
- C. Develop courseware to support and document completed training sessions and the comprehensive program in recommendation II-B.
- D. Encourage increased knowledge of industry-government-farmer linkages and organizational collaboration, i.e., with PVO/NGO's, agricultural universities, and other donor organizations.
- E. Produce environmental guidances describing alternative production systems and species within the project area from on-farm applied research particularly on Barani (rainfed) lands.
- F. Concentrate research on specimen trials, establishment of seed orchards and the tree/crop livestock interaction.
- G. Encourage research in the establishment of improved existing small wood-based industries.

III. Future Direction

- A. Immediately develop a Comprehensive Project Plan of Action outlining activities and responsible person(s) through August 1993.
- B. Support a follow-on USAID funded project after August 1993 oriented to true Barani (rainfed) areas and help establish the harvesting and marketing mechanisms of present project plantations.

Recommendation B is not implementable under existing Pressler restrictions.

K. ATTACHMENTS (List attachments submitted with this Evaluation Summary; always attach copy of full evaluation report, even if one was submitted earlier)

ATTACHMENTS

1. Copy of the full Evaluation Report.

L. COMMENTS BY MISSION, AID/W OFFICE AND BORROWER/GRANTEE

The Evaluation Team on FP&D Project adhered to the Scope of Work, travelled to hold discussions with concerned Government functionaries as well as farmers, saw field activities and met with members of the Technical Assistance Team and Project staff. While the team found overall progress in the right direction, certain recommendations have been made with regard to training, greater coordination between center and provincial staff and attention towards development of linkages between farmer-industry, NGOs and donor agencies. The team has assessed the possible impact of continuation of the existing activity beyond the PACD. To ensure sustainability they have recommended continuation of activity with unused funds of USAID and GOP beyond August 1993, for a period for which these funds would suffice. GOP officials concurred in these recommendations. USAID has reservations, which are expressed below.

The Evaluation Team Report has laid certain guidelines for the TAT for remaining part of the project period. In general, there are no major differences on the patterns that need to be adopted to direct the activities towards a more useful and productive conclusion. Certain adjustments have been recommended which are acceptable. The Team made presentations to GOP and USAID at the end of the evaluation. The host country project personnel have indicated their concurrence in the recommendations.

Pressler Amendment Considerations

The evaluation team has recommended in strongest terms the design of a follow-on project to ensure that progress achieved under the present activity is sustained. The Mission agrees that this makes sense from a development perspective. However, Pressler precludes embarking on a new activity even with monies that have already been obligated. A no-cost PACD extension solely to complete on-going activities is another matter, is not what the team has recommended, and would be taken under advisement should such an extension become necessary.

Proposed project extension aside, the evaluation recommends implementation of activities that support the completion of the previously identified useful development units within Pressler Amendment parameters.

MISSION COMMENTS ON FULL REPORT

E. ACTION DECISIONS APPROVED BY MISSION OR/AID W
OFFICE DIRECTOR

Action(s) Required	Name of Officer responsible for Action	Date Action to be Completed
f) Enact Project Coordination Committee meetings as described in PC-I and PP on a regular and scheduled basis.	K. Hameedullah Abeedullah Jan	Planned To begin Sept., 91
g) GOP direct Provincial Forestry Department to assign suitable staff on full time basis for sustaining social forestry project activities.	Abeedullah Jan	12/92
h) Give assistance to technical forestry schools in all Provinces.	K. Hameedullah Abeedullah Jan	06/92
i) Collaborate with the Forestry Sector Master Plan Project and other donors in the formulation of farm forestry policy at both the Federal and provincial levels.	K. Hameedullah Abeedullah Jan	12/92
II. Demonstrate tree crop feasibility on privately owned land and range land		
a) Accelerate the effort, based on the project's nursery strategy that assists owners/tree farmers to establish, harvest and market nursery and timber products.	Abeedullah Jan Charles Hatch	12/92
b) Focus in-country training on farmer and in-service staff as part of a comprehensive training program.	Charles Hatch	06/92
c) Training materials and course materials should be developed to support and document completed training sessions and the comprehensive program.	Charles Hatch	03/92
d) Encourage increased farm forestry, participation, industry-government-farmer linkages and organizational collaboration, i.e. with PVO/NGO's, agricultural universities, and other donor organizations.	Abeedullah Jan Charles Hatch	03/92
e) Produce environmental guidelines describing alternative production systems and species within the Project area from on-farm applied research particularly on Barani lands, that can be used by farmers.	Abeedullah Jan Charles Hatch	06/92
f) Over the LOP, adaptive research should concentrate on species trials, establishment of seed orchards and the tree/crop livestock interaction.	Abeedullah Jan K.M. Siddiqui Charles Hatch	06/92

