



GLOBAL ENVIRONMENT FACILITY

**EVALUATION OF
EXPERIENCE WITH
CONSERVATION
TRUST FUNDS**

GEF SECRETARIAT
MONITORING AND EVALUATION TEAM
NOVEMBER 1998

TABLE OF CONTENTS

GLOSSARY OF ACRONYMS USED IN THE EVALUATION REPORT	IV
EXECUTIVE SUMMARY	V
I. INTRODUCTION AND BACKGROUND	1
II. SUMMARY OF FUNDS INCLUDED IN THE EVALUATION	3
III. FINDINGS AND CONCLUSIONS	5
A. ACCOMPLISHMENTS AND IMPACT TO DATE	5
B. CONSERVATION TRUST FUNDS ARE MORE THAN FINANCIAL MECHANISMS	10
C. GEF PROGRAM LINKAGES AND MEETING GEF CRITERIA	12
D. STRATEGIC AND NATIONAL CONTEXT	16
E. THE GOVERNANCE OF CONSERVATION TRUST FUNDS	22
F. PROGRAM MANAGEMENT	26
G. ASSET AND FINANCIAL MANAGEMENT	30
IV. CROSS-CUTTING CONCLUSIONS	36
A. ADVANTAGES AND CHALLENGES OF CONSERVATION TRUST FUNDS	36
B. CONDITIONS FOR SUCCESS	39
C. DECIDING BETWEEN TRUST FUNDS OR TRADITIONAL PROJECTS	41
V. IMPLICATIONS FOR GEF AND RECOMMENDATIONS	44
ANNEXES	49
ANNEX A: Terms of Reference	49
ANNEX B: List of Contacts	56
ANNEX C: Descriptions of Funds Analyzed	63
ANNEX D: Comparative Advantages of Different Types of Funds	73
ANNEX E: Bibliography	75

GLOSSARY OF ACRONYMS USED IN THE EVALUATION REPORT

BINP	Bwindi Impenetrable Forest National Park
CBD	Convention on Biological Diversity
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CONABIO	National Council for Knowledge and Use of Biodiversity (Mexico)
CTFANP	Technical Committee for the Natural Protected Areas Fund (Mexico)
EAI	Enterprise for the Americas Initiative
EFJ	Environmental Foundation of Jamaica
EU	European Union
FANP	Fund for Natural Protected Areas (Mexico)
FCG	Conservation Trust of Guatemala
FGV	Getulio Vargas Foundation (Brazil)
FMCN	Mexican Nature Conservation Fund
FOCADES	Central American Fund for Environment and Development
FONAMA	National Environment Fund (of Bolivia)
FONANPE	Fund for Natural Protected Areas Protected by the State (Peru)
FPE	Foundation for the Philippine Environment
FUNBIO	Brazilian Biodiversity Fund
GEF	Global Environment Facility
GEFSEC	Global Environment Fund Secretariat
GTZ	German Agency for Technical Cooperation
INRENA	Natural Resources Institute (Peru)
IPG	Inter-Agency Planning Group on Environmental Funds
IUCN	World Conservation Union
JCDT	Jamaica Conservation and Development Trust
JNPT	Jamaica National Parks Trust
LCSC	Local Community Steering Committee (Uganda)
MBIFCT	Mgahinga-Bwindi Impenetrable Forest Conservation Trust (Uganda)
MGNP	Mgahinga Gorilla National Park
M&E	Monitoring and evaluation
NEF	National Environment Fund
NGO	Non-Governmental Organization
OECD	Organization for Economic Cooperation and Development
PACT	Protected Areas Conservation Trust (Belize)
PIR	Project Implementation Review
PROBIO	Brazilian Biodiversity Project
PROFONANPE	The Peruvian organization responsible for FONANPE
QCBS	Quality and Cost-Based Selection
RGOB	Royal Government of Bhutan
SGP	GEF Small Grants Programme
TMF	Table Mountain Fund (South Africa)
TNC	The Nature Conservancy
UNDP	United Nations Development Program
UNEP	United Nations Environment Program
USAID	United States Agency for International Development
UWA	Uganda Wildlife Authority
WWF	World Wide Fund for Nature
WWF-SA	World Wide Fund for Nature – South Africa
WWF-US	World Wildlife Fund – United States

EXECUTIVE SUMMARY

The GEF has supported conservation trust funds in several countries as a means of providing long-term funding for biodiversity conservation. This evaluation was carried out by the GEF Secretariat's monitoring and evaluation unit in order to determine to what extent the potential advantages of these trust funds have been realized, how the concerns expressed about them have been addressed, what conditions appear to be necessary for funds to function effectively, and what can be said from the experience to date about their impact on conservation and sustainable use of biological diversity.

The evaluation team analyzed the experience of 13 funds in an attempt to distill lessons learned and make recommendations to the GEF regarding future assistance to conservation trust funds. The evaluation focused on GEF-supported funds, as well as six others selected to give the portfolio geographical balance, provide opportunities to analyze the relative advantages of funds of various sizes and types, and provide insights on particular aspects of interest, such as innovative funding mechanisms. It should be noted that the GEF experience to date is largely of trust funds implemented by the World Bank.

This report is addressed specifically to the GEF, responding to concerns raised by the GEF Council at its October 1996 meeting about the success of trust funds as a means to achieve GEF purposes, that is, to finance the incremental costs of protecting globally significant biodiversity resources. There may be instances where a conservation trust fund is not appropriate in the GEF context but may still be a useful mechanism to address national conservation objectives. That notwithstanding, it is important to bear in mind that the GEF is currently the major source of international funding available for the capitalization of trust funds.

The evaluation showed clearly that there is no "typical" conservation trust fund. The funds' structure, scope of activities, priorities, and procedures vary according to their purposes, and the situation of the country they serve. However, it was useful in analyzing the funds' experience to group them into two general categories. "Parks" funds support specific protected areas within a national protected areas system. (The majority of GEF-supported funds fall into this category.) "Grants" funds channel resources to target groups (typically NGOs and community-based organizations) for a broad range of conservation and sustainable development projects, and often include the development of civil society institutions among their objectives. These two types of funds tend to have significant differences in their relation to national strategies, in their governance structure, program management, and the ways and ease with which they meet GEF criteria. This is discussed in detail in Annex D.

SUMMARY OF FINDINGS AND CONCLUSIONS

The team found that conservation trust funds were often seen by their creators mainly as financial mechanisms that could take large amounts of money from debt swaps or international grants and “retail” them into smaller projects over long periods of time. Their boards of directors and staff reflected this emphasis. This indeed has been a major role played by the funds studied. But a key conclusion of the evaluation is that the overall success of conservation trust funds depends on their ability to participate in developing national conservation strategies, to work with other public and private agencies to develop agile and effective management approaches, and to nurture community groups and other organizations becoming involved in biodiversity conservation for the first time. To succeed, trust funds need the governance structures, staff, and technical support to allow them proactively to influence their environment, monitor their results and learn from experience, maintain credible and transparent procedures, and support participatory approaches to conservation and sustainable development.

The team found that trust funds have made impressive accomplishments in the areas of (a) supporting protected areas, including enabling the creation of new national parks, expansion of existing areas, and providing a basic “resource security” for their operations; (b) generating and managing financial resources; (c) enabling the participation of civil society institutions in resource conservation; (d) increasing the level of scientific research applied to conservation issues; and (e) increasing public awareness of conservation issues. Uncertainty remains, however, about trust funds’ ability to demonstrate long-term biodiversity conservation impact. In part, this is due to the difficulty of measuring biodiversity impact, and of attributing impact to a particular intervention, especially over the short term. It is also true that trust funds generate relatively small amounts of resources in relation to national conservation needs.

The two types of trust funds address these concerns in distinct ways. “Parks” funds have shown some ability to create a basic sense of “resource security” – the assurance that their basic operating costs and staff salaries will be covered – which, in turn, allows them to concentrate on conservation activities, attracting project funding, and collaboration with communities and interested organizations. Several “grants” funds have chosen a programmatic or geographic “niche” in which to focus their activities to achieve maximum impact.

The funds have generally met GEF criteria. Specifically,

- Most of the funds studied, and all of the GEF-supported funds, have focused their programs to achieve *global environmental benefits* in the GEF’s biodiversity focal area.
- All of the funds studied fit within GEF’s *operational programs*, usually supporting activities in several of the ecosystem types that define biodiversity operational programs (forest ecosystems, mountain ecosystems, arid ecosystems, freshwater and marine ecosystems).

- All of the funds studied are *country-driven* (i.e., governments and other sectors show strong commitments to fund objectives), reflect broad *public involvement and participation*, demonstrate *innovation*, and have *leveraged additional resources for global conservation*.
- Although the funds examined were largely Pilot Phase projects not subject to the *incremental cost criteria*, their programs illustrate ways that future funds can meet these criteria: in the case of protected areas, through up-front agreements on the percentage of support to be provided by the government and by the fund, and in the case of grants to NGOs and community-based organizations, through requirements for counterpart and matching contributions.

Trust funds have leveraged substantial additional funding for conservation. This has been true at the level of the fund itself – for example, the six GEF funds with operating experience have raised more than \$33 million in non-GEF contributions – and at the level of projects financed by the fund, which generally include substantial counterpart contributions by the recipient organizations. However, only one of the funds studied has met its objectives for raising additional *endowment* funding. Most of the money raised has been short-term project financing or 6-10 year sinking funds. This has important implications for the design of future trust funds, as discussed in the team’s recommendations. (See especially recommendations 5, 6, and 7.)

The majority of the funds studied were set up as non-governmental institutions with mixed public-private governing bodies. Non-governmental representatives on the governing body typically held the majority, with government often restricted to one or two seats. The team found several advantages of larger over smaller boards, in particular, the ability to establish working committees to deal with the diverse issues that funds must address: financial management, fundraising, technical oversight, etc. Also, governing boards whose members are elected in their personal capacity, as opposed to formal representation of organizations, agencies or sectors, tend to develop a stronger sense of “ownership” of the fund as an institution, and work more effectively to implement the fund’s mission. The more formally representative boards tend to see their role in terms of allocating resources among their various agencies and sectors. Few of them do an adequate job of reporting back to their constituencies and keeping them involved.

Most of the funds studied have been able to keep their operating (non-program) costs in the 20-25 percent range (and some below 20 percent). However, there has been no clear guidance from GEF or its implementing agencies on acceptable levels of operating costs, or the basis on which those costs are calculated. Most of the funds at the high end of the operating costs range were either (1) operating on such small endowment income that even minimal operating costs constituted a high percentage or (2) not segregating different types of costs. *Operating costs* include both costs of an administrative nature (project identification, selection, supervision) and the costs associated with funds’ roles as institutions (e.g., costs of board operations, fundraising, constituency building, participation in policy dialogue). However, funds also incur costs for *program support* such as technical assistance to grantees and *institution building* of

the fund itself (staff training, technical support for development of policies and procedures) that are not properly considered operating costs.

The GEF-supported funds have successfully applied an asset management and asset manager selection model developed by the World Bank. This includes development of investment guidelines that reflect a conservative risk strategy and portfolio diversification; competitive, international selection of experienced, professional asset managers; and regular, active oversight by the fund's board of directors of investment performance compared to standard benchmarks. The GEF-supported funds have generally established spending rules or practices that preserve capital over the long term by building cushions when returns are good for program support in times of market downturn.

The activities of all trust funds studied were consistent with national environmental or biodiversity strategies and/or action plans, and with the Convention on Biological Diversity. However, since the range of activities consistent with these broad guidelines is generally wide, it is difficult to imagine a trust fund supporting projects *outside* these frameworks. Trust funds in countries with participative strategies and planning processes generally had good links, while other trust funds had limited contact, often due to the planning process being inaccessible, stalled, overturned by a succeeding government, or otherwise of limited relevance.

Some countries have established a single, national trust fund; others, one or more trust funds of limited geographical or programmatic scope. Where there is a clear need and strong local support (Uganda, South Africa) the site-specific funds have been effective. In general, except in the largest countries, the team observed a limited pool of national talent available to be tapped for governance, asset management, and policy oversight, and a limited pool of potential financial supporters for whom multiple funds would compete. There appear to be significant advantages of scale in combining multiple purposes or "windows" in a single fund.

Finally, trust funds are only one of an array of financial mechanisms and institutional arrangements used to address biodiversity issues. The team identified key conditions *indicating* when a trust fund is likely to be the appropriate mechanism, and *influencing* the fund's ability to function as an institution and carry out its mission (Chapter IV). In particular, the team identified several factors that affect calculations of the "opportunity cost" of establishing a trust fund, and when other approaches might be more suitable (Box 10). It bears repeating, in conclusion, that *trust funds are more than financial mechanisms*, and are generally appropriate when the issue to be addressed is long-term in nature. Where threats to biodiversity are serious and immediate, and can be effectively addressed by the rapid mobilization of relatively large amounts of funding, traditional project funding may be more appropriate.

The recommendations arising from these findings and conclusions are summarized in Box 1.

Box 1: Recommendations**GEF FINANCING OF TRUST FUNDS**

GEF should continue to finance conservation trust funds when the necessary circumstances are met.

Four conditions are essential:

- The issue to be addressed requires a commitment of at least 10-15 years;
- There is active government support for a public-private sector mechanism outside direct government control;
- A critical mass of people from diverse sectors of society can work together to achieve biodiversity conservation and sustainable development; and
- There is a basic fabric of legal and financial practices and supporting institutions (including banking, auditing and contracting) in which people have confidence.

The initial capitalization, together with other resources available on a recurrent basis, should allow a meaningful program in the chosen area of focus, over a significant period, keeping operating costs within a range of 20-25%. Trust funds should not be created without commitments for this minimum amount of capital from the outset.

GEF support should be structured to provide incentives to encourage raising additional capital and assistance in developing innovative capitalization approaches.

GEF and its implementing agencies should explore ways in which they could provide resources to sustain partnerships with trust fund “graduates” beyond the supervision period.

DESIGN ISSUES

The concept of conservation trust funds as independent organizations that are more than financial mechanisms should be reflected in staffing patterns, governance structures, recruitment criteria for board members and staff, and technical support provided by outside donors and partners.

GEF projects supporting trust funds should make provision for training and technical assistance.

GEF support for recurrent costs of protected areas through “parks” funds should include a strategy for increasing other resources for these costs and seeking ways certain activities or areas could become self-financed. Individual conservation, sustainable use, and education projects supported by “grants” funds should have prospects for sustainability and/or achieving their objectives in a reasonable period with no need for continuing funding.

GEF’s implementing agencies should apply clearer and more consistent guidance on operating costs.

GEF’s implementing agencies should consider the impact on trust fund agility and responsiveness, as well as operating costs, of prescribing complex procurement or administrative procedures.

The GEF should continue to apply as standard practice for its capital contributions to trust funds the successful asset management and asset manager selection model developed by the World Bank.

GEF support for conservation trust funds, especially for the creation of new funds, should encourage the development of partnerships with international NGOs with experience and recognized abilities in this area, as well as the exchange of information among trust funds.

Box 1: Recommendations

GEF and its implementing agencies should provide increased support to help trust funds define their intended impacts on biodiversity conservation and sustainable use and to develop performance indicators and simple, useful monitoring and evaluation systems to measure progress toward these objectives and feed back experience into program improvements and management decisions.

I. INTRODUCTION AND BACKGROUND

1. More than thirty environment funds have been created over the past decade. Seven have received GEF support and assistance; 15 more are under design or active consideration. Generally, these funds aim to provide a long-term source of funding for biodiversity conservation and sustainable development. They are often seen as vehicles for bringing many stakeholders together to prioritize conservation actions that respond to local needs. The *Study of GEF's Overall Performance* and the *Study of GEF Project Lessons*, both conducted in 1997 as part of the Secretariat's monitoring and evaluation program, recommended increased GEF support for conservation trust funds.

2. Others have raised questions about GEF financing of conservation trust funds. Concerns include the extent to which trust fund-supported activities meet GEF's criteria on global environmental impacts and incremental costs, the "opportunity cost" of providing relatively large sums of GEF grants to capitalize endowment funds, and how to assure the performance of the funds is adequately monitored and evaluated. The GEF Council in October 1996 requested the Secretariat to prepare a paper examining issues related to trust funds and the experience of World Bank-supported funds. This evaluation was designed to inform that paper and the further discussion on this topic by the Council at its October 1998 meeting.

3. This evaluation examined the experience of 13 conservation trust funds, seven of which received GEF support (in Bhutan, Brazil, Mexico, Peru, South Africa, Uganda, and the Eastern Carpathians region of Poland, Slovakia and Ukraine). GEF projects in Bhutan and central Europe have recently been completed, the projects in Uganda and Peru are approximately at the mid-point of their implementation, the project in Brazil has been in operation for about two years, the Mexico project has just begun (in January 1998) to

operate under a restructured design which involves a trust fund, and GEF activities have not yet begun in the Table Mountain Fund in South Africa (approved in early 1998). Except in South Africa, these projects are from the GEF Pilot Phase. The other six funds were selected to complement the sample of GEF-supported funds with respect to size, type of program, sources of financing, and geographic distribution.

4. The evaluation was designed to answer the following questions:

- to what extent have the potential advantages of environment trust funds been realized in practice, and have the concerns expressed about them been minimized or overcome?
- what conditions are needed for conservation trust funds to succeed and what conditions are likely to hinder success?
- what evidence is there to date of the impact of these funds on conservation and sustainable use of biological diversity?
- what lessons and good practices can be identified from this experience that could usefully be applied by other current or future funds?
- what recommendations for GEF policies result from a review of this first generation of conservation trust funds that would help guide future assistance to conservation trust funds?

5. To help answer these questions, the evaluation team looked at the strategic and national context within which conservation trust funds operate, their governance and management structures, how funds set their program objectives and manage their

activities to achieve them, and their asset and financial administration performance. The team also looked at disbursements and visited projects financed by trust funds. The complete Terms of Reference for the evaluation is included as Annex A to this report.

6. The evaluation was carried out under the direction of the GEF Secretariat's monitoring and evaluation team. Scott E. Smith was the team leader. The evaluation team included three GEF staff from the two implementing agencies that have supported conservation trust funds--Martin Krause and Kevin Hill from UNDP and Kathleen Mikitin from the World Bank, Walter Lusigi from the GEF Secretariat biodiversity/international waters team, and two outside consultants independent of the GEF, Ruth Norris and John Pielemeier. In addition, a reference group was formed to provide guidance to the evaluation team. Its 17 members included task managers and other implementing agency staff who have experience with trust fund projects, NGO representatives, current and former officers of environment funds, a member of the World Bank's evaluation staff, a member of the Convention on Biological Diversity secretariat, and representatives of other donors with an interest in conservation trust funds.

7. The evaluation team conducted interviews with task managers and reviewed documents (evaluations, supervision reports, project implementation reviews, project designs and related analyses, other articles and reports) on projects which include GEF-supported conservation trust funds. They also reviewed reports from international and regional fora on environment funds and other documents relating to the experience with GEF-supported and other environment funds, and interviewed people knowledgeable about this experience. Seven funds were visited in six countries: Brazil, Jamaica, Mexico, Peru, Slovakia (Eastern Carpathians) and Uganda. Local consultants participated in these field

visits in four countries: Lovelette Brooks in Jamaica; Maria Allegretti in Brazil; Silvia Charpentier in Peru; and Maria Hajnalova in Slovakia. Following the fieldwork, the team met to synthesize its findings, discussed them with the reference group, and prepared a draft of the evaluation report. The draft report was then reviewed with the GEF implementing agencies and secretariat, the NGO community, and others. Their input is reflected in this final report.

8. Chapter II of this report provides an overview of the 13 trust funds included in the evaluation. (Summary descriptions of the funds can be found in Annex C.) Chapters III and IV present the findings and conclusions of the evaluation team. Chapter V describes the implications of these findings and conclusions for GEF and includes the team's 13 recommendations.

9. A list of the many people contacted during the evaluation is contained in Annex B. The evaluation team recognizes the valuable inputs made to this study by all of these people, and wishes to warmly thank them -- especially the extremely busy board members, directors and staff of the seven funds visited for giving of their time to contribute to our understanding and learning.

10. It is our hope that this evaluation report will be but one step in a continuing process of learning about and from conservation trust funds and the contributions they are making to the conservation and sustainable use of biological diversity in their countries. This report is only one of a series of products envisioned from this evaluation. We encourage feedback from readers, your suggestions on the kind of information and communication media that would be most helpful to you, and/or additional experience you would like to pass on related to conservation trust funds. You can contact the GEF Secretariat's monitoring and evaluation team at geflessons@gefweb.org.

II. SUMMARY OF FUNDS INCLUDED IN THE EVALUATION

KEY POINTS

Generalizations about trust funds are difficult because the funds vary considerably in scope, size, and purpose.

It is, however, useful to divide the funds into two general categories: “parks” funds that support protected areas, and “grants” funds that channel resources to target audiences for conservation activities. These two types differ in their relationships to national conservation strategies; their governance structures; the importance of representative involvement of stakeholders; grant management procedures, financial management strategies, and the ways and ease with which they meet GEF criteria.

11. There are various types of environment funds. Those supported by the GEF have been set up as *trust funds* (in countries whose legal systems are based on British or US models) or (in most civil law countries) as *foundations*. In either case, these funds legally set aside assets (e.g., GEF grants) whose use is restricted to the specific purposes set out in a legal trust instrument. They can be structured financially in three ways. When an *endowment* is created, the financial assets of the fund are invested to earn income and only that income is used to finance agreed-upon activities. *Sinking funds* are designed to disburse their entire principal and investment income over a fixed period of time, usually a relatively long period, e.g., 15 years. *Revolving funds* provide for the receipt of new resources on a regular basis for example, proceeds of special taxes designated to pay for conservation programs which can replenish or augment the original capital of the fund and provide a continuing source of money for specific activities. Any environment fund can combine these features depending on its sources of capital.

12. The evaluation showed very clearly that there is no “typical” trust fund. The funds’ structure, scope of activities, and procedures vary according to the purposes for which they were set up and the situation of the country they serve. Some are national, some regional, some dedicated to a particular biodiversity

resource. Only two of the funds studied are actually national environmental funds (NEFs) in the sense of having a mandate to support the full range of activities, governmental and non-governmental, included in national conservation plans or strategies – although many conservation trust funds have quite broad mandates and the defining characteristics that would qualify a fund as an NEF have not been agreed upon. The team did not visit any environmental funds covering both “brown” and “green” agendas.

13. In describing the main features of the funds studied, the team found it useful to divide the funds into two groups, according to the types of activities they support, since several of the findings and conclusions apply particularly to one group or the other. “Parks” funds support either national protected areas systems, or a specific protected area or group of protected areas. “Grants” funds channel resources to target groups (typically NGOs and community-based organizations) for a broad range of conservation and sustainable development projects, not limited to protected areas.

14. There are several important ways in which these two types of funds often differ. Annex D analyzes them in more depth, but generally they include:

- their role within a national biodiversity or environment *strategy*;
- *governance*: the extent of government involvement and the importance of representative involvement of stakeholders;
- *grant management* procedures for activities financed;
- the ways and ease with which funds *meet GEF criteria*; and
- *financial issues* such as the fund's structure, life expectancy and resource mobilization strategy.

15. Box 2 shows the typology of the funds studied -- at best an approximation, since several of the funds actually span the two groupings -- together with information about their founding dates and GEF funding. A brief description of each of the funds studied can be found in Annex C.

Box 2: Funds Included in the Evaluation

Fund Name, Country	Established	Type of Fund	GEF Funding Received
Mexican Nature Conservation Fund (FMCN)	1994 (parks fund 1997)	Initially grants, parks fund added	endowment (\$16.5 million)
Fund for Natural Areas Protected by the State (FONANPE/PROFONANPE), Peru	1992	Parks	endowment (\$5.2 million)
Jamaica National Parks Trust (JNPT)	1991	Parks	none
Mgahinga-Bwindi Impenetrable Forest Conservation Trust (MBIFCT), Uganda	1995	Parks (grants window for buffer zones)	endowment (\$4.3 million)
Foundation for Eastern Carpathian Biodiversity Conservation (Poland, Slovakia, Ukraine)	1994	Parks	endowment (\$300,000)
Protected Areas Conservation Trust, Belize	1995	Parks	none
Table Mountain Fund, South Africa	1993	Parks	endowment (\$5 million)
Bhutan Trust Fund for Environmental Conservation	1991	Primarily parks fund	endowment (\$10 million)
Foundation for the Philippine Environment	1992	Grants	none
National Environment Fund (FONAMA), Bolivia	1990	Grants fund within larger agency	project
Environmental Foundation of Jamaica (EFJ)	1992	Grants	none
Brazilian Biodiversity Fund (FUNBIO)	1995	Grants	sinking fund (\$10 million disbursed; additional \$10 million committed)
Conservation Trust of Guatemala (FCG)	1991	Grants	none

III. FINDINGS AND CONCLUSIONS

16. To address the five key questions in its terms of reference (see paragraph 4 above), the evaluation team examined several aspects of conservation trust fund performance. These included the strategic and national context in which funds operate, their governance structures, program management, financial and asset management, activities financed, and their relationship to GEF

programs, implementing agencies, and application of GEF criteria. This section begins with a review of trust fund accomplishments overall, and then presents findings and conclusions on each of these topics. Lessons, best practices, and other points of special interest are highlighted in boxes.

A. ACCOMPLISHMENTS AND IMPACT TO DATE

KEY POINTS

Trust funds' main accomplishments include:

- Supporting protected areas, including enabling the creation of new national parks, expansion of existing areas, and providing a basic "resource security" for their operations;
- generating and managing financial resources;
- encouraging the participation of civil society institutions in resource conservation;
- increasing scientific research applied to conservation issues; and
- increasing public awareness of conservation issues.

Uncertainty remains about trust funds' long-term conservation impact. Successful "parks" funds are catalytic in nature; successful "grants" funds have focused on program niches. Trust funds generate relatively small amounts of resources relative to conservation needs.

Biodiversity impact is closely correlated with effective demand for resources.

17. Conservation trust funds have recorded impressive accomplishments during the first 2-3 years that most of them have been in operation. At the same time, their long term success, and in particular their impact on biodiversity conservation, is still not assured, and several of the funds examined have suffered setbacks and disappointments.

18. Although conservation trust funds are generally seen as vehicles for achieving positive impact on biodiversity conservation and sustainable use, the objectives described in project documents for the first generation of GEF-supported trust funds often lacked

specifics about conservation outcomes. Box 3 lists these objectives for the six GEF projects for which there is significant implementation experience. In each case, the original project objectives focused, in one form or another, on the establishment of the trust fund mechanism itself. References to biodiversity impact are in most cases indirect.

19. Two of these projects, in Bhutan and the Eastern Carpathians, are now completed. In Bhutan, objectives have been formally achieved as all key benchmarks were met. Most of the activities supported by the fund since its inception were those designed as part

of the original project. There has been little testing yet of the ability of this trust fund to serve as a grant mechanism to support conservation field activities. Given the ability of the fund to attract endowment capital from a variety of sources and the attention that is now being given to developing program management procedures, the prospects for achieving this appear promising, however. In the Eastern Carpathians, project objectives have been only partially achieved. Although the mechanism itself has been established, the fund's extremely limited capital has not allowed it to become operational in more than the most basic sense. The trust fund has recently decided to hire a limited staff and make a major fundraising effort. If this effort proves successful, prospects will improve.

20. Two other projects – in Uganda and Peru – are basically at the midpoint of their implementation period. The stated project objective for the MBIFCT in Uganda appears to have been achieved, at least to the extent that grants to community groups and support for park management and research have been funded and the trust fund's capital has grown substantially through reinvestment of interest income. In Peru, PROFONANPE has been extremely successful at serving as a mechanism for debt swaps. With the benefit of hindsight, the objective of strengthening the capacity of the government Natural Resources Institute (INRENA) through a private trust fund appears to have been overly ambitious, and is not likely to be achieved under present circumstances. The viability of PROFONANPE as a long term and predictable source of financing the management of priority protected areas has been partially achieved, although limited by its inability to date to attract more endowment capital, and by government domination of its governing board and a difficult transition between executive directors. However, PROFONANPE now seems poised to move forward effectively, with recent legislation changing the composition of the government's representatives on the board and a new director who is actively building bridges to the private sector and seeking to diversify its programs.

21. The remaining GEF conservation trust fund projects, FMCN/FANP in Mexico and FUNBIO in Brazil, appear to be off to an excellent start after a major restructuring away from government execution to implementation through the fund (Mexico) or a protracted design period (Brazil). Both of these projects have more specific biodiversity conservation objectives, and in this area there has been less measurable progress to date.

22. Beyond their specific objectives, the evaluation team noted a number of significant accomplishments achieved by these GEF-supported conservation trust funds and the others included in the study:

- National, permanent *civil society institutions* focused on biodiversity have been created and gained credibility, bridging the public and private sectors (most funds).
- There has been *broad participation of stakeholders* in the design and operations of trust funds, and they demonstrate strong "ownership" of the funds (most funds). However, continuing to get this input on a systematic basis will require work.
- A *successful model for asset management* characterized by good returns on investments, transparency and integrity is used by most funds.
- *Very highly qualified people* have been attracted to lead trust funds (boards and staff). The excellent reputations of board members, from all sectors, have strengthened a generally positive public image of most trust funds.
- *Additional financial resources* have been directed to biodiversity conservation activities. Funding has come from contributions to endowment or sinking funds (especially in Bhutan and Peru), complementary project financing, and in some cases through additional government funding (Mexico).
- *New national parks* have been created and park systems expanded. The reliability of financing from trust funds has encouraged

even budget-strapped governments to authorize new protected areas (one new park in Ukraine, creation/expansion of park system in Jamaica).

- *A basic sense of “resource security”* has begun to be felt by managers in some important protected areas. This allows them to focus on broader conservation issues (and additional sources of support) beyond just trying to meet basic staff and operating costs. It also leads to greater staff continuity, an important ingredient to building relationships with stakeholders essential to participative management. (Mexico, Jamaica, Uganda).
- Trust funds have established *effective, efficient and transparent mechanisms for transferring resources to field activities*, and have encouraged new management regimes (NGO partnerships) in protected areas (Mexico, Bolivia, Jamaica, Belize).
- Trust funds have *helped government agencies and NGOs improve their ability to carry out field activities and get project funding*. (Mexico, Jamaica, Uganda).
- *Scientific work* has been carried out, including resource inventories, zoning and mapping, that help measure changes in biodiversity (Uganda, Brazil, Mexico, Eastern Carpathians).
- *New NGOs* have been established and the roles of existing NGOs expanded. The funding opportunities provided by the Bhutan fund stimulated the creation and expansion of that country’s first two NGOs. EFJ is the main source of project funding for most young environmental NGOs in Jamaica.
- *Certain types of biodiversity projects* have had access to grant funding for the first time. This is especially true for projects which tend to fall between sectoral cracks or are new areas of endeavor. In Brazil, FUNBIO has funded agro-biodiversity projects which the agriculture and

environment ministries saw as beyond their responsibility, and has helped find funding for medicinal plant projects which the ministry of health would not fund.

- Environmental education activities have been financed. In Jamaica, where *conservation awareness* was low, this has almost certainly had a cumulative positive impact on *community involvement* as reflected in the growing number of small NGOs which now embrace environment among their objectives.

23. In addition, the team observed a few initial examples of how conservation trust funds have had upstream impact on policy or institutional operations:

- FMCN/FANP (Mexico) participates in the review of protected area annual operating plans. Along with the Mexican park service, it receives and assesses field reports and makes recommendations for improvements. It is using its financial role to advocate for more participatory park management. FMCN also helped finance and participated in a process that resulted in the identification of the priority areas for biodiversity conservation in Mexico. Funds in Guatemala and Bolivia have participated in national biodiversity strategy development.
- Although FUNBIO in Brazil is a relatively new institution, some of its *institutional procedures* are already being replicated. A government fund uses elements of FUNBIO’s grant review process. NGO board members are trying to replicate the rigorous and efficient system of operations established by the FUNBIO board.

Box 3: Objectives of GEF Conservation Trust Fund Projects

A. FUNDS INCLUDED AS COMPONENTS OF LARGER PROJECTS

BRAZILIAN BIODIVERSITY FUND (FUNBIO)

1. Provide long-term and sustainable support for conservation and sustainable use of biological diversity in Brazil.
2. Support the establishment and development of a Brazilian Biodiversity Fund that would administer a long-term grants program to promote conservation and sustainable use of biodiversity.

FOUNDATION FOR EASTERN CARPATHIAN BIODIVERSITY CONSERVATION (POLAND, SLOVAKIA, UKRAINE)

Establish a three-country mechanism through the development of an international trust for biodiversity protection whose income would be used to protect the biodiversity of this transboundary area.

B. "STAND-ALONE" FUNDS

BHUTAN TRUST FUND FOR ENVIRONMENTAL CONSERVATION

1. Assist government of Bhutan in conserving its forestry and preserving rich biological diversity.
2. Test the feasibility of trust funds as a mechanism for providing long-term and sustainable support for conservation of biological diversity

MEXICAN NATURE CONSERVATION FUND (FMCN)

1. Protect unique biodiversity in eligible biosphere and special biosphere reserves
2. Strengthen protected areas management at the reserve level
3. Promote local participation, including indigenous communities, in the implementation of protected areas operating and management plans
4. Ensure long-term recurrent cost financing for core protection and conservation activities

FUND FOR NATURAL AREAS PROTECTED BY THE STATE (FONANPE), Peru

1. Provide a long-term and predictable sources of funding for the protection of Peru's biodiversity through the establishment of a trust fund, the income of which would be used for financing the management of priority protected areas
2. Improve the Natural Resource Institute's (INRENA's) capacity to protect and manage Peru's protected areas
3. Provide the country with a reliable institutional mechanism to channel debt donations for sustainable development and conservation through bilateral and commercial debt-for-nature swap agreements
4. Test the viability of trust funds as mechanisms for providing long term and sustainable funding for biodiversity conservation

MGAHINGA-BWINDI IMPENETRABLE FOREST CONSERVATION TRUST (MBIFCT), UGANDA

Support biodiversity conservation in the BINP and MGNP both directly, by providing incremental support for park management and related research activities, and indirectly, by funding grants to help local community groups develop economic activities which will provide alternative means of meeting needs which were traditionally met by harvesting forest resources.

24. These accomplishments are reasonably impressive, especially for new organizations. But is this enough? At what cost were they achieved? Approximately \$56 million has been committed by the GEF to the six trust funds with implementation experience, although \$10 million of this amount (in Brazil) has not yet been disbursed. That said, at least this amount is actually still available in endowments or sinking funds in these six institutions from the GEF grants, as are additional contributions (some \$33 million to those six funds) made by other donors.

25. Comparisons of the success of conservation trust funds with other GEF projects were beyond the scope of this evaluation. The cost-efficiency of donor investments in conservation trust funds is particularly difficult to measure because the stream of benefits from trust fund investments goes on for long periods, or in the case of endowments, potentially forever. However, the evaluation team found that the sample of GEF trust funds projects has performed at least as well as the overall GEF biodiversity portfolio, as summarized in the *1997 Project Implementation Review*.

26. It is clear, nevertheless, that very little can be said about the impact funds are having on actual conservation or sustainable use of biodiversity on the ground. Clear definition in project design of the problems addressed would have been helpful. Also, measuring the biodiversity impact of any program is difficult primarily because indicators of biodiversity status are hard to measure and typically change very gradually over long periods of time. Finally, it is very hard to attribute biodiversity impacts to a particular activity in many cases, so the impact of a fund's programs may not be distinguishable from the impact of others. So far, with the exception of FMCN in Mexico, addressing the issue of biodiversity impact has not been a priority for the funds examined. Most have not defined specific biodiversity impact objectives, indicators, or monitoring and evaluation systems.

27. In general, even the resources of well-endowed conservation trust funds are small relative to the broad challenges of biodiversity conservation. "Parks" funds typically do not have enough resources to fully address the management and conservation problems of the protected areas on which they focus. The national "parks" funds examined are, at best, able to reach only a small portion of their countries' protected areas with significant biodiversity resources. And while ensuring that a basic level of staff and operating costs are provided annually is important, it is not enough to guarantee long-term conservation.

28. For "parks" funds to have significant impact, their resources must be regarded as catalytic, not just a reliable, continuing source of funding for recurrent costs. Their support needs to be framed within the broader management plans for the protected area or system, and needs to actively seek to bring other resources to bear on conservation activities. Most of the "parks" funds included in the evaluation have not yet reached this point. In fact some, such as PROFONANPE in Peru, have been deliberately discouraged by the government from looking at how their funding relates to and supports the broader management and operating plans of the parks it supports.

29. The biodiversity impact of "grants" funds appears to be a function of the fund's focus on a specific set of problems or program areas. All of the "grants" funds studied have very modest resources compared to the huge challenges that they might address. Most were overwhelmed by responses to initial requests for proposals, and have gone through a sequence of events leading to a greater focus of their limited resources on one or more program "niches." This process occurred after four years of EFJ operations and one funding cycle in Brazil, and began in the second year of FMCN's grant program in Mexico. Program focus has not yet occurred in Bhutan and is still quite broad in the Philippines. As mentioned above, even "grants" funds that have tightened program focus still have not defined indicators for conservation impact, although several are

beginning to employ the logical framework methodology.

30. The evaluation also found that the biodiversity impact of conservation trust funds is closely correlated with the *effective demand* for resources. The operational capacity of NGOs, businesses, academic and government institutions is limited in all countries studied. To achieve impact, most

“grants” funds need to adopt (a) a long-range strategy of building the capacity of user groups through small grants and technical support; (b) a more immediate strategy of providing fewer grants, to institutions already relatively strong, or (c) a combination of the two approaches. The long-term strategy requires that institution-building activities lead to a defined biodiversity impact.

B. CONSERVATION TRUST FUNDS ARE MORE THAN FINANCIAL MECHANISMS

KEY POINTS

Trust funds are not simply financial mechanisms, but must be viewed as institutions that have several roles to play, in addition to channeling funds. These include roles as:

- key actors in the development of national conservation strategies;
- technical experts who can work with public and private agencies to develop agile and effective management approaches; and
- in some countries, capacity-builders and nurturers of an emerging group of non-governmental organizations becoming involved in biodiversity conservation.

To succeed, trust funds need more than financial management systems and skills. They need governance structures, staff, and technical support to enable them to proactively influence the environment in which they work, and to maintain transparency and support for participatory approaches to conservation and sustainable development.

31. Conservation trust funds were initially established in the late 1980s when relatively large amounts of money became available through debt swaps. They were seen as innovative financial mechanisms to absorb these “lumps” of capital, invest and manage the resources wisely, and disburse appropriate amounts to cover recurrent costs of national parks or small grants to NGOs. The design focus was primarily on establishing the necessary financial and legal mechanisms and asset management systems, and ensuring adequate flows of resources to cover administration and program activities.

32. It was generally assumed that other issues were secondary or would need less attention: (a) funds would follow national strategic and policy directives, (b) necessary governance structures could be established,

(c) effective demand for grants would exist and grant-making procedures could be easily established; and (d) highly skilled personnel could be attracted to the board and staff of the trust fund.

33. The evaluation team found that the financial management aspects of GEF trust funds have been almost universally successful. Asset managers are achieving investment results above their benchmarks, and revenues are being efficiently passed along in small amounts. However, the experience of the past decade has clearly demonstrated that trust funds have also needed to focus their attention on the other ingredients noted above.

34. National environment or biodiversity strategies, or master protected area

management plans, did not exist in many countries (Mexico, Jamaica, Peru, Bolivia, Brazil) and trust funds had to establish their own strategic priorities and interact regularly with government and other organizations to help focus their programs.

35. Some of the boards established for the early conservation trust funds were constructed more to allocate resources among various stakeholders than to govern independent institutions. As a consequence, they did not have the membership needed for

36. Many funds found that effective demand for their grants did not meet expectations. “Parks” funds initially had to work with government administrative procedures that were not appropriate for field activities involving a large number of small, difficult-to-invoice purchases. The number of NGOs that could prepare and manage good project proposals was limited (Jamaica, Bhutan, Mexico), and trust funds often had to provide or arrange for technical support to potential grant recipients. Establishing efficient grant application and review procedures did not come easily. Several funds (Jamaica, Brazil, Mexico, Uganda, Philippines) were initially overwhelmed with poorly written proposals. Transparent procedures to review and approve grants were not commonly available for simple replication and needed to be established. An overlay of donor requirements regarding procedures also complicated the project selection process.

37. Many funds were not adequately staffed to carry out their many functions. Typical staffs were largely administrative and

this broader role. In all countries, governments had little experience working with independent institutions such as trust funds. Most trust funds were governed by representatives from several sectors of society (the NGO community, the private business sector, government and academia) in a completely new arrangement. Governance demanded a good deal of time and creativity from all concerned parties: the board, the executive secretariat, and the donors.

financial personnel. Most funds found they also needed technical capacity to establish a program strategy, direct project selection, monitoring and evaluation, and have a voice in national policy. Staff also needed knowledge and skills related to working with a multisectoral board, fundraising, and communications.

38. In summary, trust funds set up primarily as financial channels tended to be inadequate to respond to the range of challenges they encountered. Trust funds are complex institutions that must carry out a variety of functions simultaneously. They must function as self-governing institutions, as grant-making organizations, and as participants in the conservation policy arena. In addition, conservation trust funds have often had to strengthen the capacity of recipient organizations. To succeed, conservation trust funds need to be more than just financial mechanisms.

C. GEF PROGRAM LINKAGES AND MEETING GEF CRITERIA

KEY POINTS

Most of the funds studied, and all of the GEF-supported funds, have focused their programs to achieve global environmental benefits in the GEF's biodiversity focal area.

All of the funds studied fit within GEF's operational programs, usually supporting activities in several of the ecosystem types that define biodiversity operational programs (forest ecosystems, mountain ecosystems, arid ecosystems, freshwater and marine ecosystems).

All of the funds studied are country-driven, reflect broad public involvement and participation, demonstrate innovation, and have leveraged additional resources for global conservation.

Although the funds examined were largely Pilot Phase projects, their programs illustrate ways that future funds can meet GEF's incremental cost criteria: in the case of protected areas, through up-front agreements on the percentage of support to be provided by the government and by the fund, and in the case of grants to NGOs and community-based organizations, through requirements for counterpart and matching contributions.

39. This section presents the findings and conclusions of the evaluation team on three areas related to GEF financing and support for conservation trust funds: (a) how well trust funds fit with the special nature and criteria of the GEF; (b) how trust funds relate to other GEF-financed activities; and (c) implementing agency oversight and supervision of trust fund projects.

GEF CRITERIA

40. GEF has defined a number of specific criteria which projects must meet to be eligible for financing. GEF projects, by definition, support the agreed *incremental costs* of projects designed to have *global environmental benefits* in one of four focal areas, in this case conservation and sustainable use of biological diversity. GEF has described ten *operational programs* within which its projects must generally fit. In addition, GEF emphasizes that its projects must be *country-driven* and reflect broad *public involvement and participation*. As a new financial mechanism with limited resources relative to the problems it addresses, GEF places a premium on projects which are

innovative and ideally *leverage* substantial additional resources for global environmental objectives as a result of GEF support.

41. Of the 13 trust funds studied for this evaluation, seven have received GEF support (in Bhutan, Brazil, Eastern Carpathians, Mexico, Peru, South Africa and Uganda). Implementation of all of these projects appears to be generally consistent with GEF's objectives and criteria. However, except in South Africa, these projects were approved during GEF's Pilot Phase, before the full elaboration of operational programs and current policies and procedures, especially with respect to defining global environmental benefits and incremental costs. Therefore, it is not appropriate to evaluate them against these standards. Nevertheless, implementation of these projects, and the activities supported by them and other conservation trust funds, provide insights into how well GEF's current eligibility criteria might be applied to similar funds in the future.

42. With respect to achieving *global environmental benefits*, "parks" funds which aim directly to support specific protected

areas or protected area systems easily meet this standard as long as the global significance of biodiversity is a selection criterion for the areas which the fund supports with GEF resources. The GEF projects which capitalize “parks” funds--Eastern Carpathians, Mexico, Peru, South Africa, Bhutan, Uganda--all meet this test. One potential issue with funds of this type regards support for projects which respond to community initiatives in and around protected areas. As the team observed in Uganda, community priorities are not always clearly for those activities which produce global environmental benefits directly. Therefore, there may be some tension in the short term between local and global priorities when funds are responsive to stakeholder input.

43. For “grants” funds, meeting the global benefits criterion is more challenging, and requires that the types of activities for which grants are made, or the geographic areas in which they will be carried out, are determined to be of global significance in terms of biodiversity. This is clearly possible. FUNBIO in Brazil, the only “grants” fund in the current GEF portfolio of trust fund projects, has defined five categories for its grants, all of which are consistent with priorities identified in the Convention on Biological Diversity, including sustainable use and agrobiodiversity. In addition, FMCN in Mexico, using non-GEF resources, operates a major grants program which is focused on areas determined to be of high priority for biodiversity conservation. The Foundation for the Philippine Environment also focuses grants in priority conservation areas.

44. A simple, common-sense approach to *incremental costs* can also be applied relatively easily to activities supported by “parks” funds. This would require that trust fund contributions be additional to, and not substitute for, resources that others (including the government) have already been providing for the management of globally significant protected areas. That this can be done is demonstrated by experience in Mexico, where the government is financing five core staff and an increasing share of basic operating

costs of the ten protected areas receiving assistance from FMCN/FANP, supported by GEF. Experience to date in Peru and Uganda is not as clear, however. There is some evidence that PROFONANPE resources in Peru are financing activities previously supported by government and others in some protected areas. In Uganda, resources generated by MBIFCT are actually less than the amount of visitor fees generated by the two parks where its activities are focused. All of these fees are treated as general revenue by the parastatal wildlife agency. Only a very limited amount finds its way back into budgets for park management and surrounding community development in Mgahinga and Bwindi parks. As with the global environmental benefits criterion, incremental costs are likely to be more difficult to define for activities supported by “grants” funds.

45. Ideally, these basic GEF criteria relating to global significance of biodiversity and assessment of incremental costs would be satisfied in advance for the entire program of activities to be financed by a GEF-supported conservation trust fund as part of the project design. The fund’s operational manual (which describes its objectives and the eligibility and selection criteria for activities it supports) should reflect the focus on globally significant biodiversity and projects in which the GEF resources were matched by local or national contributions in cash or in kind. If this could not be done, and if either of these tests would have to be applied for individual fund-supported activities, then simple, straightforward and understandable procedures would be essential. The trust fund would also require resources beyond GEF contributions to finance complementary and/or “baseline” activities not eligible for GEF financing.

46. All of the conservation trust funds studied are very much *country-driven*. The governance structures of trust funds reinforce country ownership in a way that traditional project implementation arrangements often do not. Similarly, trust funds have generally been very good vehicles for advocating for

greater *stakeholder involvement and participation*. In two Latin American countries where the GEF has supported “parks” funds, these funds have been effective in encouraging government agencies to consult more actively and widely with community groups and others with a stake in the management of protected areas, often in the face of government reluctance. While in both cases improvements are still possible, significant if gradual progress is being made and, in the process, government attitudes more generally may be changing.

47. While some of the conservation trust funds studied have a focus on one or a few specific protected areas that would fit one of GEF’s four biodiversity *operational programs*, most support activities in many ecosystems. Examples include several “parks” funds that support park *systems* whose individual protected areas include mountain, forest, and wetland ecosystems; and “grants” funds that have chosen thematic niches such as agro-biodiversity or medicinal plants, that encompass many ecosystems. Therefore, strict application of a policy that GEF projects must fit only one operational program, rather than the entire biodiversity operational strategy, would distort the country-driven project selection process and add another layer to already complex program administration, and therefore not be appropriate for trust fund projects.

48. The evaluation found that conservation trust funds are mechanisms that are potentially *innovative* and flexible, able to respond to local conditions with agility. However, as noted in the program management section (III. F), in practice much of this potential is not yet being realized, as trust funds struggle under the burden of complex administrative and accounting procedures, some of them imposed by the GEF implementing agencies and other donors. The funds studied for this evaluation, particularly in Bhutan, Peru and Uganda, have done very well at attracting *additional funding* for biodiversity conservation as a direct result of GEF support, even if much of it has not gone into permanent endowments. In fact, the

evaluation team has documented an additional \$33 million in resources that have been mobilized beyond the \$46 million in GEF disbursements to date to six funds (excluding South Africa, which has just begun implementation).

LINKAGES TO OTHER GEF ACTIVITIES

49. Most GEF conservation trust fund projects to date have been implemented through the World Bank, although UNDP played an important role in the design of the Bhutan trust fund; a UNDP project helped establish another conservation trust fund, and UNDP has several new trust fund projects under design. UNDP’s GEF Coordination Unit was instrumental in forming the Interagency Planning Group on Environmental Funds in 1993 and has provided leadership and services to this group since that time. The IPG is a broad-based group representing multilaterals, bilaterals, foundations, and NGOs which (a) promotes communication among environmental funds and donors and (b) sponsors capacity-building activities for funds. GEF resources from both UNDP and the World Bank have supported IPG activities.

50. In general, GEF-supported conservation trust funds appear to have only limited linkages to other GEF programs or enabling activities in their countries. Sometimes they are the only regular GEF biodiversity project in implementation. Knowledge of the funds by GEF national focal points and in-country UNDP offices varies considerably. In one Latin American country, UNDP has recently had a number of productive contacts with the GEF-supported fund, while in another the local UNDP office seemed basically unacquainted with the fund even though it was considering new GEF projects in the same area in which the fund was working. In Poland and Ukraine, the Eastern Carpathians fund was basically ignored by the GEF implementing agencies from birth.

51. An exception to this general picture is a frequent linkage observed between trust funds and the GEF Small Grants Programme. In at

least four of the funds studied--in Mexico, Belize, Guatemala and the Philippines--there are on-going relationships. They include SGP-funded activities carried out in conjunction with protected area management activities supported by the trust fund, and coordinated support and/or co-financing to community organizations and NGOs from both SGP and the fund. There is a formal agreement between the Foundation for the Philippine Environment and the Small Grants Programme whereby the SGP screens and selects projects for FPE funding. PACT in Belize and MBIFCT in Uganda are represented on SGP national steering committees. Conservation trust funds are also increasingly involved in discussions with organizations interested in submitting medium-sized grant proposals for GEF consideration. These proposals often complement fund-supported activities.

IMPLEMENTING AGENCY OVERSIGHT AND SUPERVISION

52. The approach of the implementing agency to monitoring, overseeing and supervising conservation trust funds has a significant effect on a fund's success. Task managers cannot be expected to be trust fund specialists. Furthermore, trust fund projects are complex and involve many different elements, and no one task manager is likely to be able to backstop them adequately alone. Therefore, those who bring in specialized expertise in supervision *in a context of mutual commitment by the fund and the donor to build expertise and find solutions* have been more successful. Supervision which the fund finds facilitative and supportive of the achievement of program objectives, which helps the fund operate flexibly but responsibly as an independent organization, and which reinforces the leadership and accountability

role of its governing body, brings positive results. Examples of this approach are illustrated in Box 4 below. Indeed, "supervision" missions have sometimes been a primary source of guidance on important issues confronting a fund, such as asset management or fundraising. On the other hand, an approach in which task managers involve themselves in the details of accounting, compliance with implementing agency procurement procedures, and routine reporting--which was also reported to the evaluation team in some cases--has been less productive.

53. The evaluation team concluded that, in most cases, if trust funds are given adequate organizational support, a supervision period of five years is likely to be enough to assure that a functioning governance system is in place, that several grant cycles have been completed, and that the fund is able to continue to manage its program and finances adequately on its own. Devoting more explicit attention and resources to institutional strengthening of GEF-supported funds than has been provided to date would increase the chances that this supervision period would be sufficient.

54. Several of the funds visited expressed a desire to maintain a continuing partnership relation with the implementing agency beyond the "official" supervision period, focused on sharing of experience and lessons learned. There would also be value for the GEF in establishing an ongoing monitoring relationship with conservation trust funds, since the time required to document biodiversity conservation impacts generally exceeds the normal supervision period.

Box 4: Best Practices in Implementing Agency Oversight and Supervision

The tasks involved in managing a trust fund are varied and complex, and usually at least some are outside the scope of the task manager's own expertise. Several World Bank task managers have responded to this challenge by using the supervision process to bring in experts from a variety of disciplines to assist the trust fund. Examples:

- Luis Constantino, task manager for the Mexico Natural Protected Areas Fund, included consultants experienced in fundraising and ecotourism in the first supervision mission, and experts on mining and fisheries for the second mission. These consultants helped the fund analyze the potential costs, benefits, feasibility, and probable outcomes of activities under consideration. In some cases, they suggested modifications to projects or different types of projects better suited to achieve similar objectives. The fund considered their reports and briefings very valuable to its decision making process.
- Agi Kiss, task manager for the Mgahinga-Bwindi Impenetrable Forest Conservation Trust in Uganda, brought in a financial management expert from WWF-US who had been involved in the design of the Bhutan fund, to assist MBIFCT develop its asset management guidelines and supervision procedures. The same expert joined the midterm review team, and during the review, presented a workshop on asset management for members of the MBIFCT board.

D. STRATEGIC AND NATIONAL CONTEXT

KEY POINTS

The driving forces for setting up trust funds have included national governments, local conservation leaders, international conservation NGOs, and donors. Success in involving the business sector has been modest.

Trust funds are generally consistent with national environmental plans and strategies or, when no strategy exists, with the Biodiversity Convention. They vary in the degree of direct linkage.

Some trust funds have contributed significantly to the development of national conservation policies and strategies.

Trust funds' overall contribution to biodiversity funding in their country or region is generally small in relation to the need, but targeted to priority areas or problems. Financial leveraging opportunities have rarely been fully realized.

DRIVING FORCES

55. The international conservation community, particularly NGOs, have been strong advocates of trust funds. But national governments, local conservation leaders, and donors have also proposed and helped set up trust funds. In Bhutan, a government official initiated the idea of a fund (using the Philippines as a model), and quickly received support from a leading NGO and UNDP. The Bolivian government invited an international NGO to assist in establishing a fund. In Brazil, the availability of GEF funds encouraged government and the national NGO community to work together to establish a fund. Donors have played a key role in ensuring that trust funds received initial capital through direct provision of resources (GEF, several European donors, USAID) and by negotiating national government contributions linked to debt reduction (US Treasury Department, GTZ). Local NGO and government officials, as well as business leaders, participate in trust funds as board members. In some countries (Jamaica, Brazil, Mexico), representatives of the academic community are also included.

56. The key supporters of “parks” funds include government and NGOs closely involved in elements of the protected area system (e.g., park management, programs in buffer zones). The critics of “parks” funds tend to be NGOs and other groups associated with protected areas not benefiting. An example is the Jamaica National Parks Trust, whose only NGO board members represent organizations managing two existing national parks. Several NGOs with plans to manage new national parks hope to establish new, park-specific trust funds rather than be minority members of the JNPT board.

57. The main supporters of “grants” funds are the potential users. Often a “grants” fund is the only flexible source of funds accessible to local and national NGOs, over which they can exert policy and management influence. The team observed two cases in which government views a “grants” fund as “the

NGO fund” and tends not to play an active role. Critics also include NGOs not benefiting from the fund, and environmentalists who would prefer to see resources concentrated to achieve impact on a priority problem.

58. The business sector has played an active role in many trust funds, mostly in governance and as a source of expertise for financial management. Most funds have had no trouble in recruiting business leaders and representatives of business organizations (Chamber of Commerce, national business council, tourism industry association) to their boards. These representatives have played effective leadership roles on board investment committees. Except in Guatemala, they have been less effective in establishing fundraising strategies and in raising funds among their colleagues.

59. In two cases, this basic business sector role was amplified. In Belize, the tourism industry association was an initial supporter of establishing a new trust fund and currently serves on the board, although there was a period when its support was withdrawn over the issue of the level of the tourist tax. FUNBIO was established in Brazil with an explicit objective of encouraging participation of the business sector in biodiversity conservation. Four board seats (of 18) are set aside for business representatives. The board chairman is a highly respected banker. The first call for proposals encouraged projects which demonstrated a partnership between the business sector and government, an NGO, or an academic institution. Much of the business sector (including larger enterprises which FUNBIO hopes to target) has, however, found FUNBIO grants too small and the FUNBIO bureaucracy too heavy to warrant their interest. FUNBIO is now designing a new partnership program to attract this target group.

60. Trust funds proposed in several countries in the late 1980s were seen primarily as financial mechanisms to channel proceeds from innovative fundraising strategies such as debt-for-nature swaps into protected areas. In

the period leading up to the UN Conference on Environment and Development, trust funds were proposed as means to provide resources for the implementation of national environmental plans and Agenda 21. Most of the conservation trust funds reviewed in the evaluation were established as integral parts of broader strategies. Examples of these linkages include:

- The Bhutan fund is virtually synonymous with that country's national environmental strategy, having financed many of the key components.
- FONAMA (Bolivia) provided both intellectual leadership and financial support to a consultative process for a national environmental strategy – although the strategy was not adopted by the government succeeding the one that created the fund.
- Jamaica's national parks trust fund was designed as an element of a broad USAID project that supported a national protected areas strategy and strengthening the conservation NGO community.
- The Belize fund was conceived as a financial mechanism to provide recurrent costs of a national protected areas system, and retains that objective among others – all consistent with national environmental priorities – developed during design.
- FUNBIO in Brazil was funded by GEF through the same project which supported the development of a national biodiversity strategy, although the synergy between the two components has not been as great as expected.

61. There are some differences between “parks” funds and “grants” funds in linkages to national strategies. Since the government owns the land where “parks” funds operate, it is essential that the fund work cooperatively with government and support a national strategy when it exists. Advantages include increased legitimacy, complementary funding from government budgets, and sometimes support in fundraising. Working within such a national strategy also provides opportunities

for trust funds to have upstream impact. In Mexico, for example, FMCN participates in the review of protected area annual operating plans, and has worked with the park agency to develop a more participatory mode of park management, adopted in the entire national system.

62. Experience in Peru demonstrates, however, that “parks” fund operations can be affected adversely by government officials unwilling to allow the fund to play a meaningful role in broader management issues, and by the absence of a strategic framework for protected area management. The Eastern Carpathians fund has also been disadvantaged by the failure of one of the three governments to participate actively.

63. “Grants” funds are typically less directly tied to national strategies. However, some “grants” funds find it beneficial to focus on one or more elements of a national strategy, as they define “niches” in which they can maximize impact. In Mexico, a government-led prioritization process, which FMCN helped finance, has enabled the fund to focus its grants on priority areas for biodiversity conservation. In Brazil, FUNBIO hopes to take the lead in linking the business sector to a new national biodiversity strategy. In Jamaica, EFJ plans to concentrate its environment resources on conservation “hot spots.”

64. The “grants” funds studied include high-ranking government officials on their boards and generally, the activities they support fall within the range of whatever national strategy has been adopted. However, most national strategies are quite broadly written; a conservation trust fund with a coherent strategy *outside* such objectives would be difficult to imagine.

FINANCIAL CONTRIBUTION TO BIODIVERSITY CONSERVATION

65. Most trust funds were established with the intention to leverage additional funds for conservation. In most countries studied, NGOs and businesses had no access to national sources of grants for environmental

activities prior to establishment of a trust fund. So, for private sector conservation activities, trust funds represent a significant new source of funding, at a level that almost certainly exceeds \$10 million per year on a global basis.

66. Most initial “parks” fund designs anticipated that the funds would eventually raise enough capital to assure the basic financial viability of a national park system or selected key components. The design process in many cases provided an opportunity for a full discussion of the issue of financial sustainability for protected areas and sustainable development priorities -- including issues such as capturing user fees for management activities; revisions in tax policies to allow for the collection of special taxes and to provide incentives for personal and corporate contributions to nonprofit conservation organizations; government support to fundraising efforts, particularly by facilitating support from international donors; and policies for “graduating” certain areas from full trust fund support to a mix of fees, appropriations, and other sources. With the exception of Mexico, these kinds of far-reaching discussions were rarely held.

However, in two cases (Bhutan and Brazil), GEF contributions were set up to encourage the establishment of enabling policies or the generation of additional funding, by disbursing in tranches, with the second disbursement dependent upon the achievement of benchmarks.

67. To date, the GEF has committed \$61 million to conservation trust funds (and disbursed \$46 million to the six with operating experience). These six established funds have raised or secured commitments for an additional \$33 million that flows through the trust fund budget. Most trust fund-supported projects also include a cash or in-kind contribution from the recipient. Some trust funds, notably the Foundation for the Philippine Environment, have formed partnerships with other funding organizations in an effort to increase the flow of funding to conservation. The team was not able to document the specific total amounts of additional funding leveraged by these means, but estimates that trust fund disbursements in total are increased in value by at least 50 percent by other contributions.

Box 5: Summary of Additional Funds Raised

Country	GEF \$	Other \$ (sources)
Jamaica JNPT	0	\$437,000 (USAID, debt swaps).
Jamaica EFJ	0	\$9.2 million (US Enterprise for the Americas)
Belize PACT	0	\$500,000/year (tourist tax)
Eastern Carpathians	\$300,000	\$300,000 (MacArthur Foundation)
Uganda MBIFCT	\$4.3 million	\$4 million (USAID, Dutch bilateral)
Peru PROFONANPE	\$5.2 million	\$17 million (debt reductions and direct bilateral assistance; \$500,00 in endowment capital from Canada, Finland, Netherlands)
Brazil FUNBIO	\$10 million disbursed \$10 million more	FUNBIO must raise \$5 million to “trigger” second tranche

	committed	
Mexico	\$16.5 million	FMCN has committed to raise \$5 million for endowment; park funding requires government to expend certain basic amounts to qualify for trust fund funding
Bhutan	\$10 million	\$11.4 million
South Africa	\$5 million	none to date (just starting)
TOTAL	\$61.3 million	\$52.5 million

68. Government contributions to grants funds have been provided in different forms. Mexico agreed during preparation of the original FMCN project to provide \$10 million to the fund over a period of years, with \$1 million given the first year. Belize allocates funds from its tourist tax to PACT. Other governments have not contributed funding except through payments linked to debt reduction agreements, which channel an obligation that the government formerly owed to a bank or foreign government to the conservation fund.

69. The record is mixed on whether government contributions to biodiversity conservation and protected areas systems have increased or decreased since the establishment of funds. In most countries, governments provide some budget resources to national parks. In Mexico the government shares financing of the operating costs of 10 parks with the trust fund based on a formula established during project design, assuring that the baseline does not diminish. The Peru fund finances some budget items previously paid by government, while the government has increased spending on other park-related costs. In Jamaica, the trust fund has financed most costs for the country's first two parks. The government has not met its commitment to provide annual contributions to the endowment, but it has provided some operating costs of two parks. In Uganda, biodiversity funding has recently increased, but mostly due to the large number of GEF and other external donor projects.

70. The majority of GEF trust funds have been "stand-alone" projects. Exceptions are (a) Brazil, where the trust fund is one of two components; and (b) the Eastern Carpathians, where all three countries had larger biodiversity projects (the trust fund was administratively a component of the Slovakia project). In the latter case, the trust fund was designed with clear linkages to other GEF activities. The GEF Slovak Republic Biodiversity Project finances management activities in the Slovak portion of the Biosphere Reserve, and the project coordinator served as president of the trust fund. The Ukraine project also supports the Ukrainian portion of the reserve.

71. In most countries, the GEF-supported trust fund is the only fund of its nature. In Peru and Uganda, there are government National Environment Funds that exist on paper, but do not have capital. In Mexico and Brazil, a national biodiversity council manages a small, non-endowed grant fund. CONABIO in Mexico finances biodiversity research and pilot projects. In Brazil, PROBIO's GEF-supported small grants fund may also finance biodiversity pilot projects. In theory, both of these funds could finance some of the same activities as the trust funds. In practice, demand far exceeds supply, and informal coordination between the funds has avoided any competition or confusion. In Brazil, several government-managed project funds provide grants to state and local entities, including NGOs and community-based organizations, but they do not invest and

RELATIONSHIPS WITH OTHER FUNDS

manage capital as endowment or sinking funds.

72. Another example of cooperation between two funds is the Foundation for the Philippine Environment and the Foundation

for Sustainable Society's formal memorandum of understanding encouraging co-financing and information exchange.

E. THE GOVERNANCE OF CONSERVATION TRUST FUNDS

KEY POINTS

The majority of experience indicates that funds are appropriately set up as non-governmental institutions with mixed public-private governing bodies, with non-governmental representatives in the majority.

There are several advantages of larger over smaller boards, in particular, the ability to establish working committees to deal with the diverse issues that funds must address: financial management, fundraising, technical oversight, and others.

Governing boards whose members are elected in their personal capacity, as opposed to formal representation of organizations, agencies or sectors, tend to develop a stronger sense of "ownership" of the fund as an institution, and work more effectively to implement the fund's mission. The more formally representative boards tend to see their role in terms of allocating resources among their agencies and sectors. Few of them do an adequate job of reporting to their constituencies and keeping them involved.

73. Building a strong, influential, cohesive board of directors that is representative of a conservation trust fund's diverse constituencies, that can serve as an influential voice for biodiversity conservation, and that can provide strong, sound direction and oversight for the fund is perhaps the single most important element in a trust fund's long-term viability and success. For this reason, the evaluation team examined closely how trust funds are governed, and how their governing systems have worked in practice.

74. Conservation trust funds are typically governed by boards of directors or a group of trustees, depending on their legal basis. Even in the few that have general assemblies or other broader bodies (e.g., Mexico, Guatemala, Jamaica EFJ), the boards are the principal decision-making bodies. These boards vary in size, between relatively large ones in Mexico, Brazil, and the Eastern Carpathians (14-18 members) to smaller ones (5-9 members) in Bhutan, Peru, Uganda, Guatemala, Belize, South Africa and JNPT and EFJ.

75. Who is involved in the governance of trust funds? Except for the funds in Bhutan and Bolivia, which are government organizations, the funds studied are private institutions and have governing bodies with members from the public and private sectors. Even the government funds have taken, or are planning to take, steps to bring non-governmental groups into their governing structures: FONAMA's administrative committees (which oversee its various "windows") include NGOs, and the Bhutan fund board will include business and national NGO members by 2001. Of the funds evaluated, only FCG in Guatemala has no government representatives on its governing body (administrative committee).

76. Government members of boards represent specific positions, e.g., the minister of environment, director of the protected areas system. Even though they are private organizations, two of the "parks" funds evaluated (Peru, Uganda) require that the board president be one of the government representatives, although the government does not make up a majority of the board membership. Government officials formally

name all fund board members in Belize, EFJ and Peru. In Mexico and Brazil, however, government representation is limited to one or two members of relatively large boards. In South Africa, the trustees of the Table Mountain Fund include government representatives although they serve in their individual capacity.

77. Non-governmental members sometimes formally represent NGOs, business, academia or other sectors (for example in Peru, EFJ and Uganda), and are often elected by their constituency organizations. In other funds, however, board members are individuals serving in a personal capacity, selected to reflect the needs of the fund and the diversity of its constituencies (e.g., Mexico, Brazil, JNPT and the Eastern Carpathians). Most of the funds studied also include at least one representative of a donor agency, although not always with voting power.

78. In addition to governing boards, the team observed a variety of other mechanisms used by conservation trust funds to involve key actors and stakeholders. Board committees that focus on specific aspects of a fund's program or management often include outside members. Several funds, including those in Mexico, Uganda and Brazil, involve a number of people within the conservation community in the review and evaluation of grant proposals. The MBIFCT in Uganda receives input from local steering and advisory committees that include broad representation of communities and academic organizations with a stake in conservation and protected area management. PROFONANPE in Peru has a technical committee which makes input on its annual work plan. FMCN in Mexico has an "international committee," which serves as a vehicle for exchange of information between the fund and international NGOs and donors, and a source of support to the fund from these organizations.

79. The evaluation team found that for a conservation trust fund to realize its potential, it is important that its board see itself as the directors of an independent organization with

institutional objectives, not just a forum for deciding how to divide the fund's resources. The team concluded that boards made up of individuals reflecting the needs of the fund and the diversity of its constituencies – but serving with a primary obligation to the fund itself, and not to the sectors they represent – work better than boards whose members are elected to formally represent the interests of the sectors or constituencies that nominate them. The latter can increase political influences and decrease the board members' sense of ownership in the fund itself.

80. A key attribute for successful boards is the integrity of its members and the respect within the community that comes from this. The team also found that boards made up of members drawn from diverse sectors (e.g., Mexico, Brazil) are able to cover within the board membership a wider range of functions than boards with limited sectoral expertise. This diversity of membership is a key factor in establishing effective specialized committees that are linked directly to the fund's governing body. This has been especially important in the area of financial and administrative oversight. Some funds have tried to put in place other mechanisms (e.g., technical committees) to provide access to a broader range of expertise. While this has been important in relieving pressures on otherwise very busy board members and in expanding the pool of talent on which the funds can draw, the absence of formal linkages to the governing structure has sometimes limited their effectiveness. The active participation and leadership of prominent business people who bring a private-sector management perspective has proven extremely important for the successful operation of conservation trust funds.

81. Although trust funds are generally private organizations, the government remains a significant actor in almost all of the funds examined by the team. This has been an important way that trust funds have maintained linkages to public policies and programs. On the other hand, several funds have been adversely affected by the nature of government participation in their governing

bodies. In Peru, a fund originally intended to support both government and NGO activities related to protected area management has been dominated by the government membership on its board. Funding during PROFONANPE's first two years of operation has gone almost entirely to activities carried out by the government agency headed by its board president. In some cases, government representatives on trust fund boards have shown little interest in the fund and their responsibilities as board members, or have changed frequently as different individuals were assigned to the positions represented on the board.

82. The boards of several funds evaluated include formal representatives of non-governmental groups. Even where this is not the case, at least the initial board membership was selected as a result of broad consultative processes with a large number of stakeholders, often carried out across the country or area of focus of the fund. Most funds also reach out beyond their boards of directors to include others in technical committees or their project selection processes. Nowhere did the evaluation team observe, however, a governing structure of a conservation trust fund explicitly functioning as a forum for continuous discussion among various stakeholder groups as a means of creating better understanding around issues related to biodiversity conservation and sustainable use. Several of the funds give an important emphasis in their *programs* to education and awareness, and to involving community and other groups in conservation and management activities, but there is little evidence of the funds' *governing bodies* themselves playing this role in an active way. In fact, in those cases where boards do operate on a representative basis, in general more attention by these board members is needed to providing feedback to, and receiving input from, the constituencies they represent.

83. Because most of the funds studied are still relatively young, they have not yet experienced transitions in leadership. Based on the experience of some other funds, this would appear to be an area where continued

attention is warranted. EFJ in Jamaica and MBIFCT in Uganda have new executive directors, and their experience will provide insight into how transitions affect achievement of objectives, and interesting lessons for other trust funds. Where transitions have occurred in board leadership or in the executive management of the funds included in the evaluation, they appear to have gone smoothly. The exception was in Peru, where a difficult transition between executive directors set the fund back by at least a year. PROFONANPE also faces a major change in almost all of the members of its board of directors this year.

84. One particularly important factor affecting the ability of boards to make smooth transitions is the planned frequency of rotation of (non-governmental) members and the ways new members are selected. Bringing new people onto boards at regular intervals is an important way to build awareness of and "ownership" in a fund, as well as to get fresh perspectives and ideas into the leadership of the organization. However, care needs to be taken to provide continuity by staggering terms. Based on the experience of the funds examined by the evaluation team, it appears that boards which themselves nominate new members based on the fund's needs and criteria reflecting the diversity of their constituencies are more able to weather membership transitions than those whose members are formally elected by specific organizations or networks (and/or whose boards include many government representatives whose tenure is not predictable). Funds that have various committees with a role in governance issues are often able to draw on these groups for candidates for board membership, as committee members who are not on the board have an opportunity to develop relationships with the trust fund and demonstrate what they can contribute.

85. Donor agencies have generally played a helpful and facilitating role when represented on the boards of conservation trust funds. However, it is important that donor representatives have the fund's interest

foremost in mind when serving as a board member. The team observed a situation in which a donor agency's own interests in programs implemented through or associated with the fund, and with beneficiaries of the fund's programs, reportedly influenced its representative to vote in a manner that was not necessarily in the interests of the fund's long term mission and objectives. Periodic rotation of donor representatives also would appear to be a good idea, although to date this has not occurred in the funds observed. Finally, the extent to which donors exercise control over key decisions about how a fund's resources are used affects the ability of boards to become true leadership bodies for their organizations.

86. The leadership and management skills that boards and executive directors have brought to conservation trust funds have varied greatly. It probably goes without saying, but the relationship between the board and staff, especially the executive director, is extremely important to the effective functioning of a trust fund. Where a harmonious and synergistic relationship has been present, the fund has excelled; where it has not, the fund has floundered. An ingredient that is essential for this relationship to work well is a clearly-articulated set of responsibilities for each which reflects a balancing of the leadership and management workload between the two. This does not come easily, but it greatly helps define the skills needed by both the board and the executive leadership of the fund. In this regard, the experience of the funds examined for this evaluation indicates that management

skills are more important for fund executive directors than technical background in biodiversity conservation. That said, it has proven to be very important for a fund to have technical people on its staff.

87. The funds with larger boards made up of individuals (rather than elected representatives) in countries with diverse and robust economies, e.g., Mexico and Brazil, have tended to have within their board membership the skills and resources needed to oversee the complex variety of fund activities and governance responsibilities. Funds with smaller boards and in countries where there is less diversity of expertise to call on have had more difficulty in this area.

88. In several of the funds studied (EFJ, PROFONANPE, FONAMA's EAI fund) boards have limited their focus to oversight of the grant selection process, or in other respects have not fully developed their policy or strategic planning roles. Most of the boards studied have yet to take, or were just beginning to take, an active role in fundraising. Board development, focused on building governing bodies that carry out the full extent of their roles and responsibilities, is a capacity-building need expressed by several of the funds. However, there has been little in the way of training or technical assistance provided to boards as part of GEF or other support to conservation trust funds, even though the explicit objectives of these projects were often to support the establishment of the fund. This is an area in need of more attention in the future.

Box 6: Creating a Strategic Focus for a Grant-Making Program

The Mexican Nature Conservation Fund has a broad mission – “to conserve the biodiversity of Mexico and ensure the sustainable use of natural resources through the promotion of strategic actions and medium to long-term financial support.” Civil society organizations compete for grant awards on an annual basis, with a single call for proposals issued each April. The evolution of this trust fund’s strategic focus through three funding cycles provides an example of how a fund can refine its criteria and procedures to give its program coherence and increase the chances of achieving impact.

The first call for proposals (1996) brought in more than twice as many proposals from research institutions as from NGOs and community groups, which FMCN wanted to support. In part, this reflected ambiguous eligibility criteria and the fact that research institutions had more access to the media used to announce the grants program. In addition, proposals received from NGOs and community groups often fell short of FMCN’s standards. To change this balance, the second call focused on field-level activities and looked for linkages to conservation priorities established in a national process partially funded by FMCN and led by the National Council for Knowledge and Use of Biodiversity (CONABIO). FMCN also funded organizations who could assist NGOs and community organizations in the design and preparation of projects in priority areas.

When the third call for proposals was issued in 1998, FMCN had increased the linkage of its funding to the CONABIO process; had developed a strategic plan; had used feedback from the first two cycles to refine both the call for proposals and the selection process; was working on a logical framework for the grants program identifying biodiversity conservation and institutional strengthening objectives and how to measure results; and was coordinating with CONABIO and other organizations that finance projects to avoid duplication of projects and share information about proposing organizations.

92. In general, the more focused programs have more efficient selection processes, while broader-purpose funds that maintain “open door” policies to any qualified project proposer often struggle to process large numbers of applications. Several of the funds visited were considering limits on the number of new projects to take on (i.e., focusing on fewer, larger projects rather than many small ones) due to limited staff for supervision and monitoring.

93. Several of the funds studied have exceedingly burdensome and bureaucratic administrative procedures, of a type more suitable for large government agencies than for the agile private institutions funds were envisioned to be. These procedures increase administrative costs, as well as transaction costs for potential recipients. In some cases

they are a barrier to access by potential recipients. Sometimes extremely close supervision and insistence on application of World Bank procurement and disbursement management policies may be necessary because of the situation in the country, but in some cases these procedures have been adopted at the insistence of the donor when national conditions did not seem to warrant such action. Brazil is an example of a fund established in an existing institution, where it would have been appropriate for the implementing agency (World Bank) to review and certify that institution’s administrative, financial management, grant management, and procurement procedures, rather than imposing its own. In some countries, rather than establish grant-making procedures “de novo,” trust funds have the opportunity to adopt elements of small-grant making

procedures successfully used by private foundations and donors (e.g., Jamaica's Green

Fund and the Boticario Foundation in Brazil).

Box 7: The Grant-Making Cycle

"Parks" fund

- Protected area staff prepare annual operating plans and budgets, involving stakeholders in consultations.
- Trust fund determines eligible activities and allocates resources according to priorities for each protected areas (may be determined at design or by board in ongoing oversight).
- Disbursement schedule agreed; disbursements made according to schedule, with receipt/review of financial and technical reports generally required before each subsequent disbursement.

"Grants" fund

- Board determines funding priorities and amount available for current cycle. Call for proposals issued.
- Concept papers or full proposals reviewed by technical committee; recommendations made to board
- If concept papers were reviewed/approved, proposing organizations prepare full proposals, technical review and recommendations step repeated. Some funds provide technical or financial assistance to organizations preparing full proposals from approved concept papers.
- Board approves projects. Grant agreements or contracts prepared; funding disbursed according to schedule, with periodic review of financial and technical reports.

SKILLS AND TRAINING

94. Generally funds have been able to recruit locally for technically qualified professional staff (although external assistance has been important in some cases to help them develop their roles as institutional leaders). Funds need to strike an appropriate balance between paying enough to attract good people and creating conditions in which their own staff exhibit dedication and commitment commensurate with that of their grantees. This is a difficult balance to strike, and a few funds have experienced image problems when grantees (financially struggling local organizations) perceive that a large share of available funding is spent on the salaries of capital-city staff.

95. The GEF has not systematically provided training and capacity-building for trust funds, and the helpfulness of task managers has varied. Uganda's task

managers were, together with in-country USAID staff, the primary source of technical assistance, while in the Eastern Carpathians, frequent turnover in project management and lack of coordination among the three GEF/World Bank projects meant that the Foundation got little help or advice on its management and development. The funds visited expressed a strong desire for additional training and networking to build their own capacities in such areas as board development, fundraising, project appraisal, monitoring and evaluation, and capacity-building among grantees.

OPERATING COSTS

96. Most funds have been able to keep their operating costs in the 20-25 percent range (and some below 20 percent) but this has come at some cost to the funds as institutions, particularly in their ability to develop technical expertise. The range among the

funds studied was 10 percent (Jamaica National Parks Trust, which pays an administrative fee of 10 percent of trust income to its home institution, the Jamaica Conservation and Development Trust) to more than 30 percent (Uganda's MBIFCT, which operates essentially as an intermediary NGO itself, providing extensive project support to recipients; the Eastern Carpathians Foundation, whose tiny endowment generates only \$30,000 in revenues per year; and Bolivia's FONAMA, whose operating costs were running at \$850,000 per year in 1995). In general, the smaller the endowment, the more difficult it has been to stay within operating cost ceilings.

97. The analysis of operating costs was complicated by the lack of clear, consistent guidance from the GEF on the issue. Different "ceilings," as well as different criteria for setting those rates, have been applied to different funds. In addition, the definition of what is counted as administrative or operating costs has varied.

98. The evaluation team applied the following criteria:

- **Operating costs** are the day-to-day "costs of doing business" for a trust fund. These typically include the annual costs associated with basic trust fund operations: staff salaries, board meetings, office expenses, equipment and maintenance, costs associated with managing the endowment, and program management (project selection, supervision, and evaluation). Operating costs also include the costs associated with a fund's role as an institution. These include participating in the development of biodiversity strategies and policies, constituency building for biodiversity conservation, coordination with other funds and biodiversity projects, dissemination of experience and lessons learned, networking, and fundraising.
- **Institution building costs** are generally start-up costs incurred primarily in the fund's first year or two, although training and consultations may continue even as the fund matures. These costs include training of the trust fund's own personnel, development of an

operations manual and other key documents, legal fees related to applications for tax exemption, orientation for board members, and similar activities.

- **Program support costs** are the services provided to build capacity of recipient organizations, share technical expertise, and support recipients and potential recipients in ways other than direct supervision. In some cases, development of the absorptive capacity of NGOs or other potential grant recipients is the role of institutions other than the trust fund (e.g., an umbrella NGO organization in Jamaica). When a trust fund decides to provide support for increasing recipient capacity, it typically does so either (a) through project funding, making grants or entering into contracts with organizations skilled in that area (an approach used by FMCN in Mexico) or (b) through direct technical assistance (Uganda, Philippines) provided by trust fund staff.

MONITORING AND EVALUATION

99. Trust funds generally carry out project monitoring by reviewing periodic reports, making field visits and, in some cases, requiring approval of even minor changes from original plans. Report requirements are quite detailed and focus on tracking expenditures and meeting target dates as set out in proposals and project plans. Reporting requirements generally are standard, whether the recipient is a young, small organization receiving \$50,000, or an experienced organization receiving a much larger grant. Several representatives of seasoned organizations interviewed by the team felt that the administrative burden of trust fund reporting requirements was excessive.

100. Few funds conduct technical monitoring of activities or focus their monitoring on outputs and overall objectives. The ability of funds to visit project sites is a function of staff size and the number of projects financed.

101. Comprehensive project evaluations are rare. End-of-project reports are normally prepared by the grantee. Of the trust funds

studied, only FMCN (Mexico) uses a logical framework to provide a consistent basis for project appraisal, monitoring and evaluation. The Bhutan fund established and met benchmarks for establishing “the legal, institutional, and technical framework [for conservation] and expanding implementation capacity” in its first five years of operation; however, during these years, it was financing a detailed program of activities spelled out at design, rather than selecting projects and activities proposed by government or private

organizations. FONAMA (Bolivia) designed a technical monitoring system, but it has not functioned well. PROFONANPE (Peru) contracted independent evaluations of three NGO pilot projects funded by Germany, but has no system for monitoring impacts in the park system. Among the funds visited, only FMCN had detailed plans to carry out impact evaluation, building impact indicators into both NGO projects and protected area activity plans.

G. ASSET AND FINANCIAL MANAGEMENT

KEY POINTS

Trust funds (including four of the six mature GEF-supported funds) have leveraged substantial additional funding for conservation. However, there is little diversity in the donor base and few contributions have been made as endowment capital.

Future fundraising prospects are mixed.

The GEF-supported funds have successfully applied an asset management and asset manager selection model developed by the World Bank. All but one of the GEF-supported funds have met investment return objectives through 1997. Professional asset managers have performed as well or better than benchmark indices against which funds monitor their performance.

Few funds have all the necessary financial expertise in-house and thus need (a) financial expertise in addition to asset managers, and (b) technical assistance and training to ensure that key staff and boards understand the principles guiding investment strategies and make informed decisions.

FUNDRAISING AND GENERATION OF ASSETS

102. Four of the GEF-financed conservation trust funds have raised substantial financing from other sources (see Box 5), but except in Bhutan, very little of this is endowment capital that will contribute to their long-term sustainability as trust funds. PROFONANPE (Peru), for example, received \$5.2 million from the GEF and has raised an additional \$17 million, primarily through debt reduction agreements and direct bilateral assistance. This funding would not have been available for conservation if PROFONANPE had not pioneered the debt swap mechanism for conservation in Peru. However, less than

\$500,000 of the additional funding generated has been added to the endowment (FONANPE). The remainder comprises sinking funds with 6-10 year horizons.

103. The fund most successful to date in raising endowment capital from sources in addition to the GEF has been Bhutan, which received \$10 million from the GEF and raised additional endowment capital of \$11.4 million from WWF, Switzerland, the Netherlands, Norway, Finland, and Denmark. Although many factors were involved in this fundraising success, including the Royal Government of Bhutan’s integrity in managing the trust, a clear set of achievable conservation

objectives, and existing links with Scandinavian aid agencies, it was also useful that the World Bank's grant agreement established the GEF disbursements in tranches. Release of the first tranche was conditioned upon, among other considerations, securing \$2 million in other donor contributions. (The second payment was conditioned upon meeting policy and park establishment targets.)

104. There is not much diversity in the donor base. Half a dozen bilateral donors (US, Canada, Germany, Netherlands, Switzerland, Finland) have provided funding primarily through debt reduction agreements, although some have provided direct donations. The John D. and Catherine T. MacArthur Foundation has contributed endowment capital to one fund and funding

to expand the project portfolio of several others.

105. Future fundraising prospects are mixed. Few donors are willing to provide endowment capital, although funds and their donors hope that if it is demonstrated that funds are sound mechanisms for achieving conservation, some donors who have previously adopted a "wait and see" attitude may support endowments. There are prospects for additional debt negotiations in some countries (particularly in the Asia/Pacific region) that could generate endowment capital. The most promising areas at present are innovative local sources such as tourist taxes and user fees, and structuring non-endowment co-financing so that it returns interest to the endowment (see Box 8).

Box 8: Fundraising Innovations

The Protected Area Conservation Trust of Belize raises \$500,000 per year through a \$3.75 tax on tourists entering the country by plane or cruise ship.

The Mgahinga-Bwindi Impenetrable Forest Trust of Uganda raised project funding from bilateral donors to support its operations and grant portfolio during its first seven years, so that income on the endowment capital provided by the GEF could be added to the endowment rather than spent. The initial GEF endowment capital has grown from \$4.3 million to \$5.6 million (expected to reach \$7.5 million by the time the bilateral funding concludes).

The Foundation for Eastern Carpathian Biodiversity Conservation and the Foundation for the Philippine Environment raised funds from the US-based John D. and Catherine T. MacArthur Foundation to support operations during the start-up phase and to fund an early tranche of projects, which enabled them to have a more diverse portfolio and build a better track record early than they would have been able to accomplish living solely on earnings from endowment.

PROFONANPE in Peru agreed with two of its donors to capitalize interest income from debt swaps and traditional projects. In part to offset an unexpected devaluation applied to a debt swap, Finland agreed to provide PROFONANPE a small grant contribution to its endowment and to allocate all interest earned on the swap proceeds to the endowment. Similarly, GTZ agreed to disburse up-front the entire amount of a 6-year project and to invest it, in effect, as a sinking fund. PROFONANPE expects this will allow project activities to be extended to 10 years and still leave substantial interest income for its permanent endowment.

Funding innovations outside the group of funds examined but brought to the team's attention by reference group members and others included a new fund starting in Ecuador that will conserve the watershed that supplies the capital city, using funds raised from a fee added to water bills.

ANNUAL FLOW OF FUNDING GENERATED:
INVESTMENTS AND RETURNS

106. Generally, investment income of GEF supported funds has been adequate to cover administrative costs and initiate program activities. Every GEF fund except the Eastern Carpathians met its targeted annual total return objectives through 1997. Part of the non-GEF portion of the Mexico portfolio, however, has been a low performer for several years, and the (non-GEF) Jamaica funds, after initially receiving high returns, are currently suffering from the downturn in the Jamaican economy and stock market. It is important to bear in mind, in the analysis of two to five years of returns, that the past three years have been exceptional in terms of performance for international financial markets and that US inflation, an important factor in targeting returns for GEF-supported funds, has been very low. Investing substantial amounts in emerging markets – a practice not usually consistent with the conservative investment principles of the World Bank model -- is an issue particularly for PROFONANPE (Peru), both Jamaica funds, and the Table Mountain Fund (South Africa).¹

107. Professional asset managers, drawn in all GEF cases except Peru from major international investment firms, have performed as well or better than the benchmark indices against which funds monitor their performance.

108. Early investment strategies (Bhutan, Uganda, Peru) were designed in large part by the asset management firms. The general

¹ Current volatility in international financial markets will further test the validity of the conservative investment strategy with active portfolio management approach adopted by many of the GEF-supported funds. Under this approach, funds can meet their program objectives by achieving a total return in the 8 percent range: asset manager performance is monitored against a simulated low-risk portfolio, creating a strong incentive for investment managers to promptly correct course in light of the current situation. Funds' short term programs are unlikely to be affected by the current volatility since the funds (1) are not yet spending their endowment income and/or (2) have accumulated reserves either because of slow spending start-up or investment performance exceeding objectives through early 1998.

indices (broad world or local indices) for evaluating performance were usually chosen by the asset manager. Initially, reporting by investment firms was selective and did not always facilitate performance monitoring by funds. Funds were often slow to respond to advice from asset managers, generally because they did not fully understand investment performance and the value of asset management services. Nevertheless, funds were generally satisfied with the level of their investment earnings.

109. There were several instances of inappropriate initial investment strategies (Bhutan, Eastern Carpathians, Philippines). In some cases, overly conservative strategies resulted in insufficient revenue to carry out full program activities (Bhutan is the notable example, although the Bhutan fund had an adequate alternative source of funding to carry out its programs during the period when endowment income was low.) Other funds did not diversify their portfolios, or exposed their assets to high risk, particularly by concentrating investments in the fund's own country or region (e.g., Latin America). It was necessary for the World Bank to provide considerable financial expertise to Peru's PROFONANPE and its asset manager, in part because the investment profession was newly formed following privatization of the Peruvian banking sector and because of the higher risk inherent in emerging markets.

110. In 1996, a review² of funds' investment strategies and selection of asset managers concluded that while fund investments had achieved their target total return, and asset managers had attained their contractual performance indices, better performance is possible when (a) investment strategies are explicit in setting goals appropriate to long-term investors; (b) initial and annual cash needs (net income) are rigorously determined; (c) benchmarks or simulated portfolios with market and asset class specific indices (rather than a general world index) are used to monitor performance; (d) asset manager

² Financed by Canada through the Consultant Trust Fund managed by the World Bank for the global environment.

contracts and reporting address funds' specific situations and monitoring needs; and (e) target performance is set above the benchmark results. These principles of "active management" were applied to the Brazil and Mexico GEF portfolios with excellent results. Those portfolios have outperformed their benchmarks and market performance overall.

111. A lesson highlighted by the case of Peru is that investment strategies should be revisited regularly, particularly in high-risk markets, and action taken promptly by the fund's board when conditions change. Peru's investment strategy, which placed hard currency capital in an emerging market, was considered during design to be lower risk than the possible attachment of its capital by creditors of the insolvent government. When Peru came under the Brady Plan, risk factors should have been revisited. PROFONANPE hesitated to make changes (and the World Bank did not emphasize the urgency of revisiting the strategy in its supervision of the project), due in part to continuing high local market returns. This proved costly when the Peruvian market suffered a downturn in 1997. This has significantly lowered annual returns. Liquidation to reinvest in lower risk financial markets of OECD countries will lead to losses.

SELECTION OF ASSET MANAGERS

112. World Bank-supported funds investing in major international financial markets (Mexico, Bhutan, Uganda, Brazil) have selected asset managers based on competitive proposals sought from a nationality-diversified list of internationally recognized investment firms. Both industry standard and the World Bank's QCBS (Quality and Cost-Based Selection) practices have been used with equally satisfying results.

113. Funds investing locally have used local competitive searches (South Africa, Eastern Carpathians, Peru). For local currency endowments, in the absence of deep capital markets and a fully functioning investment profession in the home country, funds often rely on banks (generally identified through

relations with board members) for advice and tend to invest in short-term instruments such as treasury bills (Guatemala). In the case of Peru, a nascent private banking sector limited the number of candidates for asset manager. The three candidate banks/investment firms were so dissimilar that there was no basis for comparison.

TECHNICAL ASSISTANCE AND CAPACITY-BUILDING

114. Bhutan, Brazil, Uganda, South Africa, and Mexico all benefited from international financial expertise to assist with preparation of initial investment strategies and guidelines as well as selection of an asset manager. Assistance was provided to the Eastern Carpathians Foundation by WWF and the MacArthur Foundation but was limited to selecting a bank to invest the foundation's capital. Given the small size of the capital, the focus was on fee minimization rather than a strategy to achieve a targeted return with an acceptable level of risk.

115. Funds in several cases have a limited pool of in-country expertise upon which they can draw to ensure a sophisticated level of investment knowledge at the board, fund director, or staff levels. Several funds have had to rely on outside advice to monitor investment and asset manager performance, with little expertise of their own to evaluate the advice or to analyze investment strategies in the face of dynamic market situations. Their ability to monitor effectively is limited not only by their own expertise, but also in several cases by less than full responsiveness by asset managers. The World Bank provided initial assistance with establishing guidelines but made no provision to continue financial counseling as part of fund operations. Mexico and Brazil, however (the two funds able to call on the most sophisticated pool of knowledge from their board, staff, and advisors), have engaged at their own expense professional financial advisors to supplement their in-house expertise.

Box 9: Investments and Returns (GEF Funds Only)				
Fund	Target Return	Markets	Asset Manager Location	Total Return (1997 annual)
Bhutan	US Inflation + 6%	80% US 20% Int'l (non-emerging)	Netherlands/US	16.35%
Peru	Average dollarized return over 3-year period: 5% above US inflation	80% local (Peru dollarized) 20% US	Peru	9.2%
Eastern Carpathian	6.6% total return	US	Switzerland	5.43%
Brazil	US Inflation + 6%	95% US 5% Brazil**	UK	10.8%
Uganda	US Inflation + 6%	Int'l (non-US) US*	UK/ Channel Islands	7.96%
Mexico	US Inflation + 6.5%	US	US	13.6%***

Note: US inflation for 1997 was about 2%

* As of 1998, investments in the US markets were growing as a share of the total portfolio.

** FUNBIO's investment guidelines permit up to 15 percent of assets to be invested in Brazil.

***GEF funds were first invested 8/97; returns shown through 6/98.

116. In the case of Mexico, the World Bank provided technical assistance to review FMCN's investment management practices at the time the Mexico Protected Areas Project was restructured to operate through a fund. FMCN, a fund whose board includes considerable financial expertise, recognized the value of professional counsel and hired a financial advisor to help with the restructuring of its portfolios, guide investing of USAID funds (\$19.5 million), prepare investment guidelines for the GEF capital (\$16.5 million), monitor performance of FMCN's three asset managers, keep its investment strategy current, and assist with debt swaps. This same approach could provide a cost-effective solution for any fund that cannot maintain the required level of expertise on its board or staff. Normally, this assistance should be considered a legitimate cost of doing business, and operating cost

targets should not be so restrictive as to preclude it.

117. Donor-provided technical assistance to prepare an investment strategy and select an asset manager has generally provided little lasting knowledge of asset management within the fund, because it focused on the process of preparing guidelines and selecting an asset manager, and assumed all investment needs would be met by the asset manager. Client responsiveness of asset managers has been less than expected and levels of knowledge in funds very limited in general. This points to a need in most funds for (a) financial expertise in addition to asset managers; and (b) financial training for key staff and board members to ensure they are well informed in making decisions and understand principles guiding their investment strategy.

RESPONSIBLE INVESTING

118. The evaluation team noted that many of the funds analyzed are interested in “responsible” or “green” investing, but have limited capacity to develop such a strategy. This is due to several factors:

- There is little actual experience with this concept, beyond in a few cases specifying to the asset manager certain stocks or categories of stocks in which they did not wish to invest (logging, toxic wastes).
- In the early years, most funds must maximize income (for a given level of risk) to ensure operating funds, making restrictive guidelines counter-productive.
- Practical guidelines for establishing and implementing a “responsible” investment strategy are not available. Principles and

implementation of responsible investing practices have been noted as a priority for capacity-building by national environmental funds participating in Interagency Planning Group workshops in both Latin America and Asia/Pacific.

119. Bhutan and Mexico have specific clauses in their investment guidelines to ensure their investment philosophy is consistent with their institutional mission. Bhutan’s board is charged with developing responsible investment guidelines for use by the asset manager. FMCN’s guidelines minimize investments in companies with poor social and environmental records and delegate individual investing decisions to the investment manager.

IV. CROSS-CUTTING CONCLUSIONS

A. ADVANTAGES AND CHALLENGES OF CONSERVATION TRUST FUNDS

120. The terms of reference for the evaluation listed a series of advantages and drawbacks or challenges often attributed to conservation trust funds. This section presents the team's findings on each of those hypotheses.

121. Of the frequently cited *strengths and advantages*, the evaluation generally confirmed that:

- *Funds can absorb major amounts of funding and disburse it over time consistent with the absorptive capacity of recipient organizations.* In virtually all of the “grants” funds studied, the ability to time and size grants to meet – and build – absorptive capacity of governmental and non-governmental organizations was cited as an advantage over traditional ways of implementing projects.
 - *Funds often have participatory structures that involve a wide range of stakeholders—e.g., governing boards, technical advisory committees, and/or project selection committees that include representatives from indigenous peoples groups, community organizations, local and national government agencies, private businesses, the academic community, and international donor or NGO representatives.* Even the government or government-dominated funds (Bolivia, Bhutan, Peru) had established some level of participatory structure – technical advisory committees, sub-account administrative councils, requirements for participatory planning processes by grantees. Uganda’s MBIFCT, the Environmental Foundation of Jamaica, and the Mexican Nature Conservation Fund are outstanding examples of meaningful stakeholder participation in decision making processes.
 - *Funds can be politically independent of particular administrations or parties, and can provide continuity from one government to another.* Not all of the countries studied had experienced a change of administrations or parties. In only one case – Bolivia, a government fund – was a turnover of government disastrous to the fund’s ability to continue its programs, and in that case, the problem is being addressed in part by setting up the major grant-making account as a separate, private foundation.
122. There was limited evidence in support of the following:
- *Funds can provide a stable, long-term source of funding for biodiversity conservation, not only to cover recurrent costs, but also to smooth out year-to-year fluctuations in project funding. This can also provide a better basis for long-term planning and strategy implementation.* In general, the team concluded that it was too early to tell whether this advantage will be borne out over the long term, although it appears to be the case for most “parks” funds. (Mexico and Bhutan, and a probable outcome in Uganda and Belize.)
 - *Funds are able to attract a diverse range of national and international funding sources.* The funds studied tended to have one to four sources of funding. A few – notably Peru – had attracted non-endowment funding from a variety of sources (but largely a single mechanism, i.e. debt reduction agreements). There are examples of funds capturing funding from innovative and national sources (notably Belize) but none of a fund fully tapping the diverse range of sources theoretically available, particularly for endowment capital.

- *Environment funds can operate quickly and responsively to a variety of organizations that have relatively limited institutional capacity, avoiding much of the bureaucracy of large donor or financial agencies.* Several funds have highly bureaucratic administrative procedures, often at the insistence of the donor. However, there are also examples of funds that have been highly responsive to NGOs and local communities, in particular, the Mgahinga-Bwindi Impenetrable Forest Conservation Trust and the Foundation for the Philippine Environment.
- *Funds can provide a vehicle for collaboration among government and non-governmental organizations in defining funding priorities, and for constructive engagement with the private commercial sector.* Mexico, Brazil, Guatemala, South Africa, and the Eastern Carpathians are examples of funds that do facilitate such collaboration and constructive engagement. The two government funds and one government-dominated fund studied did not achieve this result.

123. Of the most frequently cited **challenges and potential drawbacks**, the team found that three are significant problems, at least in some funds. These are:

- *Trust funds can tie up substantial amounts of scarce resources for conservation and development to generate often modest amounts of income, some of which, in turn, is spent on administering the fund.* In applying this question to each of the funds studied, the most common answer was “Yes, but...” (a) most funds have invested their endowment capital wisely and have generated returns nearly equivalent to the opportunity cost of capital; (b) operating costs vary but are probably not substantially greater than the true administrative costs of project management; and (c) tying up this capital extends the benefit stream for many more years than a project benefit stream.

- *The additional and steady flow of resources from environment funds can relieve pressure for continuing or increased government or donor expenditures on conservation and sustainable development, resulting in decreased government or donor spending and commitment in these areas.* This is a problem in the Jamaica National Parks Trust, and potentially a problem in Peru. Mexico provides a case study where the trust fund has actually leveraged increased government commitments to protected areas. In Uganda, MBIFCT has “picked up” some community development projects that the government had planned to support but dropped when it reduced the amount of funds available for community revenue sharing.
- *In the GEF context, it may be difficult in practice to pass on to individual activities financed by trust funds GEF-specific criteria such as incremental costs and achieving global environmental benefits.* As discussed in Chapter III.C, “parks” funds have an easier time of meeting this standard than “grants” funds. However, all of the GEF-financed “parks” funds, as well as the Brazil “grants” fund, were in fact focusing their programs on areas identified by the Convention on Biological Diversity as global priorities.

124. Challenges and drawbacks that have in practice proved to be surmountable include:

- *Funds require highly technical and sophisticated management skills to safeguard the fund’s capital, provide a predictable income stream in sometimes volatile economic environments, and create a participative and transparent governance structure involving multiple stakeholders.* There are two dimensions to this issue. On the one hand, the funds studied have generally been able to recruit nationally for staffs, boards, and advisory committees with good technical qualifications. On the other hand, funds have needed technical and capacity-

building assistance related to their functioning as institutions – governance, fundraising, capacity-building for recipients, and investment oversight. This assistance has been available to some extent, but the demand still exceeds what is available.

- *There can be enormous pressure to disburse funds, particularly after lengthy start-up phases, which can lead to an erosion of capital assets and excessive project-focus, financing a profusion of activities without developing clear strategies.* There are no documented cases of erosion of assets due to pressure to disburse. However, the “grants” funds in particular often struggle with a profusion of proposed activities and difficulty in developing clear strategies. The Mexican Nature Conservation Fund is an example of a trust fund addressing the “profusion” problem by iteration of increasingly strategic program priorities, linked to conservation outcomes (see Box 6). Another example is the Foundation for the Philippine Environment, which concentrates a large percentage of its activities in geographical areas selected for their biodiversity importance in order to maximize impact. Belize’s Protected Areas Conservation Trust is an example of a fund that has focused thematically, on activities such as protected areas, eco-cultural tourism, and archeological sites.
- *Funds can be overwhelmed with demands for resources from a variety of sources (often well beyond the environmental groups originally involved), and with efforts to effectively accommodate the involvement of a large number of diverse stakeholders.* This, too, is more of a problem for “grants” funds than for “parks” funds. Several funds initially overwhelmed by demands have developed effective measures to define a niche and structure participation and selection criteria. In addition to the examples discussed in the preceding paragraph, the Mgahinga-Bwindi Impenetrable Forest Conservation Trust – which received 4,750 applications in response to its first call for community proposals, when it had intended to fund 50 – demonstrated an adaptive response. The trust fund’s Local Community Steering Committee, which was charged with recommending to the board which projects to fund, responded by deciding on a thematic focus for the grant cycle, notifying proponents that only those types of activities would be considered in the first round, and proceeding to short-list 150 for full consideration. In the second round, the committee has proposed setting up screening processes at the parish level so that local councils select three priority community projects to submit.
- *Funds give direction and control of potentially large sums of resources to independent organizations (although governments and donors may be represented on their boards), and activities financed can lack coordination with national environment strategies and priorities.* Funds have generally done well in managing large sums of money with integrity and transparency. “Parks” funds generally take direction from park system master plans and protected area unit plans. “Grants” funds in two cases (Guatemala and Bolivia) have been active supporters of national environmental strategies, providing both funding and technical expertise. The fund’s degree of coordination with national environmental strategies depends to a great extent on whether a coherent national strategy exists, or whether there are competing strategies and a broader lack of coordination at the national level.

B. CONDITIONS FOR SUCCESS

125. Taking all of the findings into account, the evaluation team concluded that it is possible to identify certain key factors associated with trust fund success. Some of these factors determine whether the conservation objective is best addressed by a trust fund or another approach. Some affect the fund's prospects of becoming a viable institution. While it is not necessary for all the conditions to be met, some "critical mass" appears to be a prerequisite for success, and the absence of more than a few would greatly increase the risk of delays, difficulties, and failure to meet objectives. The "critical mass" will vary according to the type, size, scope, and objectives of the fund in question. However, when any of the key factors is missing or only partially achieved, there are risks that need to be clearly addressed in the design process.

FACTORS IMPORTANT FOR ESTABLISHING A TRUST FUND

a) Existence of a valuable, globally significant biodiversity resource whose conservation is politically, technically, economically, and socially feasible. Absence of major, urgent threats requiring mobilization of large amounts of resources in a short time period (i.e., the conservation action required is long term and addressable with the flows a trust fund could produce). The importance of the resource on a global scale affects the fund's ability to attract international financing.

b) Government support of the concept of a fund outside government control, that bridges the public and private sectors. The support should be active and broad-based, from the President to regional and local bodies, extending beyond environmental ministries and departments to include ministries of finance and planning. A reasonable financial contribution from government, if not directly to the fund, then to co-financing of project activities. This condition often takes a long period of

advocacy during the design and start-up phases.

c) A legal framework that permits establishing a trust fund, foundation, or similar organization. Tax laws allowing such a fund to be tax exempt, and providing incentives for donations from private contributors.

d) A critical mass of people with a common vision. People from NGOs, the academic and private sector, and donor agencies -- the environment community" -- who can work together despite their different approaches to biodiversity conservation. The support and involvement of business leaders is crucial to bring in private sector management skills, especially skills in financial management.

e) A basic fabric of legal and financial practices and supporting institutions (including banking, auditing and contracting) in which people have confidence.

f) Mechanisms to involve a broad set of stakeholders during the design process, and willingness of stakeholders to use these mechanisms.

g) Availability of one or more mentors – a donor agency with good program support, a partnership with an international NGO, "twinning" with another, more experienced trust fund – who can provide both moral and technical support to the fund during the start-up and program implementation phases.

h) Realistic prospects for attracting a level of capital adequate for the fund to support a significant program while keeping administrative costs to a reasonable percentage. In most cases this means having clear commitments from other donors beyond the GEF, or debt swap mechanisms established, before starting the fund.

i) An effective demand for the fund's product, i.e. a client community interested in and capable of carrying out biodiversity conservation activities on the scale

envisioned, and sufficient to achieve significant impact.

FACTORS IMPORTANT FOR SUCCESSFUL TRUST FUND OPERATIONS

j) *Clear and measurable goals and objectives. A “learning organization” mentality and environment, oriented toward results and achieving objectives, and flexibility to make adjustments in objectives or approach based on feedback and experience.*

FMCN (Mexico) provides the best example of the benefits of this approach. The team concluded that most funds would have benefited from more detailed attention to the articulation of goals, objectives, and indicators in operating manuals during design.

k) *A governance structure with appropriate checks and balances, conflict of interest provisions, and succession procedures. “Ownership” of the fund by its board and other governing bodies, indicated by members’ commitment of time, engagement in policy and leadership, and building support of the fund with varied constituencies.* The Foundation for the Philippine Environment, FUNBIO (Brazil), FMCN (Mexico), and PACT (Belize) provide the clearest evidence of what can be achieved when this condition is met, while PROFONANPE (Peru) illustrates the difficulties that can arise when it is not.

l) *Linkage between the trust fund and the leadership of any national biodiversity strategy or environmental action plan.* Most of the “parks” funds organize and focus their funding priorities through participation in or guidance from planning processes of their partner agencies. FMCN’s ability to focus its “grants” program through linkages with national priority-setting processes best illustrates the advantage of this factor.

m) *Ability to attract dedicated, competent staff, particularly a strong executive director. Harmonious and productive board-staff relationships.* The best examples of the benefits of highly qualified, strong leaders in the executive position working well with diverse, supportive, influential boards are

FMCN (Mexico), FUNBIO (Brazil), and the Foundation for the Philippine Environment.

n) *Basic technical and other capabilities that permit the fund to become a respected and independent actor in the community. Access to, and constructive use of, training, mentoring, and technical assistance programs to build capacity.* The Mexico and Uganda funds illustrate this point. Bolivia also provides an object lesson: although FONAMA’s loss of influence in 1993-95 was primarily due to political changes, the fact that those political changes also caused the organization to lose its technical capacity was what precipitated a crisis of donor confidence.

o) *Constructive relationships with relevant government agencies, with intermediary organizations that provide services to grantees, and with other organizations in the community. The fund should avoid becoming an executing agency itself.* MBIFCT’s ability to rely on CARE as a technical assistance provider to grantees in Uganda has been essential to the community grants program’s progress. FMCN (Mexico) and the Foundation for the Philippine Environment are examples of other trust funds that have made it a priority to develop partnerships and working relationships with key organizations to extend their reach and assure greater local acceptance of activities.

p) *Financial/administrative discipline combined with program flexibility and transparency; and procedures that support this and are consistently applied.* Most of the funds studied exhibited this attribute to some extent. Again, FMCN is the best example of a fund that sets a high standard of financial discipline, while still maintaining the flexibility to deal with extraordinary circumstances -- both in adapting to the circumstances of its grantees and in making funds available to cover unforeseen but crucial needs. MBIFCT in Uganda is another good illustration.

q) *Mechanisms for continuing to involve a wide range of stakeholders in the fund’s programs and direction, with enough clear vision and leadership to avoid being pulled in*

many directions and program fragmentation. FMCN (Mexico) and MBIFCT (Uganda) are examples of funds demonstrating this attribute. Recently, FONAMA has provided an example of the problems a trust fund that does not pay attention to this priority can encounter.

r) *Asset management competitively selected; diversified portfolio of investments;*

financial expert to provide regular reporting and oversight/comparison to benchmarks. As discussed in Chapter III.G, most of the GEF-supported trust funds have adopted this model.

s) *A supportive, nurturing Implementing Agency task manager, able to bring in the resources and expertise needed. This is discussed in Chapter III.C.*

C. DECIDING BETWEEN TRUST FUNDS OR TRADITIONAL PROJECTS

126. The GEF is sometimes faced with the decision of whether to support a conservation trust fund or to finance biodiversity activities through a more traditional project mechanism. Although this evaluation only studied GEF (and other) projects which financed trust funds and does not include a comparative view of both funding modalities, a project approach was seriously considered during the project design phase in Brazil and the GEF-funded Mexico trust fund replaced an ineffective traditional project. In addition, key informants were asked to provide their assessments of the advantages of both trust funds and traditional projects. Our findings suggest several factors which should be carefully considered when the GEF is reviewing alternatives for financing biodiversity conservation projects. These factors are closely associated with the conditions for success discussed in the previous section.

127. A primary concern expressed by some about trust funds is that they tie up substantial amounts of scarce donor resources for conservation and development in endowments which generate only modest amounts of income. From a purely financial perspective, the primary question is whether trust funds are the best use of capital, given its opportunity cost. Several factors influence the answer to this question. First, although it is very

difficult to compare the *benefits* from trust funds and those from projects, in theory trust funds should generate more benefits, *ceteris paribus*, because the benefit stream from an investment in a trust fund is much longer than from a 5-year project, and will potentially continue forever if the endowment is well managed. Second, the *costs* of trust funds may be higher than traditional projects over the short-run (3-5 years). However, endowment capital is invested and generates revenues which are equivalent to at least a portion of the opportunity cost of capital. In 1997, for example, three of the six GEF trust funds generated endowment revenues larger than the 10 percent opportunity cost of capital normally used in World Bank financial analyses. While these gains from endowment investment may not continue at similar levels over the life of the trust fund, they are usually significant and must be considered in comparative analyses.

128. This evaluation found that trust funds can normally be administered with operating costs between 20-25 percent of the annual revenues generated from the endowment. However, these costs are probably only modestly greater than the real administrative costs of traditional projects if all costs are included, and have the advantage of generating much longer-term benefit streams.

Box 10: Factors Influencing the Trust Fund/Project Choice		
	Trust Fund	Project
Threat to biodiversity	Threat is long-term. Best addressed over 10-15 year period	Immediate and strong. Best addressed over a 3-5 year time frame.
Funding needs	Problem best addressed through modest amounts of funding provided over many years in periodic increments	Funding needs are large and/or lumpy. Level of activity can be sustained once project funding ends in 3-5 years.
Recipient absorptive capacity	Can only effectively manage modest amounts in periodic increments with gradual increase over time	Can efficiently manage and effectively spend major infusion of funds over 3-5 years.
Common vision	Critical mass of people with common vision for biodiversity objectives and willingness to participate in trust fund governance	Lack of common vision regarding trust fund. Collaborative management of biodiversity program less efficient than management by a less complex institution.
Program efficiency	Need to create more efficient funding and operational mechanisms in lieu of existing bureaucracy.	Bureaucracy functions efficiently and does not constrain achievement of biodiversity objectives
Enabling conditions	Legal basis and other conditions for trust fund operations (e.g. incentives for fund raising) exist or can be quickly established. Basic fabric of legal and financial practices allows for transparency.	Legal and other conditions for fund operation do not exist and are unlikely to be quickly established. More direct donor supervision of resources required to ensure appropriate use of funds.
Collaboration	Desirable to create a vehicle for government and non-government (NGO, private sector) collaboration	Such opportunities for collaboration already exist or are not appropriate.
Demand for “grants” fund resources	NGOs and other user groups have capacity or can gradually build capacity to use annual funds generated from endowment.	1) Effective grant-funding mechanism exists 2) NGOs and other user groups have very limited capacity to manage even small amounts of funding. Project to build capacity may be prerequisite.
Demand for “parks” fund resources	Framework of national parks system established, some parks exist with reasonable degree of government support	1) Nascent national parks system. 2) Recurrent costs assured by government or other sources. Parks need capital improvements.

129. Financial analysis is only one factor that should be considered in choosing whether to finance a trust fund or a traditional project. In many ways discussed in this report, trust funds provide the opportunity to generate long-term benefits which are more systemic and sustainable than benefits from traditional

projects. For trust funds included in this study, the decision to use a trust fund modality focused heavily on non-financial factors. These include (a) the time frame needed to address threats to biodiversity (often long-term); (b) the absorptive capacity of recipient organizations (often limited); (c) the

incentives to spend large amounts of money quickly that are often associated with projects and the frequent difficulty of sustaining this level of expenditure following project completion; (d) the value and need to provide a venue for non-government entities such as local NGOs and the business community to work in harmony with government to address biodiversity issues; and (e) whether using private sector procedures, rather than government procedures, will improve the efficiency of conservation funding. The

additional benefits from trust funds clearly must be weighed against the risks and costs associated with establishing or expanding a complex institution. For the vast majority of individuals interviewed as part of this evaluation – people involved directly with trust funds and independent observers – the trust fund experience is assessed very positively, and viewed as bringing many long-term and systemic benefits that have not been available from traditional projects.

V. IMPLICATIONS FOR GEF AND RECOMMENDATIONS

GEF FINANCING OF CONSERVATION TRUST FUNDS

131. While most of the conservation trust funds examined have had three years or less of full program operation and several have experienced setbacks and growing pains--some of them serious--the basic conclusion that emerges from this evaluation is that, under certain circumstances, trust funds have proven to be effective mechanisms for support to activities designed to achieve global environmental benefits.

132. **Recommendation 1:** *GEF should continue to finance conservation trust funds when the necessary circumstances are met.* GEF is one of the few significant sources of capital for conservation trust funds today. Its leadership in financing funds has catalyzed substantial additional resources--both financial and intellectual. Trust funds, particularly those that focus on protected areas, show great promise of evening out the typical "boom-bust" cycle of traditional projects and the related perverse incentives to spend large quantities of money quickly. They are providing resources through transparent, participative processes to groups and for important activities that have not previously had access to financing. Trust funds supported by GEF and others are making tangible progress in increasing involvement of community groups, NGOs, private businesses and others in decision-making on conservation issues in which they have a stake. Some are contributing to policy discussions on conservation and sustainable use based on their program experience. The prospects for doing this in other places beyond the handful supported to date appear to be good.

CONDITIONS FOR GEF SUPPORT

133. Conservation trust funds are not always the most appropriate response to the

issues of biodiversity conservation. In some circumstances, a more traditional project approach may be appropriate. In Chapter IV.B. above, the evaluation team outlined the *factors it has found to be conducive for conservation trust funds to succeed*. These can be used as a checklist for project designers or reviewers when new trust fund projects are considered. Where a critical mass of these factors is not present, other approaches which have a shorter-term perspective and imply a more limited commitment to a specific approach or institutional arrangement are indicated.

134. **Recommendation 2:** *The team believes that four conditions are essential for the creation and/or capitalization of conservation trust funds, and recommends GEF support only when they are met:*

- *The biodiversity conservation issue to be addressed requires a long term commitment--at least 10-15 years;*
- *There is active government support--not just agreement--for creating a mixed, public-private sector mechanism that will function beyond direct government control;*
- *There is a critical mass of people from diverse sectors of society who can work together despite their different approaches to biodiversity conservation and sustainable development; and*
- *There is a basic fabric of legal and financial practices and supporting institutions (including banking, auditing and contracting) in which people have confidence.*

135. **Recommendation 3:** *The concept of conservation trust funds as independent organizations that are more than financial mechanisms should be reflected from the*

outset in staffing patterns, governance structures, recruitment criteria for board members and staff, and technical support provided by outside donors and partners.

This evaluation has shown that conservation trust funds are complex and demanding to establish and sustain. The effort to create and support them is justified only if they are viewed from the beginning as independent institutions that have a long-term role to play. Although most trust funds supported by GEF have been seen primarily as financial mechanisms, the evaluation team found that they are more than that. To succeed, they need more than financial management and accounting systems and skills. They need to be able to monitor the performance of their programs; to feed back experience into strategic plans, program improvements and broader policy discussions; and to work closely with recipients and other organizations to ensure a quality portfolio that complements other activities in their areas of focus. In short, they need to proactively influence their environment and adjust their programs to fit.

136. Recommendation 4: *GEF projects in support of trust funds should make provision for training and technical assistance, or assure that they are provided by other partners.* Trust funds need to give more explicit attention than has been given to date to training and technical assistance to help build the abilities they need to operate effectively as independent, long-term institutions. This need not be through separate grant funding; in fact, in at least two cases observed during the evaluation, this kind of assistance was effectively provided as part of implementing agency supervision missions.

FINANCIAL SUSTAINABILITY

137. This concept of conservation trust funds has implications for the minimum amount of resources needed for a fund to be financially viable. The evaluation team found that, in general, trust funds have so far been unable to raise sizable additional capital contributions beyond those provided

by the original donor. Most of the resources they have been able to attract are for specific project activities which, while consistent with their objectives, often do not provide them with the financial security or degree of flexibility needed to achieve their long-term organizational goals.

138. One dimension of this issue is whether a permanent *endowment* is needed to accomplish a trust fund's mission, or whether a *sinking fund* (that could be replenished at some future point based on experience) is adequate for this purpose. In general, the evaluation team concluded that permanent endowments are more likely warranted for "parks" funds, while a sinking fund that disburses over 10-20 years may be appropriate for "grants" funds. In looking at this issue, it is important to consider not only large capital contributions from donor organizations, but also government policies enabling flows to the fund of locally-generated resources (e.g., from tourist taxes, park entrance fees, concession fees or other user charges), as well as tax laws regarding charitable giving by the private sector.

139. Recommendation 5: *The initial capitalization of a conservation trust fund, together with other resources available on a recurrent basis (e.g., proceeds from tourist taxes or park entrance fees) should be large enough to allow a meaningful program in the fund's chosen area of focus, over a significant period of time, while keeping operating (non-program) costs within a range of 20-25%. Trust funds should not be created unless there are tangible commitments for this minimum amount of capital from the outset.*

140. Four variables interact to define the minimum amount of capital needed:

- the amount of money needed on an annual basis to carry out a significant program in whatever area the fund focuses on;

- the amount of other (non-endowment) funding regularly available;
- the expected return on investment, and whether the fund can draw down the capital to meet current expenses (sinking fund) or uses only returns (endowment); and
- the minimum level of operating costs needed for the fund to function.

141. **Recommendation 6:** *Beyond the minimum amount, GEF support should be structured to provide incentives to encourage raising additional capital (e.g., through tranching or matching provisions) and assistance in developing innovative capitalization approaches.* Ultimately, a trust fund's best fundraising tool is a record of success with its initial project cycles. In some cases, the best strategy may be to provide bridge financing or allow a first tranche of financing to be used as a sinking fund, with endowment capital provided once a track-record is established.

142. **Recommendation 7:** *GEF support for recurrent costs of protected area management through "parks" funds should include a strategy for increasing the provision of other resources for these costs and for looking for ways certain activities or areas could become self-financed. Individual conservation, sustainable use, and environmental education projects supported by "grants" funds should have prospects for their own sustainability and/or achieving their objectives in a reasonable period of time with no need for continuing funding.* Establishing a conservation trust fund that is itself financially viable does not guarantee the financial sustainability of the activities it supports. Even if a fund has an assured, long-term source of funding, it is important that its resources be used in strategic and catalytic ways, filling gaps and leveraging other contributions through the choice of activities it supports.

OPERATING PROCEDURES AND COSTS

143. **Recommendation 8:** *GEF's implementing agencies should apply clearer and more consistent guidance on operating costs for the conservation trust funds it supports.* Operating costs should be defined as the "cost of doing business," including board operations; maintenance of an office and basic financial, accounting and technical staff; program planning; constituency relations; fundraising; project selection and supervision; and program monitoring and evaluation. Program support costs, such as technical and capacity-building assistance to grantees, should be calculated in separate line items and excluded from "operating" costs. Normally, the trust fund should seek to externalize these program support costs by contracting or providing grants to other organizations who would provide the service, if such organizations are available. Based on this definition, a ceiling of 20-25% of net revenues for operating costs appears to be a reasonable target for trust funds to meet. Generally, funds with larger endowments and/or program activities should be able to operate at the lower end of this range, while funds with smaller endowments and/or programs may be at the high end. Projects should include parallel financing (not drawn from endowment earnings, but provided by GEF or other donors) for initial institution-building costs, including board development, staff training, consultant assistance, and design of monitoring and evaluation systems.

144. **Recommendation 9:** *GEF's implementing agencies should give greater consideration to the impact on trust fund agility and responsiveness, as well as on operating costs, of prescribing complex and elaborate procurement or administrative procedures. They should generally seek to help develop, and then certify, a fund's own procedures that are appropriate to the environment in which it operates, rather than impose the implementing agency's standard procedures, which were developed for very different circumstances.* This is

especially true when a trust fund is created within another, established organization. Any specific criteria that trust funds are required to apply to determine the eligibility of specific projects or activities for GEF financing (i.e., with respect to incremental costs or global environmental benefits) should specifically bear in mind their implications on administrative costs and fund responsiveness, and be as simple, straightforward and understandable as possible.

ASSET MANAGEMENT

145. **Recommendation 10:** *The GEF should continue to apply as standard practice for its capital contributions to trust funds the successful asset management and asset manager selection model developed by the World Bank.* This includes development of investment guidelines that reflect a conservative risk strategy and portfolio diversification; competitive, international selection of experienced, professional asset managers; and regular, active oversight of investment performance compared to standard benchmarks by a fund's board of directors, preferably with the benefit of periodic, expert advice.

PARTNERSHIPS

146. **Recommendation 11:** *GEF support for conservation trust funds, especially for the creation of new funds, should encourage the development of partnerships with international NGOs with experience and recognized abilities in this area, as well as the exchange of information among trust funds.* The evaluation demonstrated the benefits to a trust fund of having relationships with other funds, international NGOs, and more than one donor agency.

147. **Recommendation 12:** *In addition to support provided through individual projects to information exchange and networking among conservation trust funds, GEF and its implementing agencies should explore ways in which they could provide a small amount of resources to*

permit their staff to sustain ongoing partnerships with trust fund "graduates" beyond the normal supervision period. An ongoing relationship between trust funds and the GEF and its implementing agencies beyond the normal 4-5 year period of supervision would also be beneficial. This would allow GEF and its implementing agencies to gain a richer knowledge of trust fund experience and conditions for success, to apply lessons learned to future projects, and to verify that trust funds are achieving conservation impact and continue to support GEF priority activities over the long run.

MONITORING BIODIVERSITY IMPACT

148. **Recommendation 13:** *GEF and its implementing agencies should provide increased support to help trust funds define their intended impacts on biodiversity conservation and sustainable use and to develop performance indicators and simple, useful monitoring and evaluation systems to measure progress toward these objectives and feed back experience into program improvements and management decisions. As part of this process, GEF should insist that all current and future conservation trust fund projects have fully developed logical frameworks.* At the same time, GEF could benefit from--and therefore should actively seek out and apply--the experience of some trust funds, e.g., FMCN in Mexico, in defining its own biodiversity program-level performance indicators. Given the generally nascent state of the art of performance and results measurement for biodiversity programs, this is an ideal area for partnership between the GEF and conservation trust funds.

ANNEXES

Annex A

TERMS OF REFERENCE GEF EVALUATION OF EXPERIENCE WITH CONSERVATION TRUST FUNDS

Background and Rationale

The FY98 work program for the GEFSEC's monitoring and evaluation team includes an evaluation of GEF's biodiversity activities. One specific set of biodiversity projects has received considerable attention within the GEF, including in the Overall Performance study and the 1997 PIR. These are projects which have supported and/or established conservation trust funds. An evaluation of GEF's experience to date with such funds would be timely and would meet an expressed need of the Council, implementing agencies, and the NGO community interested in the GEF.

More than thirty environment funds have been created over the past decade, and twelve have received GEF support. Generally, they aim to provide a long-term source of funding for biodiversity conservation and sustainable development. They have often also served as vehicles for bringing multiple stakeholders together to prioritize conservation actions that respond to community and other local needs. The Biodiversity Convention and the NGO community have strongly endorsed this approach and encouraged GEF to expand its financing of such funds. The Overall Performance Study also recommended increased GEF support for conservation trust funds, and suggested that GEF's comparative advantage might be in providing technical assistance and initial seed capital to get funds started, while leveraging other resources for the funds' capital itself.

Others have raised questions about the merits of this mechanism, however. Some Council members have voiced concerns, in particular about the extent to which GEF's eligibility criteria related to global environmental impacts are met for activities financed by environment funds, the "opportunity cost" of providing relatively large sums of GEF grants to capitalize endowment funds, and how to assure the performance of the funds is adequately monitored and evaluated. The Council requested the secretariat to prepare a paper examining these and other issues related to environment funds. That paper is now planned to be submitted to the Council at its meeting in October 1998. This evaluation will make a direct input to this policy paper. It will also contribute to the 1998 PIR and provide the basis for an issue of the *GEF Lessons Notes* series.

There are various types of environment funds. Those supported by the GEF have sometimes been set up as *trust funds* (in countries whose legal systems are based on British or U.S. models) and sometimes (in most civil law countries) as *foundations*. In either case, these funds legally set aside assets (e.g., GEF grants) whose use is restricted to the specific purposes set out in a legal trust instrument. (In the balance of these Terms of Reference, both types of funds are referred to as "trust funds".) They can be structured financially in three ways. When an *endowment* is created, the financial assets of the fund are invested to earn income and only that income is used to finance specifically agreed-upon activities. *Sinking funds* are designed to disburse their entire principal and investment income for agreed-upon activities over a fixed period of time, although this could be a relatively long period, i.e., 15 years. *Revolving funds* provide for the receipt of new resources on a regular basis--for example, proceeds of special taxes designated to pay for conservation programs--which can replenish or augment the original capital of the fund and provide a continuing source of money for specific activities. Any particular environment fund can combine these features depending on its source of capital.

Advantages and Potential Drawbacks of Trust Funds

Environment trust funds offer a number of potential *strengths and advantages*. Among them are:

- Funds can provide a stable, long-term source of funding for biodiversity conservation, not only to cover recurrent costs, but also to smooth out year-to-year fluctuations in project funding. This can also provide a better basis for long-term planning and strategy implementation.
- Funds are able to attract a diverse range of national and international funding sources.

- They can absorb major amounts of funding and disburse it over time consistent with the absorptive capacity of recipient organizations.
- Environment funds can operate quickly and responsively to a variety of organizations that have relatively limited institutional capacity, avoiding much of the bureaucracy of large donor or financial agencies.
- They can provide a vehicle for collaboration among government and non-governmental organizations in defining funding priorities, and for constructive engagement with the private commercial sector.
- Funds often have participatory structures that involve a wide range of stakeholders-- e.g., governing boards, technical advisory committees, and/or project selection committees that include representatives from indigenous peoples groups, community organizations, local and national government agencies, private businesses, the academic community, and international donor or NGO representatives.
- Funds can be politically independent of particular administrations or parties, and can provide continuity from one government to another.

On the other hand, creation and implementation of environment funds present a number of *challenges and potential drawbacks*, including:

- Trust funds can tie up substantial amounts of scarce resources for conservation and development to generate often modest amounts of income, some of which, in turn, is spent on administering the fund.
- They require highly technical and sophisticated management skills to safeguard the fund's capital, provide a predictable income stream in sometimes volatile economic environments, and create a participative and transparent governance structure involving multiple stakeholders.
- The additional and steady flow of resources from environment funds can relieve pressure for continuing or increased government or donor expenditures on conservation and sustainable development, resulting in decreased government or donor spending and commitment in these areas.
- There can be enormous pressure to disburse funds, particularly after lengthy start-up phases, which can lead to an erosion of capital assets and excessive project-focus, financing a profusion of activities without developing clear strategies.
- Funds can be overwhelmed with demands for resources from a variety of sources (often well beyond the environmental groups originally involved), and with efforts to effectively accommodate the involvement of a large number of diverse stakeholders.
- Funds give direction and control of potentially large sum of resources to independent organizations (although governments and donors may be represented on their boards), and activities financed can lack coordination with national environment strategies and priorities.
- In the GEF context, it may be difficult in practice to pass on to individual activities financed by trust funds GEF-specific criteria such as incremental costs and achieving global environmental benefits.

Issues that the Evaluation will Address

Annex 1 lists the environment funds that have received GEF support to date, those that are presently being designed or under active consideration, and additional funds that may possibly be supported in the future. The evaluation will examine the experience under these GEF projects--and selectively under environment funds assisted by other donors--to determine:

(1) to what extent have the potential advantages of environment trust funds been realized in practice, and have the concerns expressed about them been minimized or overcome?

(2) *what enabling conditions are needed for conservation trust funds to succeed and what conditions are likely to hinder success?*

(3) *what evidence is there to date of the impact of these funds on conservation and sustainable use of biological diversity?*

(4) *what lessons and good practices can be identified from this experience that could usefully be applied by other current or future funds?*

(5) *what recommendations result from a review of this first generation of trust funds for GEF policies that would help guide future funding of and technical assistance to conservation trust funds?*

Specific Scope of Work

Within the framework of the five questions listed above, the evaluation team will assess the following specific issues:

I. FUND ADMINISTRATION AND ASSET/FINANCIAL MANAGEMENT

- How much additional funding for conservation trust funds has been leveraged with GEF resources? From what sources have these resources been provided? What are the prospects for further fund-raising in the near future?
- In practice, what has been the annual flow of funding for biodiversity conservation and sustainable use activities generated by GEF-supported funds? Has there been a good match between projected resources and those actually generated?
- How has the trust funds' capital been invested? How has the real return on the assets in these funds compared to market averages and investments by similar organizations during the same period?
- What skills and resources were required to manage the funds' assets? Have the funds used professional asset managers? If so, how were they selected and how has their performance been evaluated? Did fund managers and board members have the skills and experience to deal adequately with assets management issues? What training or other capacity building assistance was provided in this area (by GEF or others), and what impact have they had?
- How much is spent on administrative costs? Were ceilings on these costs respected in practice? What are the components of the funds' costs?

II. PROGRAM MANAGEMENT

- Are the funds guided by a specific strategy for selecting the activities they will finance? Are their grant programs targeted to have a particular impact on conservation and sustainable use of biodiversity? Has this strategy given focus to the activities financed? Has it stood up to pressure from stakeholders to fund other activities that are not within priority programmatic areas? To what extent do the funds proactively seek out activities that help advance their biodiversity strategy? Based on experience to date, what impact does it appear that the funds are having on biodiversity conservation and sustainable use?
- What monitoring and evaluation systems are in place for activities financed by the funds? Have the funds identified progress and performance indicators for individual activities and their overall programs? How are they being used in practice?
- What procedures are in place for selecting and administering the funds' grant programs? Are decisions about selection of individual activities made in a transparent and consistent manner? How are these procedures regarded by fund managers, recipients and donors? How many administrative layers do proposals have to pass through before they are approved? What authority do field staff have to make adjustments in projects based on implementation experience?

- What procedures were implemented to assure that GEF criteria and CBD guidance, *inter alia* with respect to incremental cost financing and selection of activities intended to produce global environmental benefits, were passed on to activities financed by the funds? Were these procedures followed? Does the implementation of these activities to date support the rationale for funding them with GEF resources?
- What skills and resources were required to manage the funds' programs? Were people available locally or was it necessary to hire them from outside the country? What training or other capacity building assistance was provided in this area (by GEF or others), and what impact have they had?

III. GOVERNANCE

- Who is involved in the governance of the funds? What governance structures are in place and how well do they function? How wide a range of stakeholders are involved in a meaningful way? Have the funds' governance structures led to a better understanding among all stakeholder groups, especially on issues related to biodiversity conservation and sustainable use?
- How independent are the governance structures of direction by any one set of stakeholders or interests? of the professional management of the fund? of the political processes in the country? Do board members and others involved in fund decisions (e.g., technical selection committees for projects) represent their own institutions, sectors or interests, or do they act for the benefit of the community of stakeholders as a whole?
- What provisions exist for the regular and orderly change of board members and professional fund managers? Have funds experienced a transition in the members of their governing bodies? Have they experienced a change in managerial leadership? How have these successions been handled? How have the organizations fared as a result of these successions?
- What skills and resources were required to manage the participation of a large number of stakeholder groups in the funds' governance structures? Do board and other members of governing bodies have the necessary skills to carry out their roles? Do they devote the time necessary to perform their expected roles? What training or other capacity building assistance was provided in this area (by GEF or others), and what impact have they had?

IV. STRATEGIC AND NATIONAL CONTEXT

- Who are the driving forces for setting up the trust funds the GEF has supported? What linkages exist between the funds and government and NGO activities, particularly those supported through GEF projects?
- What contribution do GEF-supported funds make to overall funding for biodiversity activities in the countries in which they are located? Are there other environment funds operating in the same country? How is their mission and program different from the GEF-supported fund?
- To what extent are the funds' program strategies based on national biodiversity action plans or related strategies? How do national priorities influence the selection of sites and activities financed by the funds? How do national governments view the funds?
- To what extent have fund managers contributed to the development and/or monitoring of national biodiversity strategies, and/or to other national fora in which biodiversity priorities are considered? What influence have the funds had on national or local policies, laws and institutional constraints? Have the funds served as an effective voice for biodiversity conservation and sustainable use within their countries?
- Have resources allocated to biodiversity conservation and sustainable use activities by national governments and/or others, in addition to those supported by the funds themselves, decreased or increased as a result of the creation of the GEF-supported funds?

V. GEF'S ROLE

Based on the experience of the funds currently supported:

- What are the basic requirements and enabling environment needed for a conservation trust fund to be established? What are the factors that influence the optimal size of a trust fund, and sequencing of support to one?
- Under what conditions should GEF consider assistance to new or existing conservation trust funds? What niche can GEF best fill in supporting the creation and growth of conservation trust funds? What implications does this have for the comparative advantages and roles of GEF's implementing agencies?
- What kinds of activities and/or objectives are most suitable to be supported through conservation trust funds, as distinguished from other general or multipurpose funds or direct funding of specific activities?
- How have GEF-supported projects strengthened the organizational skills and capacity of assisted conservation trust funds to carry out their responsibilities?
- What kinds of monitoring and evaluation systems are appropriate at the project/ implementing agency/GEF level for conservation trust funds? What are the long-term requirements for monitoring the performance of conservation trust funds to determine their impact on biodiversity conservation and their management and financial sustainability?

EVALUATION APPROACH

There is considerable experience and expertise within the GEF family on environment funds. For example, an Interagency Planning Group (IPG) on Environmental Funds involving a wide range of donor (including GEF) agency representatives, foundations, and NGOs is chaired by Jane Jacqz, a member of the UNDP/GEF staff. The IPG has sponsored a number of global and regional fora that have brought together fund managers, donors and NGOs to exchange experiences beginning in 1994. The World Bank published in 1995 a paper on "Issues and Options in the Design of GEF Supported Trust Funds for Biodiversity Conservation" prepared by Kathy Mikitin, a member of its ENVGC staff. A number of the international NGOs most actively involved with the GEF--including The Nature Conservancy, World Wildlife Fund-US, and Conservation International--have a high level of interest in and experience with environment funds.

Therefore, while the evaluation will be carried out under the direction of the GEFSEC M&E team, it will involve the active participation of GEF staff from implementing agencies, the secretariat and the NGO community. The approach to conducting the evaluation, and schedule for carrying it out, that will be followed is described below:

- The assessment team will be made up of seven people: Scott Smith, a member of the GEFSEC M&E team, will serve as team leader, Kathy Mikitin from the World Bank's GEF coordination unit, Martin Krause and Kevin Hill from UNDP's GEF coordination unit, Walter Lusigi, a member of the biodiversity/international waters team from the secretariat, and two outside consultants independent of the GEF.
- A reference group will be created to provide guidance to the evaluation team. It will be made up of 15-20 people representing task managers with experience overseeing projects which include trust funds, environment fund and biodiversity specialists in the implementing agencies and GEF secretariat, NGO representatives, members of implementing agency evaluation staff, and representatives of other donors with an interest in environment funds. In addition, current or former officers of environment funds that will not be evaluated under the study will be included. The reference group will review the evaluation team's implementation plan for the study, help identify and obtain materials for the evaluation team, facilitate arrangements for project visits by the team, and review and provide additional input on drafts of the team's reports. The group will not meet physically with any frequency, but will perform its functions by individual conversations with the team, telephone conference, electronic mail, or other forms of correspondence.
- In addition to the core team members, local consultants will be hired in countries to be visited as part of the evaluation to help prepare for the field visits and participate actively in them. These consultants will be employed through UNDP, with funding from the M&E budget for the evaluation.

METHODOLOGY

The evaluation will be conducted in three steps:

- *First*, the team will conduct interviews with task managers and review documents (e.g., evaluations, supervision reports, project implementation reviews, project designs and related analyses, other articles or reports) on projects which include GEF-supported conservation trust funds. They will also review reports from international and regional fora on environment funds and other documents relating to the experience with GEF-supported and other environment funds (including funds in the Philippines, Jamaica, and Belize), as well as interview others knowledgeable about this experience. On the basis of this desk review and interviews, the team will prepare a progress report identifying the team's preliminary findings and the key issues on which the rest of the study (especially the field visits) will concentrate. The team will also prepare interview guides to be used in all of the field visits in order to assure that comparable information is collected systematically in all of the trips.
- *Second*, the team will visit 5-6 funds supported by GEF and, ideally, 1-2 others. Teams of two members will travel to two countries each for approximately three weeks. Each trip will include a major field visit from 10-12 days in duration to a GEF-supported fund, and involve visits to subproject sites. In each of these countries, team members will be joined by a local consultant. Each trip will also include another country where the team will make a shorter visit (3-5 days), primarily limited to visiting the funds' headquarters. These shorter trips will seek to complement and/or update material available from project evaluations and other reports, and will include at least one country with environment funds not supported by the GEF.

The GEF has made substantial investments in trust fund equity in five countries to date: Bhutan, Brazil, Mexico, Peru, and Uganda. The GEF project in Bhutan has just been completed and a final evaluation and completion report has been prepared. It is likely that the evaluation team can benefit from a current assessment of the project without a field visit. The trust fund in Mexico just began operating with GEF funds in January 1998. Therefore, the countries tentatively selected to be the major field visits are Brazil, Peru and Uganda.

Of the other funds supported by the GEF, no contributions were made to equity in Bolivia or the Seychelles. GEF projects supporting the Central American Fund (FOCADES) and trust funds in Malawi, Mongolia, and South Africa have not yet begun implementation. Thus, minor field visits are tentatively planned to Mexico and the Eastern Carpathian funds, as well as to two funds in Jamaica which have not received GEF support but offer some interesting experience for the evaluation.

While these visits are being made, 1-2 background papers on issues related to the evaluation will be prepared by other team members and/or representatives of U.S.-based NGOs with considerable experience and important perspectives on conservation trust funds. These papers will be available to the full team by the time all of the field visits are completed.

- *Third*, following the field visits, the team will meet together to synthesize their findings, discuss them with the reference group and others, and prepare the draft of the evaluation report. This draft report will then be reviewed with the implementing agencies and secretariat, the IPG members, the NGO community, and others. The evaluation report will be revised based on the input received from these consultations and presented to the Council at its October meeting.

SCHEDULE

The evaluation team will hold its first meeting from April 15-17, 1998. This meeting will be devoted to developing working relationships among team members, elaborating a specific plan for carrying out the evaluation, and dividing responsibilities among the team members.

While the specific implementation plan for the study will depend on the outcome of this first meeting, it is expected that the general schedule for the evaluation will be:

- ⇒ April 20 - May 8: desk reviews/research of evaluations, mid-term reviews, supervision reports, and other documents; discussion with task managers; sharpening of issues; confirmation of the projects to visit in the field; and logistical planning for field work.
- ⇒ May 15: completion of progress report.
- ⇒ May 18 - July 17: field work (three visits of approximately three weeks each, which will include a total of seven funds, by teams of two members); continued desk reviews and interviews. Tentatively, the funds to be visited are (1) Brazil-FUNBIO (10-12 days) and Jamaica--two funds

not financed by GEF (4-5 days); (2) Peru-FONANPE (10-12 days) and Mexico-FMCN (4-5 days); and (3) Uganda-Mgahinga/Bwindi (10-12 days) and Eastern Carpathians (2-3 days).

- ⇒ July 20 - August 7: team meetings and drafting of report.
- ⇒ August 10 - September 16: discussion of draft report with IAs, biodiversity task force, NGOs, IPG, others. Input made into policy paper GEFSEC prepares for October Council meeting. Draft of evaluation report sent to Council o/a September 16.
- ⇒ September 16 - October 1: finalization of report
- ⇒ October 14-15: presentation to Council
- ⇒ December 31: final report translated, printed, and distributed.

GEF-Supported Environment Funds

<u>Country/Fund</u>	<u>GEF IA</u>	<u>Status</u>
Bhutan Trust Fund	World Bank	Existing
Bolivia FONAMA	World Bank	Existing
Brazil FUNBIO	World Bank	Existing
Central American Fund--FOCADES	UNDP	Existing
Eastern Carpathian Biodiversity Conservation	World Bank	Existing
Malawi Mulanje Mountain Trust Fund	World Bank	Existing
Mexico Protected Areas Fund (FMCN)	World Bank	Existing
Mongolia Environmental Trust Fund	UNDP	Existing
Peru FONANPE	World Bank	Existing
Seychelles Island Foundation	World Bank	Existing
South Africa Cape Peninsula Trust Fund	World Bank	Existing
Uganda Mgahinga/Bwindi Trust	World Bank	Existing
Colombia Sierra Nevada de Santa Marta	World Bank	In Design
India Ecodevelopment II	World Bank	Under Study
Nepal	World Bank	Under Study
Papua New Guinea National Conservation Trust	UNDP/WB	In Design
Belarus Belovezhskaya Primeval Forest	World Bank	Possible
Burkina Faso -- West Africa Wildlife Ranching	UNDP	Possible
Cambodia Tonle Sap Management Program	UNDP	Possible
China/others -- Tumen Trust Fund/TRAD	UNDP	Possible
Guinea -- Monts Nimba National Park	UNDP	Possible
Laos Wildlife/Protected Areas	World Bank	Possible
Mekong Trust Fund	UNDP	Possible
Pakistan National Biodiversity Trust Fund	UNDP	Possible
Sao Tome/Principe -- National BD Protection Fund	UNDP	Possible
Sierra Leone -- National Protected Areas Fund	UNDP	Possible
Ukraine Danube Delta	World Bank	Possible

Annex B
LIST OF CONTACTS

Names in **bold type** indicate members of the Reference Group.

Ricardo Bayon	IUCN-US
Jorge Bilbao	Americas Fund, Argentina
Victor Bullen	USAID
Jim Hester	USAID
Eric Fajer	USAID
Gonzalo Castro	World Bank/GEF
Kathy MacKinnon	World Bank/GEF
Tina Kimes	World Bank/GEF
Andres Liebenthal	World Bank/Operations Evaluation Department
Alberto Ninio	World Bank
Susan Shen	World Bank task manager
Claudia Alderman	World Bank task manager
Agi Kiss	World Bank task manager
Steve Cornelius	Sonoran Foundation
Randy Curtis	TNC
Gina Green	TNC
Sheldon Cohen	TNC
William Millan	TNC
Bruce Moffat	TNC
Chona Cruz	GEF Secretariat
Mario Ramos	GEF Secretariat
Ken King	GEF Assistant CEO
Jane Jacqz	UNDP/GEF
Nikhil Sekhran	UNDP/GEF
Marianne Guerin-McManus	Conservation International
Alfred Gugler	Swiss Coalition of Development Organizations
F. Garry Jewett	WWF-US
Barry Spergel	WWF-US
Jamie Resor	WWF-US
Meg Symington	WWF-US
Sam Johnston	Convention on Biological Diversity Secretariat
Dan Martin	John D. and Catherine T. MacArthur Foundation
Jeff McNeely	IUCN
Frank Vorhies	IUCN
Patrick Duggan	IUCN
George Green	IUCN
Jorge Osorio Vargas	Americas Fund, Chile
Carlos Quintela	Independent consultant; former FONAMA executive director
David Smith	Jamaica Conservation and Development Trust
Buenafe Solomon	Foundation for the Philippine Environment
Carmen Tavera	UNEP/GEF
Ahmed Djoghlaif	UNEP/GEF
John Tychssen	UNEP/GEF
Jennifer Tufts	European Union Washington mission

Country-specific contacts

Belize

Barry Spergel, WWF-US
Humberto Paredes, executive director, PACT

Bhutan

Jessica Mott, World Bank
Gabriel Campbell, The Mountain Institute
Jamie Resor, WWF-US
Paljor J. Dorji, Deputy Minister, National Environment Commission

Bolivia

David Lozano, USAID
Carlos Quintela, former FONAMA executive director

Brazil

In Washington:

Claudia Sobrevila, Conservation International (former World Bank task manager)
Alberto Ninio, World Bank
Musa Asad, World Bank
Ruth Norris, Consultant

In Brasilia:

Luis Carlos Ros, Task Manager/Environment, World Bank
*Braulio Dias, General Coordinator for Biological Diversity, Ministry of Environment
Carlos Roberto de Carvalho, Environmental Coordinator, Ministry of Planning/SEAIN
Washington de Mendonca, General Coordinator for Bilateral Planning, Ministry of Planning/SEAIN
Servulo Moreira, Division Chief, Min of Planning/SEAIN
*Aspasia Camargo, Special Advisor to the Minister of Foreign Affairs,
Oneida Freire, Project Director, Ministry of Environment
Altineu Miguens, Project Director, Ministry of Environment
*Ricardo Soavinski, Chief, Ecosystems Directorate IBAMA
*Garo Batmanian, Director, World Wildlife Fund/Brazil
Cristina Montenegro, Director, Environment Division, UNDP

*indicates FUNBIO board members

In Rio de Janeiro:

Pedro Leitao, Executive Director, FUNBIO
Magarida Lima, Coordinator of Control, FUNBIO
Maria Clara Soares, Coordinator of Studies, FUNBIO
J. Mello Flores, President, Getulio Vargas Foundation
Jose Alfonso Barbosa, Director General, Getulio Vargas Foundation
Jose Augusto Drummond, Project Director, ISER
Karla Matos, Project Director, ISER
Angelo dos Santos, Coordinator for External Affairs,
Brazilian Foundation for Sustainable Development (FBDS)
Israel Klabin, President, Brazilian Foundation for Sustainable Development (by phone)
Silvio Gomes de Almeida, Services for Alternative Agriculture Projects (AS-PTA)
Pablo Sidersky, AS-PTA
*Benjamin Gilbert, Oswaldo Cruz Foundation

In Curitiba:

Maria de Lourdes Nunes, Technical Coordinator, O Boticario Foundation
 Ivan Carlos Baptiston, Forestry Engineer, O Boticario Foundation
 Bernardo Fedalto, Executive Vice President, O Boticario.
 Clovis Borges, Director, Society for Wildlife Research (SPVS)

In Sao Paulo:

Clayton Lino, Technical Director, National Council for Atlantic Forest Biosphere Reserve
 Luciana Lopes Simoes, Project Officer,
 National Council for Atlantic Forest Biosphere Reserve
 Joao Lucilio R. de Albuquerque, Administrative Director,
 National Council for Atlantic Forest Biosphere Reserve
 Joao Paulo Capobianco, Executive Secretary, Instituto Socioambiental (ISA)
 Roberto Bornhausen, President, FUNBIO Board of Directors (by phone)

Other:

Fernando Allegretti, Project Director, COMARU (by phone)

Eastern CarpathiansIn the US:

Dan Martin, John D. and Catherine T. MacArthur Foundation
 Andrew Bond, World Bank task manager
 Garry Jewett, WWF-US
 Barry Spergel, WWF-US
 Emilia Battaglini, World Bank task manager
 Gennady Pilch, World Bank legal department
 Phil Brylski, World Bank task manager

In Slovakia:

Zuzana Guziova, GEF Project Coordination Unit and Foundation President
 Zbigniew Newiadomski, Foundation Board Member
 Stephan Stojko, Foundation Board Member
 Mieczyslaw Zaniewski, Foundation Board Member
 Miroslav Bural, Foundation Board Member
 Rudolf Dudic, Foundation Board Member
 Zoltan Rakonczay, World Wide Fund for Nature

JamaicaEnvironmental Foundation of Jamaica (EFJ)

Peta-Anne Baker, Board Chairperson
 Selena Tapper, Executive Secretary
 Patrick Daley, Director of Projects
 Marlene Lewis, Membership and Community Relations Officer

Jamaica National Park Trust Fund (JNPT)

Shermaine Barrett - Director Fund Development

Jamaica Conservation and Development Trust (JCDDT)

David Smith, Executive Director (Trustee JNPT)
 Ezra Whittock, Chief of Corps (Rangers), JCBMNP

Government of Jamaica

Leonie Barnaby, Director of Environment
 Learie Miller, Deputy Director, NRCA
 Marilyn Headly, Director, Forestry Department
 Amb Don Mills, Spokesperson for the Environment
 Sybil Ricketts, Environmental Planner, Planning Institute of Jamaica
 Hopoton Peterson, Environmental Planner, Planning Institute of Jamaica

NGOs

Maureen Rowe, Director, National Environment Societies Trust (NEST)
 Peter Espeut, Director, South Coast Development
 Terry Williams, Director, South Coast Conservation Project

Business Sector

Charles Ross, Private Sector Office of Jamaica (trustee JNPT and JCDT)
 Blossom O'Meally Nelson, (trustee JNPT and JCDT)
 Jeanne Robinson, Insurance Company of the West Indies -ICWI (Trustee JCDT)
 Diana McCauley, Jamaican Environmental Trust (Trustee EFJ)
 Eleanor Jones, Managing Director, Environmental Solutions, Ltd.
 Barry Wade, Chairman, Environmental Solutions, Ltd.
 David Lee, Managing Director, Caribbean Ecosystems, Ltd.
 Hosfort Scot, Retired (ex EFJ Board)

Donor Agencies

Jan Jansen, Program Officer, UNDP
 Howard Batson, Acting Chief, Office of Environment and Natural Resources, USAID
 Greg Booth, Environmental Advisor, USAID
 Conrad Ornstein, Environmental Specialist, Technical Support Services (DEMO project)
 Chris Brown, Former Office Director, USAID

Academic Community

Al Binger, University of the West Indies Centre for the Environment and Development Cheryl Dash, Manager,
 Special Projects and Sponsored Research,
 UWI. Environmental Consultants

MexicoIn the US:

Luis Constantino, Task Manager, GEF project, World Bank
 Freeborn G. Jewett, WWF-US
 Tina Kimes, Latin America/Caribbean Regional Coordinator, World Bank/GEF

In Mexico:

Michael E. Ayala, Deputy UNDP Resident Representative, Mexico
 Adolfo Brizzi, Sector Leader Agriculture and Environment, Mexico Department, World Bank
 Guillermo Castilleja, WWF Representative and Mexico Program Director
 Javier de la Maza Elvira, General Coordinator, Natural Protected Areas, Instituto Nacional de Ecologia (INE),
 SEMARNAP
 Jorge Favela Fierro, FANP Program Coordinator, Instituto Nacional de Ecologia (INE)
 Bruno Guandalini, UNDP Resident Representative, Mexico
 Renee Gonzalez Montagut, Director, FANP
 David Gutierrez Carbonell, Director, Isla Contoy Biosphere Reserve
 Diane Hermanson Zuelow, Director, Information and Communications, FMCN
 Javier Hiroso, Director, Red de Organizaciones del Sureste para el Desarrollo Sustentable
 Rene Kantun Palma, Legal and Administrative Officer, Ria Lagartos Biosphere Reserve
 Rodrigo Medellin, Universidad Nacional Autonoma de Mexico
 Raul E. Murguia Rosete, National Coordinator, UNDP Small Projects Program, Mexico
 Alfonso Oseguera Iturbe, Director, Inverlat Casa de Bolsa
 Ramon Perez Gil, former coordinator of CONANP Task Force charged with design of FANP

Delia Reyes, Director of Administration, FMCN
 Jorge Rickards, Director of Evaluation, FMCN
 Lorenzo Rosensweig, Director General, FMCN
 Ramiro Rubio Ortiz, Director, Ria Lagartos Biosphere Reserve
 Mauricio Ruiz Galindo, President, CTFANP and member of FMCN Board
 Luz del Carmen Salido, Deputy Director of Investment Advice, Inverlat Casa de Bolsa
 Jorge Soberon Mainero, Executive Secretary, CONABIO
 Febo Suarez, Balam (Mexican NGO)
 Paul Suarez Navarro, ProNatura
 Liliana Urbina Callejas, FANP
 Elia Villanueva, GEF Program Coordinator, UNDP Resident Representation, Mexico
 Frank Zadroga, Environment, Energy and Global Climate Change Advisor, USAID/Mexico
 The staff of Ria Lagartos Biosphere Reserve, and fishermen, union leaders, officials from Industrias Salinera Yucatan S.A. (ISYSA), NGO representatives, and others in Ria Lagartos Reserve.

Peru

In Washington:

Claudia Alderman, World Bank Task Manager
 Gonzalo Castro, Biodiversity Specialist, World Bank/GEF
 Alberto Ninio, Legal Advisor, World Bank

In Lima:

Luis Alfaro, Director General of Natural Protected Areas and Wildlife, INRENA,
 and member of Board of Directors, PROFONANPE
 Cayetana Aljovin, Executive Secretary, Ministry of Economy and Finance
 Viveca Amoros, Advisor, Presidency of the Council of Ministers
 Diego Aramburú, Asset Manager, Gerente General, Interfondos
 Livia Benavides, Acting Resident Representative, World Bank
 Antonio Brack, Consultant*
 Alejandro Camino, former Coordinator, PROFONANPE
 Eric Cardich, Technical Director, Sociedad Pachamama
 and member of Board of Directors, PROFONANPE
 Nicole Cote, First Secretary, Embassy of Canada
 Jurgen Czerwenka, GTZ and member of Board of Directors, PROFONANPE
 Alberto Giesecke, Program Officer (GEF Focal Point), UNDP/Lima
 Carlos Giesecke, Investments Office, Ministry of Economy and Finance
 Nestor Guerra, Coordinator, Fondo Canadiense para Iniciativas Locales
 Luisa Elena (Lupe) Guinand de Paredes, Consultant, Smithsonian/SPDP*
 Mariela Leo, Asociacion Peruana para la Conservacion de la Naturaleza (APECO)*
 Thomas Moore, Environmental Specialist, USAID/Lima
 Jaime Nalvarte, Executive Director,
 Asociacion para la Investigacion y Desarrollo Integral (AIDER)
 Alberto Paniagua, Coordinator, PROFONANPE
 Carlos Ponce, Vice President (Andean Countries), Conservation International*
 Manuel Pulgar Vidal, Executive Director, Sociedad Peruana de Derecho Ambiental
 and member of Board of Directors, PROFONANPE
 Mikko Pyhala, Ambassador of Finland to Peru
 Gabriel Quijandría, Technical Coordinator, PROFONANPE
 Maria Luisa del Rio, Consejo Nacional del Ambiente (CONAM)
 Eduardo Sal y Rosas, Manager, Executive Secretariat for International
 Technical Cooperation, Ministry of the Presidency
 Carlos Soldi, Director, Consejo Nacional del Ambiente (CONAM) and GEF
 Operational Focal Point (and Council member)
 Gustavo Suarez de Freitas, Executive Director, ProNaturaleza*
 Raul Tolmos, Environmental Advisor, Ministry of Economy and Finance*
 Alvaro Torres, Environmental Advisor, AIDER (and former Director General
 of Natural Protected Areas and Wildlife and PROFONANPE Board member)
 Raul Torres, Financial Coordinador, PROFONANPE
 Jorge Ugaz, ProNaturaleza (and former Director General of Natural

Protected Areas and Wildlife)

Miguel Ventura, Chief, Instituto Nacional de Recursos Naturales (INRENA),
and President, Board of Directors, PROFONANPE
Charles de Weck, DESCO and member of Board of Directors, PROFONANPE

* member of PROFONANPE Technical Committee

In Cusco and Manu Biosphere Reserve:

Almir Salazar, Chief, Manu National Park, INRENA
John Florez, (supervisor of park guards), Manu National Park, INRENA/PROFONANPE
Juan Carlos Leiva, Administrator, Manu National Park, INRENA/PROFONANPE

Park Guards in Manu National Park:

Emilio Aparicio
Datsen Gonzales
Terry Italiano
Adrian Morueli
Nemecio Mosquera
Victor Reategui

Rainer Hostnig, Co-Director, European Community Project, Manu
Ing. Muñiz, Co-Director, European Community Project, Manu
Executive Director, Region Inka Manu project

In Huascarán Biosphere Reserve:

René Valencia, Chief, Huascarán National Park, INRENA
Lincoln, Administrative Director, Huascarán National Park, INRENA/PROFONANPE
Milton Alva Villacorta, Director Regional Huaraz, CARE Peru
Marc Kapust, Asociación Ecológica Kawey
Betty Mendoza Muñoz, Coordinadora General, Asociación Ecológica Kawey
Armando Pasco Ames, Victor Rojas Arbulú, Asociación VIDA
Jorge Recharte, Director, Andean Program-Peru, The Mountain Institute
Juan Roque, Consejo Nacional de Camélidos Sudamericanos, CONACS
Miriam Torres, Andean Program-Peru, The Mountain Institute

Uganda

Agi Kiss, World Bank task manager
Nathalie Johnson, World Bank
Christine Oryema-Lalobo, Steve Cavell, Jones, MBIFCT staff

Members of the Trust Management Board, MBIFCT:

Fred Kigenyi, Forest Department (Chair)
Yakobo Moyini, UWA
Lucy Muwuluke, Ministry of Planning and Economic Development
Edith Kabesiime, Wildlife Clubs of Uganda
Nick Ritchie, CARE
Dr. Richard Malenky, Mbarara University Institute for Tropical Forest Conservation
John Tindiwegi, Rukungiri District
Zikanga Bashaija, Kabale District
Aloisius Bakesigaki, Kisoro District
Chris Van Vugt, Royal Netherlands Government

Paddy Bahiirwa, MBIFCT community development officer
Philip Franks, CARE
Maryke Gray, Dennis, Robert, ITFC
Ray Victurine, Grants Management Unit, USAID Action Program for the Environment
Robert Nabanyumya, UNDP/GEF East African Cross Border Biodiversity Project
Arthur Mugisha, Deputy Director, and Gerald Ndawula, administration
coordinator, UWA

Daniel Moore and Karen Menczer, USAID
Eric Edroma, Former director, UWA
Charles Akol and Telly Muramira, NEMA
Chris Kassami, GEF Operational and Political Focal Point

Members of the midterm review team:

Jamie Resor, WWF-US
Paul Clarke, Consultant
Maria Aycrigg, Consultant

Members of the Technical Advisory Committee, MBIFCT

Members of the Local Community Steering Committee, MBIFCT

Members of Project Implementation Committees, community residents in these communities:

- Rubuguri (primary school)
- Nombe (primary school)
- Giharo (primary school)
- Kateretere (water tank)
- Kagunga (aid post)
- Batwa indigenous food production

Annex C

DESCRIPTIONS OF FUNDS ANALYZED

Funds that have both “grants” and “parks” functions

MEXICO

1. The Mexican Nature Conservation Fund (FMCN) was established as a private, civil association under Mexican law in 1994. Its mission is to conserve the biodiversity of Mexico and ensure the sustainable use of its natural resources, through the promotion of strategic actions and medium to long-term financial support. FMCN was created following extensive consultations throughout the country and with the strong support of the president of Mexico, WWF-US and other international and Mexican NGOs, and leaders of the Mexican business community. FMCN was capitalized with \$19.5 million from USAID and \$10 million contributed by the Mexican government (part of which is still being paid).

2. Since 1996, investment earnings have supported a competitive grants program of approximately \$2 million annually. Proposals are evaluated by committees made up of FMCN’s technical director and outside reviewers, and approved by the fund’s Evaluation Committee and full board. The categories in which proposals are invited have evolved based on experience. In the first year, more proposals were received from academic institutions than NGOs and community groups. This was not the mix the fund wanted. So they focused future requests for proposals on activities that would produce results in the field, and helped stimulate better proposals from their target groups. FMCN approved 76 projects in 1996 and 108 in 1997. In 1998, proposals were received in three categories: (1) conservation of ecosystems and species, (2) sustainable use of natural resources, and (3) institutional strengthening and environmental education. All conservation projects must be in areas identified as high priorities for biodiversity conservation or for species included in the

government’s endangered list or in the CITES convention.

3. In July 1997, FMCN received a \$16.5 million GEF grant implemented by the World Bank to establish a Natural Protected Areas Fund (FANP). This was the amount then remaining in a problematic GEF project originally implemented through the government of Mexico. Since January 1998, earnings from the fund have supported recurrent and other costs associated with the management of ten priority protected areas. The program provides a total of approximately \$1 million a year to the ten areas. The allocation of resources among these protected areas in 1999 will be based in part on size, the population inhabiting the areas, and past performance under the program. The Mexican government has committed to provide a core staff of five people and an increasing share of basic management costs in each area included in the program.

4. FMCN has a General Assembly, made up of current and past board members, which is its highest governing body. Its board currently has 18 members, all but one of whom are private individuals selected to represent diverse experience, professional abilities, and geographic and demographic characteristics. The exception is Mexico’s secretary of environment, who serves *ex officio*. The president of WWF-US also serves on the board; USAID has non-voting representation. Board responsibilities include approval of a strategic plan for the fund, an annual operating plan and budget, and the portfolio of grants projects recommended for funding. The fund has four standing committees (administration and finance, evaluation [project selection], international, and natural protected areas). The latter, CTFANP, was created when the protected areas fund was established in FMCN. It provides direction and oversight to the FANP. It is made up of seven members drawn from five sectors of society (public, private, social,

academic, and conservation groups). No one sector can be represented on the CTFANP by more than two members. FMCN has an Executive Director and a staff organized into four divisions: technical, administrative, communications and protected natural areas. The director of the latter is responsible for the administration of the FANP; the technical director oversees the grants program.

BOLIVIA

5. FONAMA (the National Fund for the Environment) was created in 1990 to develop funding for environmental conservation through international cooperation and debt reduction. The Fund is an agency of the Government of Bolivia. FONAMA's mission is to raise funds, both nationally and internationally, manage those assets, and administer grants in the public and private sectors. (In fact, the government of Bolivia initially required that all funding for the environmental sector flow through FONAMA, which implemented both trust funds and more typical project funding.) FONAMA is a modular fund with several separate accounts operating under the FONAMA umbrella. The accounts have included a \$20 million US Enterprise for the Americas Initiative fund that provides small to medium grants to NGOs; two smaller funds from the Swiss and Dutch bilateral agencies that provided small grants to NGOs in the early 1990s; the GEF Biodiversity Conservation Project (1993-97; FONAMA acted essentially as a project coordination unit); a national parks endowment (never funded beyond its \$1 million initial capitalization); and a USAID forestry project. Most accounts have their own staff and administrative councils.

6. During its first two years, FONAMA secured some \$70 million in donor commitments and built a highly qualified staff. But in 1993, the government changed hands, and FONAMA, which had been a high profile agency reporting directly to the President, became a third-level agency in what became the government's smallest ministry. The national environmental

planning process that FONAMA had supported was discontinued and its recommendations rejected. Plans to empower local and regional institutions to elect civil society representatives to FONAMA's board were scrapped. Professional staff were replaced by political appointees, and FONAMA became mired in bureaucracy, internal and external conflict. It developed a reputation for protracted bottlenecks and delays in its administrative processes (at least in its grant-making functions), and was unable to produce consolidated financial statements.

7. An independent evaluation in 1995-96 highlighted several lessons learned from FONAMA's experience, chief among them the need to insulate funds from political considerations. Today, the EAI account (the only part of FONAMA that truly functioned as a conservation trust fund) is in the process of separating from FONAMA to become an independent non-governmental institution. The evaluation will generally consider the operations of the EAI fund in discussing FONAMA throughout this evaluation, and therefore generally classify it as a "grants" fund.

BHUTAN

8. The Bhutan Trust Fund for Environmental Conservation was established in January 1991 with technical support from the World Wildlife Fund and UNDP. It was the first trust fund supported by the GEF, which committed \$10 million in two tranches, and made the first disbursement in May 1992. The fund was established to provide a secure source of funds for environmental programs in Bhutan. GEF project objectives were to assist the Bhutanese government in conserving the nation's forestry and preserving its rich biological diversity; and to test the feasibility of trust funds as mechanisms for providing long-term, sustainable support for biodiversity conservation. Activities included a) upgrading government capacity and staff to manage a protected area system and monitor changes in biodiversity; b) establishing a national system of protected areas; c) gazetting four priority

protected areas and developing a model management plan; d) strengthening management of two existing protected areas; and e) establishing additional protected areas in phases. Each of these program elements was appraised during project design. For the initial stages, the trust fund activities were almost identical to those of a traditional World Bank project.

9. Because of the ready availability of other assistance, especially from WWF-US and the Asian Development Bank, only \$418,000 of trust fund revenues had to be used for these purposes; as a result, the endowment has grown. Project activities were carried out on a timely basis and key objectives for Year 5 were fully met by Year 3, triggering the release of the second tranche of GEF funds.

10. The Bhutan fund is governed by a six-member management board, with five representatives from the government of Bhutan and one from WWF-US. The UNDP resident representative is an *ex officio* (participating but not voting) member. In 2001, the board will be expanded to include national NGO and private for-profit sector representatives. Government representatives include the ministers of finance, planning, and environment. A four-person secretariat coordinates and supervises fund projects, working closely with the Department of Forestry. Administrative costs are approximately 10% of investment revenues. Board decisions are made through consensus, following Bhutanese tradition. An advisory group comprising staff from WWF, UNDP, the government and a local NGO assists the secretariat.

11. Investment of assets, initially managed by UNDP, has been contracted to an overseas private investment manager. Investment income net of fees since the change is more than 8 percent annually. The fund has received \$11.4 million from four European donors. Trust fund assets now total more than \$27 million. Donors have been attracted by the extremely high priority the Bhutan government gives to protecting its forests and

other natural resources and by its strong ethic of integrity.

12. Grant funding in early years was severely limited by the government's lack of capacity in project preparation and execution, and the existence of only one small NGO. Therefore the fund has focused on capacity building. The fund has recently developed grant-making guidelines and procedures, and hopes to finance increasing numbers of proposals from NGOs, government, communities, and individuals.

UGANDA

13. The Mgahinga - Bwindi Impenetrable Forest Conservation Trust (MBIFCT) supports Mgahinga Gorilla and Bwindi Impenetrable national parks through financing of park management activities by the Uganda Wildlife Authority (UWA), applied research and monitoring, and community development projects in the zones immediately surrounding the parks. MBIFCT's policy is to devote 60 percent of its project funding to development and alternative livelihood activities in surrounding communities, whose residents lost access to subsistence and economic resources when the parks were created. Park management and research activities each get 20 percent of the available project funding.

14. MBIFCT received \$4.3 million in endowment funding from the GEF and nearly \$4 million in co-financing from USAID and the Netherlands. The trust operates as an integrated conservation/development project, providing both financial and technical assistance to the communities it serves. It has a highly participatory governance structure, highlighted by a Local Community Steering Committee (LCSC) elected by local communities. The LCSC is empowered to evaluate all proposals originating with community groups, authorizing small projects directly and referring larger ones to the Trust Management Board. It also determines priorities and selection criteria for community projects and plays a key role in monitoring.

15. The Trust Management Board includes representatives of two government agencies, one national and one international NGO, the tourism industry, one donor, three representatives elected by the LCSC, the Trust Administrator, and three Permanent Secretaries from the ministries of tourism, justice, and finance. Nine of these board members are also Trustees with authority to vote on matters concerning the endowment. It consults on research matters, and some project evaluation, with a Technical Advisory Committee. To date MBIFCT has committed some \$290,000 in project funding, including 50 community projects all selected from the first call for proposals but phased in over a two-year period. A significant portion of these were projects that should have been financed by revenue sharing monies from the parks, but were not funded when the government changed its policy on revenues subject to sharing and cut income to communities by more than 90 percent. MBIFCT support to the UWA for park management activities has averaged \$10,000 per park per year or about 5 percent of the park operating budgets. Research and monitoring activities have included special studies (masters' theses) on species and ecosystems of particular concern. A comprehensive plan for long-term monitoring is in development.

“Parks” funds

PERU

16. The Fund for Natural Areas Protected by the State (FONANPE) was created in December 1992, together with a private organization--PROFONANPE--designated to manage the fund's resources. FONANPE has an endowment capitalized by a \$5.2 million GEF grant through the World Bank disbursed in 1995, additional contributions of \$355,000 from Canada and \$100,000 from Finland, and accumulated interest earnings. In addition, it has received nearly \$17.0 million in grants and debt swap proceeds, mostly from Germany and Finland, the majority of which are invested and operate as sinking funds. All of FONANPE's capital is invested in Peru,

although much of it in dollar-denominated assets. Returns were high in 1996, but have since declined significantly as a result of generally adverse conditions in emerging markets such as Peru.

17. Significant program activities began in mid-1996. PROFONANPE was originally created to channel funding both for recurrent protected area management costs of the government's parks and wildlife department and for NGO-executed activities in and around protected areas. In practice, except for three pilot projects financed by a GTZ grant in the mid-1990s, almost all PROFONANPE resources have gone to the former. The fund supported 14 protected areas in 1997; 11 in 1998. The program budget for 1998 totals approximately \$2.2 million, of which over \$850,000 is for one area--Machu Picchu--to which support under Finland's debt-swap program is limited. Funding primarily covers basic operating costs and the salaries of park guards and other staff, who are contracted directly by PROFONANPE to facilitate timely payment.

18. PROFONANPE is governed by a seven-member board of directors. Three are named by the minister of agriculture³ and three are selected by the Peruvian Environmental Network, a group of environmental NGOs. The NGO representatives have two-year terms and can be re-elected once. The seventh member is a donor representative, filled by Germany since the fund was created. The board president must be a government representative. During the past three years, he has been the head of the Natural Resources Institute (INRENA), which oversees the parks and wildlife department and has been the principal recipient of fund resources. PROFONANPE has a Technical Committee intended to

³ After years of lobbying by the World Bank and PROFONANPE's other donors, a new law was approved in May 1998 that requires the minister of agriculture to name to PROFONANPE's board one person recommended by the Ministry of Economy and Finance and one recommended by the Presidency of the Council of Ministers. At the time of the evaluation visit to Peru, in July 1998, implementation of this change was still pending.

provide advice to the fund and its board, but it has not functioned actively. PROFONANPE has a Coordinator and a small staff, which until mid-1998 was made up primarily of people with administrative and accounting backgrounds. The original Coordinator, hired in May 1993, left PROFONANPE in February 1997 following irreconcilable differences with the board. The current Coordinator began in September 1997.

19. Given the absence of enabling legislation for trust funds in Peru, PROFONANPE was created by a decree-law signed by the Peruvian president. This has contributed to difficulties in changing PROFONANPE's statutes and in obtaining exemption from Peruvian taxes.

20. Despite what has been in some ways a rather troubled past, PROFONANPE appears to have a good chance for a more promising future. The new Coordinator has done much to repair the damage to the fund's image that surrounded the departure of his predecessor, and is very highly regarded among the NGO and donor communities. He is actively seeking ways to diversify PROFONANPE's program to again include NGO activities that support protected area management. A technical officer was recently hired to supervise field activities and work more closely with park managers. Progress is also being made in resolving many of the complications created by PROFONANPE's legal status. Perhaps most importantly, new legislation requiring a change in the composition in the government's representatives on PROFONANPE's board of directors has great potential to alter the unfortunate combination of government dominance combined with general inattention that has characterized the recent past, while also bringing to the board perspectives beyond those of the ministry of agriculture.

SOUTH AFRICA

21. The Table Mountain Fund (TMF) was established in 1993 by WWF-South Africa at the request of NGOs and other organizations concerned about the conservation of the

remaining natural areas on the Cape Peninsula. Interest on the capital fund assists government agencies, NGOs, local communities and private individuals in their efforts to stem the deterioration of the Cape Peninsula's biodiversity and natural landscapes. The Fund was converted to a Trust in March 1998. WWF-SA has raised locally approximately \$2 million in contributions to the capital of the Table Mountain Fund; an additional \$5 million was contributed by the GEF through the World Bank in 1998. The Table Mountain Fund has two objectives: (1) the conservation of the biological diversity of the Cape Peninsula and its adjacent marine systems; and (2) the conservation of the biological diversity of the remainder of the Cape Floral Kingdom and its adjacent marine systems.

22. The Fund is governed by six Trustees: two representatives from WWF-SA, two from the South African National Parks, and two nominated by the Cape Peninsula National Parks Committee. WWF-SA houses and administers the Fund. The Trustees have hired a TMF Coordinator, who will begin work in September 1998. The Coordinator and an assistant are envisioned to be the only staff of the TMF. The Coordinator will report to the Director: Conservation of WWF-SA, while the Trustees provide overall direction and policy for the TMF.

BELIZE

23. The Protected Areas Conservation Trust (PACT) is financed by a \$3.75 tax levied on international tourists arriving by air or sea. This tax, enacted in 1995 after several years of consultations, negotiations, and lobbying by the local conservation community and WWF-US, generates some \$500,000 per year. This funding is directed toward conservation in and around protected areas. (Approximately 36 percent of Belize is under some form of protected area status.) However, PACT funding falls considerably short of the estimated \$2.5 million needed annually to adequately manage the protected area system. PACT is prohibited by its enabling legislation from paying for recurrent

expenses of government agencies, or for permanent staff of government or NGOs.

24. PACT is governed by a 9-member Board elected by the relevant ministries, NGO association, tourism sector, and village councils, and then appointed by the Minister of Natural Resources. It provides funding to protected area management, development of eco-cultural tourism, assessments and development of archeological sites, and community participation. There is a separate, private PACT Foundation to facilitate contributions by donors who could not support this mixed public/private agency. Each year 5 percent of revenue is set aside to build an endowment, and PACT would also like to solicit endowment capital from other sources. To date there has been no GEF financing. PACT maintains close collaboration with the GEF Small Grants Programme in Belize.

EASTERN CARPATHIANS (SLOVAKIA, POLAND, UKRAINE)

25. The Foundation for Eastern Carpathian Biodiversity Conservation was created in 1994 as a financial mechanism to support conservation activities in the tri-national Eastern Carpathians Biosphere Reserve. The Biosphere Reserve is in the process of consolidation and recognition by UNESCO following a 1991 agreement by the environmental ministers of the three countries. The GEF, World Wildlife Fund, and the John D. and Catherine T. MacArthur Foundation (US) joined the three governments in developing the framework for the foundation, which has its legal headquarters in Switzerland. The Foundation is governed -- and operated -- by a 14-member board with a five-member executive committee. The acting president is the Slovakian government representative, who headed the GEF Project Coordination Unit in the Ministry of Environment (the project closed at the end of June 1998).

26. This foundation started with only \$600,000 capital, which is invested conservatively --mostly in bonds -- by a Swiss

banking firm and yields some \$30,000 per year. The MacArthur Foundation provided a \$45,000 start-up grant for operations, which has paid for board meetings and other recurrent expenses during 1995-98. The foundation has no staff and has not been able to raise additional capital. It incurs substantial expenses in convening meetings of the Board (12 members from the three countries, and two international members) and on legal, translation, and accounting fees. Having legal domicile in Geneva Canton, Switzerland, requires the foundation to produce all official documents in French, in addition to English (its operating language) and the three national languages; and to use only Swiss-certified auditors.

27. The foundation's board members say that meetings have provided an opportunity for protected area managers and academics from the three countries who had not been in contact with each other during the entire socialist period, to meet and discuss common resource management issues. Given the small flows of income available, the foundation has focused its program on small grants to NGOs, of which two have been disbursed and six more committed. These have generally been matched by substantial in-kind contributions from implementing organizations and have resulted in the gazetting of a new national park in Ukraine and improved management of tourism impact on the Slovakian side.

JAMAICA --NATIONAL PARKS TRUST

28. The Jamaica National Parks Trust (JNPT) was formally established by a Jamaican NGO, the Jamaica Conservation and Development Trust (JCDDT) in January 1991. JNPT was capitalized with the proceeds of Jamaica's first debt-swap on Earth Day, 1992. The fund concept was developed within the context of a USAID-funded project helping to establish a national park system, including USAID finance for debt-swaps. Individual national parks are managed by Jamaican NGOs rather than government agencies.

29. The initial capitalization of \$437,000 was invested in high-interest Jamaican bonds

and grew to \$530,000 by 1997. The fund is managed as a permanent endowment. Investment income is currently used to finance the salaries of rangers at Jamaica's first two national parks. Fundraising efforts to increase the endowment to \$1.4 million have been largely unsuccessful. One factor was a USAID policy forbidding the use of endowment income for fundraising expenses. Funds are insufficient to support a recently established third national park. Available funding does not meet the needs of the two parks, and the Blue and John Crow Mountains park is under serious threat from logging and agriculture. Although the government has not paid its annual commitments to the trust fund, it does pay utility and vehicle maintenance costs for the rangers' operations.

30. The JNPT is administered by JCDT for a fee of 10 percent of trust income. Initially, the seven-member JNPT board had three representatives from the JCDT, two from government institutions, and one each from the University of the West Indies and the Private Sector Organisation of Jamaica. The trust had a staff of one USAID financed development officer and provided no separate guidance or direction to JCDT for investments which were guided by the Finance Committee of JCDT's Board.

31. A mid-term evaluation of the USAID project concluded that the trust was much too insular for a national fund. JCDT was also criticized by NGOs for managing a trust fund of which it was the only grantee. Subsequently four changes in governance have occurred: 1) the board was expanded from 7 to 9 with the addition of members representing the Montego Bay Park Trust (now formally managing that park) and the private sector; 2) a project subcommittee was established, without the participation of NGO representatives; 3) a separate JNPT investment committee was established to give guidance to JCDT in managing the financial assets of the trust; and 4) a fundraiser position was established to separate JNPT fundraising and give it autonomy.

32. A recently approved government protected areas policy offers several options for national parks to achieve financial sustainability. It suggests the use of the JNPT, but does not give it priority over the creation and use of additional park-specific trust funds, or the use of other methods (charging fees) to cover park costs. Several young NGOs are aggressively developing plans for 8-10 new national parks which they hope to manage. Many indicate a preference to establish separate trust funds rather than become dependent on a Kingston-based NGO. This poses a potential problem of inefficiencies and competition for scarce resources if JNPT is not able to secure resources and gain constituency support needed to support a truly national park system.

"Grants" funds

BRAZIL

33. The Brazilian Biodiversity Fund (FUNBIO) was established in September 1995, as an independent unit within the private, nonprofit Getulio Vargas Foundation (FGV). The GEF provided \$20 million, to be disbursed in two tranches and programmed as a sinking fund. This was part of a Brazil biodiversity project that also included \$10 million for a government fund (PROBIO) to support development of a national biodiversity strategy which would, inter alia, provide guidance for FUNBIO program management. A key role of FUNBIO is to create an efficient, transparent, long-term mechanism to assure resources for priority biodiversity projects, *capable of attracting private sector contributions*, functioning outside the government domain. FUNBIO has a governing council of 16 members -- four each from the private sector, academia, and NGOs; two from government, and two from FGV. FUNBIO's assets are managed by an investment manager in London. Most assets are invested abroad and investment returns have exceeded initial benchmarks.

34. FUNBIO has benefited from a highly qualified, hard working board, chaired by a

respected private business leader, and an executive director with considerable experience in management and administration. The fund had significant initial difficulties with its host institution (FGV) which was selected by the Ministry of Environment following a six-month national consultative process that reviewed several options, including management of the fund by an existing institution, a new institution, or a new consortium of NGOs. Although FUNBIO has succeeded in defining its independence within FGV, significant differences remain. There was conflict over the executive director selection and initial difficulty in getting administrative support. FGV has not engaged in fundraising on behalf of FUNBIO or assisted to the level expected in supervising the asset manager, although there are signs that the situation is improving. Fundraising efforts are just beginning. The board is attempting a novel “program partnership” approach to raise the \$5 million needed to trigger the second GEF tranche of \$10 million.

35. In the absence of a completed national biodiversity strategy for guidance, FUNBIO started by financing pilot or demonstration projects in five project categories: sustainable management of natural forest areas, conservation of ecosystems on private property, sustainable management of fisheries resources, agricultural biodiversity, and management of conservation units. The first set of 10 projects selected (totaling \$2.1 million) were small within the Brazilian context and tended to reflect the wide range of interests of the sectors represented on the board. In order to achieve greater impact, the board has recently determined to narrow the focus of future requests for proposals to private-sector partnerships. The second round of projects will also require logical framework analysis to determine the expected outputs and impacts of each project financed.

36. FUNBIO program management procedures, influenced by World Bank regulations, do not demonstrate the flexibility and efficiency expected from a private entity, and are as burdensome to grant recipients as

government grant procedures. Private sector enterprises have shown little interest in the fund, citing the small size of its grants and its heavy bureaucratic requirements.

37. FUNBIO has kept administrative costs below the 22 percent ceiling established at design, expending 11 percent of net revenues on operating costs and 7 percent on institution building, for a total of 18 percent.

JAMAICA -- ENVIRONMENTAL FOUNDATION OF JAMAICA

38. The EFJ was established in 1992 by the governments of Jamaica and the United States under the Enterprise for the Americas Initiative (EAI), a debt reduction program. The Jamaican government committed to deposit local currency equivalent to the interest on the forgiven debt into two funds (\$9.2 million for environmental activities, and \$12.3 million for child survival and development projects) over a multi-year period. The monies are invested in Jamaica, with a real rate of return between 5 and 12 percent annually. Establishment of an endowment fund has been proposed, but not yet approved by the board. EFJ has recently developed a fundraising plan with a target of raising an additional \$6 million by 2003.

39. The EFJ is a membership organization, governed by its NGO members and the two “parties” (GOJ and USA) which signed the original EAI agreement. EFJ has a nine-member board of directors (one representative each from the governments of Jamaica and the United States, and the University of the West Indies; and six representatives from the three NGO communities addressed by the fund -- environment, child welfare/survival, and development). The NGO members are elected at an annual general meeting. Generally a slate is prepared in caucuses by each of three NGO umbrella organizations. The three NGO communities often vie to maximize their representation on the board, and the annual general meeting has sometimes been contentious. The final proposed slate of board members must be approved by the parties to the agreement that established EFJ. The

government has used this power to change the proposed board membership.

40. The Executive Secretary reports to the board, but some decisions must be ratified by the total membership and/or by the parties to the agreement.

41. The mission of EFJ is to promote and implement activities designed to conserve and sustainably manage Jamaica's environment and natural resources, as well as to encourage the improvement of child survival and development. It has a mixture of institutional strengthening objectives and technical objectives. EFJ monies have been distributed broadly in small amounts. Some 300 projects averaging \$150,000 were funded from 1993-96, of which almost 90 percent are situated in or around the capital. About 60 percent of commitments have been disbursed to grantees, reflecting the limited absorptive capacity of many grantees. Many of the projects are in environmental education –in schools, communities, and at the university. EFJ is proud of the support it has provided to young NGOs developing community consensus for new protected areas, many of which hope to eventually manage those protected areas. EFJ has also provided grants to support NGO management of the Blue and John Crow Mountains National Park. The board has recently finalized a 1997-2003 strategic plan. Responding to criticism from environmentalists who see little cumulative impact from previous grants, the plan will focus environment project selection on "biodiversity hot spots". The strategic plan also calls for EFJ to reduce the burden of its reporting requirements on grantees and adopt a more supportive approach to project management.

GUATEMALA

42. The Conservation Trust of Guatemala (FCG) is a small fund (capitalized at about \$900,000) whose objectives include supporting projects that (1) emphasize the relationship between natural resources and rural populations; (2) support the development of NGOs and other organizations working to

protect natural resources; (3) encourage cross-sectoral collaboration in resource management; and (4) bring new sectors and institutions into the community of supporters of conservation in Guatemala. The fund was created in 1991 by four Guatemalan and international NGOs (later joined by a fifth). It is a private fund whose assets to date have come from a private foundation, a bank, and an international NGO. Its goal is to build an endowment of \$5 million.

43. Initially, FCG primarily channeled funding to its member organizations, but recently it has initiated open calls for proposals. Any civil society organization engaging in natural resource conservation and sustainable use, as well as government bodies and the national NGOs represented on the board, is eligible to compete for funding in the priority areas of protected areas, sustainable natural resource management, research, environmental training and education, and institution building.

44. The board (Administrative Committee) includes representatives of the four founders and a fifth NGO. It is authorized to invite up to four additional members. There is an executive director and administrative assistant. The board members and executive director are all conservation professionals or long-time conservation activists, who are deeply involved in national environmental issues. FCG is part of the advisory committee for the biodiversity strategy currently in preparation. It maintains close relationships with government in other ways as well: involving government representatives in proposal review processes, and coordinating workshops on policy issues. FCG is part of the national committee for the GEF Small Grants Programme in Guatemala, and a candidate financial intermediary under the GEF Small and Medium Enterprises project.

PHILIPPINES

45. The Foundation for the Philippine Environment (FPE) began with advocacy by Philippine and international NGOs for a trust fund component to support NGO activities in

a USAID natural resources management project. In 1991, USAID and WWF-US signed a cooperative agreement to initiate debt swaps to capitalize the fund. By the end of 1992, FPE had been established, elected a board of trustees, and released \$520,000 in grants under interim guidelines. The first executive director was hired in early 1993. During that year, FPE adopted a five-year strategic plan and established regional advisory committees (RACs) as a forum for advice and participation from NGOs and peoples organizations. By 1994, the endowment fund, which was initially managed by WWF while FPE developed a track record and management structure, was formally transferred to FPE. FPE has a total endowment of \$21.2 million and has made grants totaling \$8 million from funds provided by the MacArthur Foundation, the Philippine Development Assistance Program, and others in addition to funds from endowment revenues.

46. FPE's mission is to catalyze the biodiversity conservation and sustainable

development efforts of communities. The organization provides financial resources to strengthen organizations as well as to implement programs. Three types of grants are awarded: (1) urgent "action grants" up to \$5,000; (2) community-based grants for resource management projects in 22 priority sites where FPE tries to focus its funds for maximum impact, and (3) proactive grants for support service projects often initiated by FPE itself. FPE also serves as a "funds facilitator" bringing community projects to the attention of other donors. More than 400 partners are currently implementing projects ranging in size from small community projects to large site-based projects. About 60 percent of grant funding goes to 33 site-based projects, the remaining 40 percent to 350+ community efforts.

47. The governing body is the 11-member board of trustees. FPE currently has 23 staff, and maintains an annual budget ratio of about 83 percent program and 17 percent administrative costs.

Annex D

COMPARATIVE ADVANTAGES OF DIFFERENT TYPES OF FUNDS

1. As noted in Chapter II, the evaluation team found it useful for analytical purposes to group the trust funds analyzed as “parks” or “grants” funds and to compare and contrast the way findings and conclusions apply to each of the groups. It seemed possible to learn more about trust funds compared in these two groupings than by considering all trust funds as a whole.
2. There are several important ways in which these two types of funds often differ. They include:
 - their role within a national biodiversity or environment *strategy*;
 - *governance*: the extent of government involvement and the importance of *representative involvement of stakeholders*;
 - *grant-management* procedures for activities financed and the fund’s ability to meet GEF global importance and incremental cost criteria.
 - *financial issues* such as the type of trust fund established, its life-expectancy and methods and actors in mobilizing or leveraging other resources for the fund;
3. *Role within a national strategy*: “Parks” funds are often established as integral elements of a national protected areas strategy, a national biodiversity strategy, or a national environmental action program. Their *primary* role within that strategy is assuring that sustainable recurrent cost financing will be available for all or some national parks or protected areas. Some funds also provide grants to entities working in protected area buffer zones, but normally within the context of a park management strategy. Donors often finance “parks” funds as part of broader projects which, for example, help establish national park authorities, systems of park management, and technical support for organizations which will manage parks (usually government, but sometimes NGOs). The ability of a “parks” fund to have broader upstream impact on government policies and programs is primarily associated with the fund’s role within the overall protected areas system and secondarily associated with the protected area system’s role within a broader national biodiversity or environmental strategy.
4. “Grants” funds are harder to place within a broad national strategy and are not as integral. The focus of “grants” fund tends not to be specifically determined during the project design, but is left to the board of directors. Boards of directors often initially determine that the focus should be a specific set of stakeholders (normally NGOs, the private business sector, the research community, or a combination thereof). Some funds decide to focus their resources on new NGOs while others try to expand the programs of existing NGOs. With maturity, most funds have tended to move towards a focus on either: (a) specific biodiversity problem areas (e.g. sustainable use, agrobiodiversity, edge effects); (b) a geographic region (e.g. the Amazon); or (c) special protected areas (private reserves, buffer zones).
5. “Grants” funds are normally not automatically invited to a seat at the government policy table. Their upstream role tends to be a function of the size of the fund and its individual grants (associated with potential impact), its program “niche,” and whether the fund is perceived to have accumulated knowledge and experience to bring to the policy table. Sometimes governments subtly reject the policy or coordination initiatives of “grants” funds as inappropriate. FUNBIO’s attempts to establish regular meetings between the many environmental funds in Brazil was viewed as a good idea, but more appropriate for the government to orchestrate.
6. *Governance*: Because governments own the land set aside for national parks and protected areas, government plays an essential role in the governance of all “parks” funds. Most of these have the national parks director and other key officials on their board, although the government is not in the majority. PROFONANPE in Peru has the highest proportion of government representation (three of seven members).
7. The governance of “grants” funds is normally structured to reflect the stakeholders or users of the fund (NGOs, the private sector, the academic community). Government is represented on the board but is less dominant than for “parks” funds.

“Grants” funds often encourage broad ownership and participation via (a) setting aside board seats for formally elected representatives of stakeholder umbrella organizations; and (b) annual assemblies of stakeholder or member organizations. The most extensive representation of stakeholders is in the governance of funds that support a specific protected area (e.g., representatives of buffer zone communities) and in membership funds (EFJ).

8. *Program Management:* The programs of “parks” funds are focused on a limited universe of protected areas. The grant selection process is relatively simple. Activities funded usually support elements of a multi-year park management plan. Program monitoring and evaluation are relatively easy to the degree that all grantees are carrying out similar functions and they work in circumscribed geographic areas. Meeting GEF criteria on global significance is straightforward for protected areas which are so identified.

9. Program management for “grants” funds is more difficult and complex. “Grants” funds normally have a broader scope, review more proposals and finance more projects than “parks” funds. The breadth of the program tends to be associated with the breadth of the stakeholders or potential users (NGOs only, vs. NGOs, private sector, academia, and government). “Grants” funds have more freedom to finance innovative and catalytic projects. However, it is more difficult to easily ascertain the capacity of grantees to manage fund resources. Given the heavy competition for projects, the selection process is more difficult to manage and to keep transparent. Over time, most “grants” funds try to be more efficient program managers and to increase aggregate program impact by focusing their grants

on one or more program “niches.” However, focusing also risks leaving out some key stakeholders and may be difficult to achieve. Monitoring and evaluation is more difficult for “grants” funds not only because of the large number of grants, but also because of the need in some funds to evaluate civil society strengthening as well as biodiversity objectives. Meeting GEF criteria on global significance and incremental costs is more difficult for “grants” funds when projects are not limited to regions of global significance or are not easily aggregated into program “niches” which reflect GEF priorities.

10. *Financial issues:* A permanent endowment rather than a sinking fund is normally established for a “parks” fund, given the need for long-term sustainable financing for the recurrent costs of the protected area system. A sinking fund (or replenishment fund) is often seen as a more cost-effective use of capital for a “grants” fund because its projects are more catalytic and startup in nature and do not normally require long-term recurrent cost financing. If the fund is successful, it should be able to attract additional funds.

11. Fundraising is critical to increase the size of any trust fund. Governments have tended to be more active in providing revenues and raising funds for “parks” than “grants” funds. Governments show less commitment to “grants” funds and tend to believe that fundraising should be the responsibility of the key stakeholders and users of the “grants” fund (NGOs, the private sector). Governments may provide initial contributions to “grants” funds but government contributions after start-up are less likely.

Annex E
BIBLIOGRAPHY

General**Publications**

Asad, Musa (1997). *Innovative Financial Instruments for Global Environmental Management*. World Bank, Environment Department.

Bayon, Ricardo, and Carolyn Deere (1998). *Financing Biodiversity Conservation: The Potential of Environmental Funds*. IUCN-The World Conservation Union. Paper presented at NGO Forum, Convention on Biological Diversity COP, Bratislava, Slovak Republic.

Bowles, Ian A. and Dana Clark, David Downes, and Marianne Guerin-McManus (1996). *Encouraging Private Sector Support for Biodiversity Conservation: The Use of Economic Incentives and Legal Tools*. Conservation International Policy Papers (Vol. 1).

Central American Parliament, Central American Commission on Environment and Development, and Guatemalan Environmental Conservation Trust (1996). *Report on the First Central American Forum on National Environmental Funds*.

ECOFONDO/The Nature Conservancy (1996). *Regional Consultation on National Environmental Funds in Latin America and the Caribbean: Case Studies on National Fundraising*.

European Commission (1997). *Sustainable Management of Tropical Forests: Mid-term report on cooperation activities financed under Budget Line B7-6201*.

European Commission (1996). *Progress Report from the Commission on the Implementation of the European Community Programme of Policy and Action in Relation to the Environment and Sustainable Development*.

Fajer, Eric (1998). *Lessons Learned from National Environmental Funds in Latin America and the Caribbean* (internal USAID memorandum).

Foundation for the Philippine Environment, The Nature Conservancy, and UNDP (1997). *Report on the First Asia-Pacific Forum on Environmental Funds*.

Interagency Planning Group (1995). *Environmental Funds: A New Approach to Sustainable Development*. Also, *Environmental Funds: The First Five Years. Issues to Address in Designing and Supporting Green Funds*. Reports for a briefing for OECD/DAC Working Party on Development Assistance and Environment.

IUCN (1996). *Report of the Fifth Global Biodiversity Forum, Buenos Aires, Argentina*. See especially Innovative Funding Mechanisms, Workshop on Investing in Biodiversity, pp. 11-17.

IUCN, with The Nature Conservancy and World Wildlife Fund-US (1994). *Report of the First Global Forum on Environmental Funds*.

Jakobeit, Cord (1996). "Nonstate Actors Leading the Way: Debt-for-Nature Swaps." Chapter 5 in *Institutions for Environmental Aid*.

Kaiser, Jurgen and Alain Lambert (1996). *Debt Swaps for Sustainable Development: A Practical Guide for NGOs*. IUCN, SCDO and EURODAD.

McNeely, Jeffrey (1998). *Roles for Civil Society in Protected Area Management: A Global Perspective on Current Trends in Collaborative Management*. Paper presented to International Symposium on Adaptive Collaborative Management for Protected Areas, Cornell University, Ithaca, NY.

Meyer, Carrie (1997). "Public-Nonprofit Partnerships and North-South Green Finance." *Journal of Environment and Development*, 6(2), pp. 123-146.

Mikitin, Kathleen (1995). *Issues and Options in the Design of GEF Supported Trust Funds for Biodiversity Conservation*. The World Bank, Environment Department Papers, Biodiversity Series.

Naur, Maja (1998). *Zambia: Environmental Support Program. Social Issues in the Pilot Environmental Fund, Community Based Initiative Fund Component*. Report to the World Bank, AFT.

Resor, James P (1997). "Debt-for-Nature Swaps: A Decade of Experience and New Directions for the Future." *Unasylva* (FAO) Vol. 48. Reprinted by WWF-US.

Rubin, Steven, Jonathan Shatz, and Colleen Deegan (1994). "International Conservation Finance: Using Debt Swaps and Trust Funds to Foster Conservation of Biodiversity." *The Journal of Social, Political, and Economic Studies* 19(1), pp. 21-43.

Swiss Debt Reduction Facility (undated). *From Debt to Development*. Swiss Coalition of Development Organizations.

Tavera, Carmen, Pilar Vasquez, and Ruth Norris (1996). *Regional Consultation on National Environmental Funds in Latin America and the Caribbean: Final Report and Profiles of the Environmental Funds*. ECOFONDO, in collaboration with IUCN, The Nature Conservancy, World Wildlife Fund, DAMARENA, the Colombian Ministry of Environment, CARDIQUE, the MacArthur Foundation, UNDP, and the C.S. Mott Foundation.

UNDP/Global Environment Facility (1998). *Workshop Report: Strengthening the Capacities of National Environmental Funds in Latin America and the Caribbean*.

UNDP (1995). *National Desertification Funds in the Context of the United Nations Convention to Combat Desertification: A Concept Paper on Possible Scope and Operational Modalities*. Prepared by Office to Combat Desertification and Drought (UNSO).

UNEP (undated). *The UNEP Financial Institutions Initiative on the Environment*. Fact sheets, proposed plan of action, and Financial Services Initiative newsletter. Economics, Trade, and Environment Unit (Geneva).

UNEP, in collaboration with Columbia University (1997). *The Environment and Financial Performance: UNEP's Third International Round-Table Meeting on Finance and the Environment*.

US Department of the Treasury (1998). *The Operations of the Enterprise for the Americas Initiative, Report to Congress*.

Weatherly, W. Paul (1994). *Financing Biodiversity Conservation and Priority Investments in the Asia-Pacific Region*. IUCN paper for Asian Development Bank Regional Conference on Biodiversity Conservation.

Wells, Michael, Delfin Ganapin and Francine Tempe (1998). *Second Independent Evaluation of the GEF Small Grants Programme: The Transition to an Operational Phase*. Report to UNDP, New York.

Web sites

Financial Innovations for Biodiversity (Workshop from the 10th Global Biodiversity Forum, Bratislava, Slovakia, May 1998). <www.economics.iucn.org>

Site of Fondo de Las Americas, Chile <www.interaccess.cl/fdlla>

Country-specific

Belize

IPG (1997). Profile of PACT prepared for IPG workshop on capacity-building for NEFs (Merida, Mexico, December 1997).

Spergel, Barry (1996). *Belize's Protected Area Conservation Trust: A Case Study*. Paper for Regional Consultation on National Environmental Funds in Latin America and the Caribbean.

Personal communication, Humberto Paredes, executive director of PACT.

PACT Web site <www.belizenet.com/pact.html>

Bhutan

Bhutan Trust Fund for Environmental Conservation (1998). *Strategic Plan (final draft)*. Also, Investment Guidelines and other internal Fund documents

Global Environment Facility (1992). *Bhutan Trust Fund for Environmental Conservation*. Project Document.

Global Environment Facility (1997). *Bhutan Trust Fund for Environmental Conservation, Implementation Completion Report*.

Personal communication from Paljor J. Dorji, Deputy Minister, National Environmental Commission

Bolivia

Asselin, Robert, Ana Maria Linares and Ruth Norris (1996). *Institutional Evaluation of FONAMA*. Management Systems International for USAID.

Asselin, Robert, Ana Maria Linares and Ruth Norris (1996). *Evaluation of the Enterprise for the Americas Account*. Management Systems International for USAID.

Inter-Agency Planning Group. Profile of FONAMA prepared for 1997 Merida workshop on capacity-building for national environmental funds.

Brazil

FUNBIO (various). Organizational documents: *Relatorio Annual 1997. Trust Fund Grant Agreement (June 5, 1996). Manual do Executor. Manual de Operacoes. Estatuto. Investment Guidelines. Analise dos Investimentos. Edital Inaugural 96-97. Relatorio Quadrimestral de Execucao financeira dos Subprojetos (Jan-April 1998 and Nov-Dec 1997)*.

Fundacao Getulio Vargas/FUNBIO. *Regimento*.

Global Environment Facility (1996). *Brazil National Biodiversity Project and Brazilian Biodiversity Fund*. Project Documents.

Grupo Consultivo de Biodiversidade (undated). *Final Report* and other documents.

Grupo de Estudos em Biodiversidade, Universidade de Brasilia (1998). *Analise Qualitativa da Demanda do Primeiro Edital*.

IBAMA (1998). *Brazil National Report for the Biodiversity Convention*.

IBAMA/GTZ (1997). *Proceedings and Papers, International Workshop on Biodiversity Monitoring in Federal Protected Areas, Pirenopolis, Goias, Brazil, June 22-25, 1997*.

Ministry of Environment (1997). *Roles of the Clearing House Mechanism in Promoting and Facilitating the Implementation of the Convention on Biological Diversity.*

PROBIO (1997). *Edital.*

Rothschild Asset Management Limited (1996). *Mandate for Investment Management and Custodial Services.* (1998) *Portfolio Report FUNBIO, Valuation as of March 31, 1998.*

Eastern Carpathians

Foundation for Eastern Carpathian Biodiversity Conservation (various). *Management Report 1995-96. Deed of Foundation and By-laws. Minutes of Board meetings July 1995 and October 1995; investment proposals and account registration documents.*

Global Environment Facility (1993). *Ukraine Transcarpathian Biodiversity Protection Project.* Project Document.

Global Environment Facility (1992). *Poland Forest Biodiversity Protection Project.* Project Document.

Global Environment Facility (1994). *Slovak Republic Biodiversity Protection Project.* Project Document.

World Bank (1993). *The Framework of the Foundation for E. Carpathian Biodiversity Conservation.* (Minutes signed at the World Bank during negotiations of the Slovak Project, Sept. 16, 1993)

World Bank Legal Information Center (various). Documents on file: aide memoires of supervision mission March 1994, correspondence and memoranda among World Bank legal department, Task Manager, and WWF, drafts and revisions leading up to final Project Documents, comments on FEPS, minutes of negotiations.

Guatemala

Inter-Agency Planning Group. *Profile of FCG* prepared for 1997 Merida workshop on capacity-building for national environmental funds.

Personal communications, Maria Jose Gonzalez, executive director of FCG.

FCG Web site <www.sigloxxi.com/FCG/index.html>

Jamaica

anon. (1989) *Operational Plan of USAID-Jamaica's Environmental Agenda under the Enterprise for the Americas Initiative.*

Anon. *Agreement between the Government of the USA and Government of Jamaica concerning the Enterprise of the Americas Foundation.*

Barita Portfolio Management (1998). *Statement of March 31, 1998. Agreement between EFJ and Barita Portfolio Management* (Oct 1996).

Environmental Foundation of Jamaica (EFJ). *Strategic Plan 1997/9-2002/3. Annual Reports, 1992-93 and 1996-97. Articles of Association. Memorandum of Association of the Environmental Foundation of Jamaica. Financial Statement, Coopers and Lybrand* (July 1997). *Progress Report August 1995-July 1996. Guidelines for Requesting Funding. Projects Approved from Inception to July 31, 1994. Investments of the EFJ in Action Areas of the Jamaica National Environmental Action Plan* (May 1998). *Project Review Criteria* (1997). *Analysis of Funds-PL480 as at March 31, 1998. Analysis of Funds-USAID as at March 31, 1998. Fund Summary as at March 31, 1998. Investment Philosophy and Policy Statement* (1998).

Jamaica National Parks Trust (various). *Fundraising Plan 1998-2001. Financial Statements 1994 and 1995. Proposal to the Bank of Jamaica for a Pilot Debt Conversion for the Jamaica National Parks Trust Fund.* 1990.

Smith, David (1996). *Jamaica's Protected Areas Conservation Trust Fund: A Case Study*.

Mexico

FANP/FMCN (1997). *Manual de Operaciones, Manual de Operaciones, Fondo de Donativos para Areas Naturales Protegidas*.

FANP (1998). *Reporte cuatrimestral, enero a abril 1998*

FMCN (various). *Convocatorias for FMCN grants program, 1997 and 1998. Informe Annual 1996. Informe Annual 1997. Sistema Operativo y Criterios para la Evaluacion, Seleccion y Apoyo de Proyectos (Marzo 1996)*.

Various other Board and investment policies, draft strategic plan, monitoring and evaluation data, agreements with asset managers, by-laws, financial statements, working documents, tables and data provided by staff of FMCN and FANP.

Global Environment Facility (1997). *Mexico Protected Areas Program: Proposed Restructuring Project*. Project Document.

Sutton, Richard. April 1998 and May 1998 investment reports, Braehead Treasury Management.

US Agency for International Development (1995). *Mexico Nature Conservation Fund*. Project Paper.

National park system documents:

Programa Operativo Annual 1998, Reserva de la Biosfera Ria Lagartos

FMCN Web site<www.fmcn.org>

Peru

Agencia Canadiense para el Desarrollo Internacional (1998). *ACDI y su Programa de Cooperacion al Desarrollo del Peru. Mecanismos de la Cooperacion Canadiense en el Peru*.

Angelina, Natalia And Vizcarra Noriega. *Terminos De Referencia Para La Elaboracion Del Estudio Y Proyecto Definitivo Del "Centro De Interpretacion De La Biodiversidad De La Reserva De Biosfera Del Manu"* Region Inka-Gesuremad, Proyecto Especial Regional Parque Nacional Del Manu.

Congreso de la Republica (1997). *Ley de Areas Naturales Protegidas. Modifican la Ley Organica del Ministerio de Agricultura*

Consejo Nacional del Ambiente (undated). *CONAM por el Desarrollo Sostenible. Politica Ambiental Peruana*.

Dominguez Faura, Javier Luis (1997). *Informe de Gestion del Director Ejecutivo del Programa de Manejo Integral del Santuario Historico de Machu Picchu*.

FINNCONSULT and INDUFOR (1995). Documento de Proyecto, Manejo Integral del Santuario Historico de Machu Picchu.

Fondo Peru-Canada (undated). *Vision y estrategia 1996-2000; Guia para la presentacion de proyectos*.

Global Environment Facility (1995). *Republic of Peru National Trust Fund for Protected Areas*. Project Document.

Ministerio de Agricultura, Instituto de Recursos Naturales, Direccion General de Areas Naturales Protegidas y Fauna Silvestre, Direccion de Areas Naturales Protegidas (undated). *Nueve Areas Prioritarias (Proyecto KFW)*.

Primer Congreso Latinoamericano de Parques Nacionales y Otras Areas Protegidas (1997). *Informe Nacional, Sistema Nacional de Areas Naturales Protegidas por el Estado, Peru 1997*.

PROFONANPE (various). *Estatutos del PROFONANPE. Memoria 1993. Proyectos Piloto 1995-96. Reporte del Coordinador del PROFONANPE Referente a sus Actividades Realizadas en 1996. Proyecto Financiamiento de Costos Recurrentes: Primer Informe de Ejecucion. Informe de Gestion 1997. Aportes Financieros Provenientes de la Conversion de la Deuda Bilateral, de la Cooperacion Tecnica y Financiera Internacional, y de Entidades Privadas. Manual de Organizacion, Funciones y Politicas. Programa de Financiamiento de Actividades Productivas Sostenibles en las ANPEs (DRAFT).*

Proyecto Especial Regional Parque Nacional del Manu (1997-98). *Memoria Anual 1997, Plan Operativo 1998.*

World Bank. (1996-98). Aide memoires for supervision missions, June 1996, December 1996, August 1997, April 1998.

Philippines

FPE, TNC and Inter-Agency Planning Group. Profile of FPE published in proceedings, *First Asia-Pacific Forum of National Environmental Funds* (1997).

Personal communications, Buenafe Solomon, information and networking specialist, FPE.

Global Environment Facility (1994). *Republic of the Philippines, Conservation of Priority Protected Areas project.* Project Document.

South Africa

Global Environment Facility (1998). *South Africa Cape Peninsula Biodiversity Conservation Project.* Project Document.

Personal communication, Dr. Rob Little, WWF-South Africa.

Table Mountain Fund (1998). *Deed of Trust. Operational Manual. Briefing Document for the National Parks Committee. Funding Application Procedure. Project Screening Criteria. Guidelines for Reviewing Applications. Terms and Conditions of Grant Funding. List of Currently Active Projects.*

Uganda

Braehed Treasury Management (1997). Report to MBIFCT on asset management.

CARE-Uganda (1998). *Survey of Knowledge and Attitudes from People from the Communities Bordering Bwindi Impenetrable National Park and Mgahinga Gorilla National Park.*

Global Environment Facility. (1995). *Bwindi Impenetrable National Park & Mgahinga Gorilla National Park Conservation.* Project Document.

GEF (1996). *Project implementation review.*

MBIFCT (various). *Articles of Association and Bye-Laws. Trust Administration Unit Workplan 1997-98. Minutes of the Trust Management Board (TMB), Local Community Steering Committee (LCSC), and Technical Advisory Committee (TAC). Technical Advisory Committee Guidelines. Trust Administration Manual. Project Selection Criteria for Community Projects*

US Agency for International Development (1995). Project Implementation Letter, USAID Grant Agreement No. 617-0214, granting \$880,700 to MBIFCT

USAID (1998). *Report of the Evaluation of the Mgahinga-Bwindi Impenetrable Forest Conservation Trust.*

World Bank (1997). Report of supervision mission. (1998) *MBIFCT Project Midterm Review Draft Report.*