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GEF PIPELINE 2

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I. INTRODUCTION

1. The GEF Pipeline is the list of all the regular full size projects under preparation that have been reviewed and cleared by the Secretariat for GEF eligibility. Projects in the pipeline are in Phase I, "Project Preparation," of the GEF Project Cycle. Medium Sized Projects and Enabling Activities are not included in this list as they do not go through an extensive preparation period and do not have to be reviewed by the Secretariat for eligibility prior to being submitted for approval.

2. The formal entry of projects into the GEF Pipeline provides an important opportunity for the Secretariat to review the concept for conformity with the GEF strategy, with the program to which it would contribute, and with other GEF policies. At pipeline entry there has been no major commitment of resources to the project so comments on the project design can be accommodated more easily. Timely publication of the pipeline gives

- (a) more time for Council members to assess the proposal;
- (b) advance information to Implementing Agencies, other multilateral development organizations, Regional Development Banks, bilateral development assistance agencies, and other organizations so that they can discuss the complementarity of efforts with the agency responsible; and
- (c) early notice to private organizations of possible opportunities for procurement of goods and services.

3. In previous years, the Secretariat reviewed project concepts only insofar as this was necessary for recommending the provision of PDF-B resources for project preparation. However, agencies have been encouraged to prepare projects without GEF resources wherever this is feasible, and such proposals would be reviewed for eligibility only at a very late stage -- when they had been fully prepared. Council therefore had the opportunity to review proposals only when they were well advanced in preparation and included in the Work Program submitted for their approval. In response to a Council request for pipeline information, the Secretariat then sought pipeline information from the agencies and published it as part of the *Operational Report on GEF Programs*. This went part of the way to meeting the needs, but for comprehensiveness, timeliness, and interagency consistency of the data, a more formal screening was required.

4. An understanding was reached at the May 1999 Council Meeting that the Secretariat would work with the Implementing Agencies and executing agencies to prepare a pipeline of GEF projects on a regular basis. Thenceforth, pipeline information on proposals would be made available to Council at least one meeting prior to the meeting at which the Work Program was to be discussed. Pipeline information would include GEF eligibility of the proposal, the core commitments of the Implementing Agency upon which the project would build and the proposed partnership and execution arrangements. Special attention would be devoted to building stronger pipelines of GEF eligible projects with land degradation activities and climate change projects.

5. The current document is the second edition of the pipeline publication in response to that. This second edition includes (among many others) all the concepts for full size projects that would be included in the first intersessional Work Program in the year 2000 and in the Work Program for the May 2000 Council meeting. Note that, as fees are still under discussion, no information is yet available on applicable fees and that the likely size of the projects will emerge during project preparation.

6. All the projects presented for approval must be country-driven and have the endorsement of the operational focal point. Accordingly, the Secretariat expects that concepts presented for the pipeline emerge from discussions between the agency and the country. However, as these projects are at a very early stage of development, there is no formal requirement at this conceptual stage for an endorsement unless there is an accompanying request for PDF resources (for which an endorsement is always required).

7. An Implementing Agency (or one of the partner Regional Development Banks) is responsible for preparing the Project Concept Document that describes the proposal in sufficient detail for eligibility review. The Secretariat reviews each proposal on the basis of project review criteria that include:

- (a) Country ownership (including eligibility, country-drivenness, and endorsement where relevant);
- (b) Program and policy conformity (including a conceptual project design, the incremental nature of the activity, and stakeholder identification);
- (c) Identified activities and sources of financing; and
- (d) Institutional coordination and support (including Implementing Agency core commitments, linkages, coordination, and collaboration issues).

8. During the review and associated bilateral meeting, there is also a discussion on how key issues will be addressed during project preparation, and whether the terms of reference and budget for the PDF-B (if requested) are adequate for this purpose.

9. The current pipeline includes the first concepts submitted directly by Regional Development Banks under expanded opportunities for executing agencies.

10. Important project issues that emerged at pipeline entry, and which will be addressed prior to submitting projects for Council approval, concern country ownership,

the project design elements that would ensure the sustainability of project benefits and facilitate replication, and incremental cost.

COORDINATION

11. Publication of the GEF Pipeline provides an important opportunity for coordinating the activities of GEF Implementing Agencies, Regional Development Banks, multilateral and bilateral development cooperation agencies, and other international and national organizations. Among other things, each concept document identifies the areas of operation, broad nature of activities, major stakeholders, and links to other ongoing or planned activities. Organizations with ongoing activities therefore have the opportunity to comment on both technical aspects and coordination arrangements. Organizations planning new activities can also take this concept into account, and Implementing Agencies proposing new GEF activities of a similar type or in the same general area would do so in reference to the concept in the pipeline.

12. For the pipeline to realize its full potential as a coordination tool:

- (a) concepts need to be clear and specific enough both to guide the proponents on subsequent project preparation and to highlight for other organizations the possible overlaps and synergies -- the project review criteria are therefore being refined to achieve common understandings among the Implementing Agencies on this;
- (b) comments from other organizations need to be received as soon as possible after pipeline entry -- following the understanding reached at the May 1999 Council Meeting, the pipeline is therefore published at least one Council Meeting prior to the Work Program in which the subsequent project would be included;
- (c) as required by the Project Cycle, projects need to be well advanced in preparation by the time of Work Program inclusion so that responses to all technical and coordination comments can be incorporated by the time Council considers the Work Program for approval -- the Secretariat has therefore been discussing how common standards for Work Program inclusion can be mainstreamed in the Implementing Agencies; and
- (d) a geographically referenced database of GEF projects needs to be developed -- under the GEF-UNEP Strategic Partnership, an internet map server for the GEF database has therefore been proposed to provide geographical information on GEF and other related projects as well as overlays of environmental information.

COUNTRY OWNERSHIP

13. At pipeline entry, no endorsement is required unless GEF resources are being committed (e.g., for a PDF-B grant). Many of the concepts are accompanied by a PDF request, and so the endorsement is in fact provided. In other cases, there is other evidence of country drivenness. Willingness to borrow for baseline activities is one indicator, such as in the proposals submitted by the World Bank and Regional Development Banks -- e.g., the *China: Wind Power Development* project. Discussions with the appropriate government ministries is another. Conformity with a National

Biodiversity Strategy and Action Plan, a National Communication to the Framework Convention on Climate Change, or a National Report to the Convention on Biological Diversity would be strong evidence, but is not always available.

REPLICATION

14. Several proposals have major scope for replication or will develop replicability in ways that have wider significance. For example, and following up STAP advice, the *China: Wind Development* project has tremendous potential for replication throughout China and central Asia especially if the concept of demonstrating commercial viability works. The *China: Songhua Flood Control and Biodiversity Protection* project would demonstrate the efficacy of substituting wetlands for infrastructure in flood control and, if successful, would integrate biodiversity protection with such measures. Experiences gained in the approach to fisheries management and coastal ecosystem management that has been used in Pakistan and Bangladesh, and now extended to the *Solomon Islands: Fisheries Management and Marine Biodiversity Conservation* project, can be used in other small island developing states with similar problems. It is expected that pilot ESCO projects, such as the *Thailand: Energy Service Company Development* project, will help stimulate interest in both supply and demand for ESCO services and, in particular, energy performance contracting as well as provide valuable case studies for similar activities elsewhere. Project design elements to facilitate this replication may be needed now that the GEF portfolio in ESCOs is maturing. The *Africa: Senegal River Basin Water and Environmental Management* program addresses, among other matters, the mitigation of long term effects of large dams and solutions and new approaches developed here may be widely replicable in and outside the region. The *Russia: Protection of the Arctic Marine Environment* project would be a demonstration under the Global Plan of Action on Land Based Sources of Marine Pollution and, as such, the project design will include mechanisms for dissemination and replication both at the ecosystem level and for specific hot-spot pre-investment studies. Also the *Russia: Mutnowsky Geothermal Development* project would target replication, but through demonstration of commercial viability of private investments in geothermal energy. The *Multi-Country: Persistent Toxic Substances – Country Case Studies* project is entirely focused on replication: accelerating the resolution of national problems in the management of persistent toxic substances (PTS) by drawing internationally applicable lessons from representative case studies and validating PTS management guidelines. The *Morocco: Transhumance for Biodiversity Conservation in Southern High Atlas* project could provide models for the conservation and sustainable use of grazing-dependent habitats in other arid or semi-arid areas. The outcomes of the *Belize, Guatemala, Honduras: Environmental Protection of the Gulf of Honduras and Maritime Transport Pollution Control* project would be replicable throughout the wider Caribbean and elsewhere, so mechanisms to enhance replicability will be developed.

SUSTAINABILITY

15. Project proposals, by the time that they are submitted for Council approval, will show how the project benefits would be sustained after project completion. Some of the approaches being developed include alternative livelihood development, recurrent cost financing, and benefit-sharing in the *Sri Lanka: Wildlife Conservation* project. Local capacity building and structural and institutional reform would be the focus in the *Solomon Islands* project; while government, community, and other stakeholder

commitment and involvement would be relied on in the *Swaziland: Biodiversity Conservation and Participatory Development* project, the *China: Songhua* project and others. In climate change projects, there will have to be appropriate incentives for the operation of the project and commercial feasibility that sustain benefits.

INCREMENTAL COST

16. One of the main benefits from formal pipeline review, is the opportunity to discuss at a project-specific conceptual level the incremental nature of the proposed activity. This would assist the agency in their discussions with government counterparts. This discussion is based on a broad understanding of the baseline course of action, the proposed alternative, and whether the proposed alternative activities build on or substitute for baseline activities.

NON-MATURING CONCEPTS

17. Some early project concepts have not matured as proposals for Council consideration even after several years have elapsed since the project preparation grant had been made. The Secretariat has therefore identified in the pipeline document those concepts for which preparation had not commenced within six months of pipeline entry or for which preparation was not complete within three years, and will discuss them with the Implementing Agencies with a view to (i) reporting to Council on the reasons for any delay or proposed termination and (ii) removing non-maturing concepts from the GEF Pipeline.

PROJECTS INCLUDED IN THE WORK PROGRAM FOR DECEMBER 1999

18. The pipeline includes all the full-sized projects that have now been presented in the Work Program for December 1999 (see GEF/C.14/6). These projects, listed in Section V., will be graduated from the pipeline if Council approves this Work Program.

II. PROJECTS IN THE GEF PIPELINE

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Global	UNDP	International Waters	12/1997	\$0.35	Removal of Barriers to the Abatement of Global Mercury Pollution from Artisanal Gold Mining	The project will demonstrate and enable the development of alternatives to mercury amalgamation as an artisanal gold mining method in developing countries with cleaner, locally produced technology.
Global	UNEP	Biodiversity	03/1999	\$0.25	Management of Agrobiodiversity for Sustainable Land Use and Global Environmental Benefits	This project will explore sustainable land use approaches and look at examples of agrobiodiversity systems.
Global	UNEP	Biodiversity	12/1998	\$0.35	Millennium Assessment of the State of the World's Ecosystems	The project will develop prototype that will form the methodological basis for carrying out a global assessment of the earth's ecosystems.
Global	UNEP	Climate Change	10/1999		Solar and Wind Resource Assessment Facility	
Global	UNEP	International Waters	06/1997	\$0.33	Reducing the Impact of Tropical Shrimp Trawling Fisheries on Living Marine Resources	The project will promote regional and national activities aimed at reducing the effects of tropical shrimp trawling operations on habitats and species; promote the use of best practices and technologies including by-catch exclusion technology.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Global	UNEP	International Waters	06/1999	\$0.35	Persistent Toxic Substances - Country Case Studies	The project would enable the acceleration toward the resolution of national problems in the management of persistent toxic substances that pose adverse transboundary effects.
Global	UNEP	International Waters	07/1998	\$0.34	Regionally-based Assessment of Persistent Toxic Substances	The project will deliver a comprehensive regionally-based assessment of the threats posed by persistent toxic substances to the environment and human health in relation to the distances over which they are transported.
Global	World Bank	Multiple Focal Areas	02/1997	\$0.33	Land Degradation Control Projects - Development of an IFAD Pipeline of GEF-eligible projects	The PDF will advance the learning process on incorporating global dimensions into land degradation control projects; build IFADs capacity to prepare land degradation control projects that specifically address global problems.
Regional (Bosnia, Herzegovina, Bulgaria, Hungary, Romania, Slovenia)	EBRD	International Waters	09/1999		Danube Pollution Reduction Programme	Within the framework of the GEF/UNDP/EU Danube Pollution Reduction Programme, a number of high priority projects addressing the main transboundary cause of degradation, nutrient discharges, have been identified.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional (Belize, Guatemala, Honduras)	IADB	International Waters	09/1999		Gulf of Honduras Maritime Transport Pollution Control Project	The proposed intervention aims at the control and prevention of maritime transport related pollution in the major ports, navigational transport routes and adjacent coastal areas in the Gulf of Honduras.
Regional	UNDP	Biodiversity	04/1997	\$0.35	Mekong River Basin Wetland Biodiversity	The project will have 3 inter-linked levels of activity involving Lao PDR, Cambodia, Thailand and Vietnam: a chain of demonstration models of participatory management and sustainable use of wetlands, policy development and regional activities.
Regional	UNDP	Biodiversity	04/1998	\$0.35	Development of a Regional Strategic Action Programme (SAP) for the Environmental and Biodiversity Resources of the Ecosystems of the Congo Basin	The project will enhance regional efforts to conserve and sustainably use the biodiversity of the forest ecosystems of the Congo basin by addressing priority common, shared, and transboundary issues.
Regional	UNDP	Biodiversity	11/1995	\$0.06	Germ Plasm for Arid Lands	The project will focus on the identification and conservation of endemic species of arid and semi-arid lands which are under threat with extinction, especially from excessive and unmanaged rangeland use and overgrazing.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional	UNDP	Biodiversity	10/1999		Development and Implementation of a strategic Action Program (SAP) for the Guinea Current Large Marine Ecosystem.	
Regional	UNDP	Climate Change	09/1993	\$0.30	Greenhouse Gas Assessment and Least Cost Global Warming Mitigation Strategies for LAC	This project is considered a "first phase" in a multi-phase process. The two {-and-one-half} year Project will involve OLADE and selected member countries in the Region of Latin America and the Caribbean (LAC).
Regional	UNDP	Climate Change	09/1998	\$0.31	Caribbean Renewable Energy Development Project	The PDF would assess the policy, financing, capacity and awareness barriers to the exploitation of renewable energy resources and design the components of a project to remove them.
Regional	UNDP/World Bank	International Waters	06/1995	\$0.35	Integrated Management of the Lake Chad Basin	The project will support the countries of the Lake Chad Basin to develop a strategic action Programme to address the critical environmental problems of the basin.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional	UNDP	International Waters	06/1996	\$0.35	Integrated Management of the Okavango River Basin	The project will develop a strategic action programme to support the riparian countries of the Okavango River basin in their efforts to work together to assure sustainable development and management of the basin's land and water resources.
Regional	UNDP	Multiple Focal Areas	08/1996	\$0.21	Integrating Global Environmental Dimensions into Public Policy Making in Latin America: A Multisectoral and Participatory Framework	The project's goals are 1) the adaptation of public policy frameworks to reflect increased national commitment to the objectives of the two global conventions; 2) increased private sector investment in technologies and production systems.
Regional	UNDP/UNEP	Ozone Depletion	02/1997	\$0.25	Montreal Protocol - Country Programme Formulation	The global environmental objective is to rapidly eliminate the consumption of ODS in Estonia and Moldova. Specifically, the project will ensure the countries' ability to meet requirements of the Montreal Protocol.
Regional	UNEP	Biodiversity	02/1998	\$0.34	Desert Margin Programme	This project will delineate pilot sites in the arid and semi-arid regions in Africa and propose management plans and rehabilitation of degraded lands.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional	UNEP	International Waters	02/1998	\$0.35	Preparation of a transboundary diagnostic assessment for the Protection of the Canary Current Large Marine Ecosystem from Land-based Activities	The project will develop a strategic action programme that will identify and assess problems and causes, contained in the comprehensive TDA to reduce the degradation of the Canary Current Large Marine Ecosystem.
Regional	UNEP	International Waters	03/1996	\$0.33	Elaboration of the Transboundary Diagnostic Analysis (TDA) and Strategic Action Plan (SAP) and Implementation of Priority Elements of the SAP for the Marine and Coastal Environment of the Western Indian Ocean	The overall objective of this project is to prepare a transboundary diagnostic analysis and the framework elements of a strategic action programme that builds upon and complements the institutional and programmatic framework put in place.
Regional	UNEP	International Waters	07/1998	\$0.30	Development of Comprehensive Management Programs to Reduce Pesticide Release from the Agricultural Sector to the Marine Environment of the Caribbean Sea	The project will protect the marine environment in the Caribbean Sea by reducing the use of, and reliance on, pesticides in agricultural activities. The project will assist the countries in developing and implementing comprehensive management practices.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional	UNEP	International Waters	12/1996	\$0.34	Formulation of a Transboundary Diagnostic Analysis and Preliminary Framework of a Strategic Action Programme for the South China Sea	The primary objective of the initiative is to undertake an extensive transboundary diagnostic analysis for the South China Sea and the watersheds draining into it. The transboundary diagnostic analysis will form the basis for formulating a framework.
Regional	UNEP	Ozone Depletion	12/1998	\$0.34	Country Programme Formulation and Technical Assistance/ Investment Project Preparation for Implementation of the Montreal Protocol	The global environmental objective is to rapidly eliminate the consumption of ODS in Tajikistan and Kazakhstan. Specifically, the project will ensure the countries' ability to meet requirements of the Montreal Protocol.
Regional	UNEP/UNDP	Biodiversity	05/1999	\$0.32	Community based Conservation of Indigenous Fauna and Flora and Rehabilitation of Degraded Pastoral Lands and Conservation of Biodiversity in the Semi-arid Savannahs of Southeastern Kenya, Northeast Tanzania and Northeast Uganda	The project will develop a transboundary and comparative community based pilot approach to preservation of indigenous flora and fauna and rehabilitation and restoration of degraded ecosystems in the semi-arid savannas in Southeastern Kenya.
Regional	UNEP/UNDP	Biodiversity	07/1997	\$0.32	Rehabilitation of degraded pastoral lands and conservation of biodiversity in the semi-arid savannas of South Eastern Kenya, North-Eastern Tanzania and North-	The project will address land degradation problems of the Maasai Steppe ecosystems in Kenya and Tanzania and of the similar ecosystem in Northeast Uganda.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
					Eastern Uganda	
Regional	UNEP/UNDP	Biodiversity	10/1997	\$0.34	Conservation and Sustainable Use of Biodiversity in the Gregory Rift Valley Lakes	The project will provide demarcation of proposed project site and management plans for a possible protected area for demarcation in the Gregory Rift Valley Lakes region.
Regional (Mexico, Guatemala, Belize, Honduras)	World Bank	Biodiversity	12/1998	\$0.35	Conservation and Sustainable Use of the Mesoamerican Barrier Reef System	The project will develop a region wide approach to conservation of the Mesoamerican Barrier Reef System through mapping, GIS, and pilot sites to be identified.
Regional	World Bank	International Waters	09/1997	\$0.349	Bay of Bengal Large Marine Ecosystem	This is the first phase of a long-term program for managing the large marine ecosystem and consists of preparation of Strategic Action Program to address the major environmental threats.
Regional	World Bank	International Waters	12/1997	\$0.35	Preparation of a Transboundary Diagnostic Analysis and Preliminary Framework Strategic Action Programme for the Bay of Bengal	The project will develop an agreed strategic action program for the sustainable management of the Bay of Bengal large Marine Ecosystem.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
					Large Marine Ecosystem	
Regional (Angola, Namibia, South Africa)	UNDP/UNEP /World Bank	International Waters	01/1997	\$0.33	Integrated Management of the Benguela Current Large Marine Ecosystem	The main objective of the project is to enhance regional efforts to address critical ecosystem and environmental problems in the area through the development and implementation of a coordinated and integrated approach to sustainable ecosystem management.
Regional (Guinea, Mali, Mauritania, Senegal)	World Bank	International Waters	06/1999	\$0.35	Senegal River Basin and Environment Management Program	The project will ensure sustainable management of the basin's water resources, biodiversity, and environment.
Regional (Antigua & Barbuda, Bahamas, Barbados, Cuba, Dominica, Dominican Republic, Grenada, Haiti, Jamaica, St Lucia, St Kitts and Nevis, St Vincent and Grenadines, Trinidad and Tobago)	UNEP	International Waters	10/1999		Integrating Management of Watersheds and Coastal Areas in Small Island Developing States in the Caribbean	

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional (Benin, Guinea, Mali, Niger, Nigeria)	World Bank/UNDP	International Waters	06/1999	\$0.35	Reversing Land and Water Degradation Trends in the Niger Basin	Overall objective of this project is the sustainable development of the Niger River Basin and the protection of its dryland and aquatic resources and associated biodiversity. The project will support the nine riparian countries.
Regional (Burundi, Congo DR, Egypt, Eritrea, Ethiopia, Kenya, Rwanda, Sudan, Tanzania)	World Bank	International Waters	10/1999		Nile Basin Initiative - Basin-wide Shared Vision Program	
Regional (Cameroon, Congo, Gabon)	UNDP	Biodiversity	10/1999		Conservation of Transboundary Biodiversity in the Minekebe-Oszala-Dja Interzone in Gabon, Congo and Cameroon	
Regional (Central/ Eastern Europe, Czech Republic, Slovakia, Poland, Hungary, Romania, Bulgaria)	UNEP	Climate Change	04/1999	\$0.34	Establishing M & TESCOs in Central/ Eastern Europe	The PDF will establish detailed business plans for M&T ESCOs in various Central and Eastern European countries; establish initial commitments from an umber of end user companies; investigate financing options for the M&T ESCO businesses.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional (China, Iran, Kazakhstan, Russian Federation)	UNEP	Biodiversity	10/1999		Conservation of the Globally Significant Wetlands and Migration Corridors Required by Siberian Cranes and Other Globally Significant Migratory Waterbirds in Asia	
Regional (China, Republic of Korea, Korea PDR)	UNDP	International Waters	05/1997	\$0.34	Yellow Sea Large Marine Ecosystem	The project will prepare a transboundary diagnostic analysis for the region, and a strategic action program proposal for a water body-based international waters/biodiversity project in the Yellow Sea.
Regional (Costa Rica, Nicaragua)	UNEP	International Waters	05/1998	\$0.28	Integrated Water Resource Management and Sustainable Development of the San Juan River Basin and its Coastal Zone	The project will formulate a strategic action program for the integrated water resource management of the San Juan River basin and its coastal zone. The preparation phase will include but not limited to mitigation measures to alleviate adverse impacts.
Regional (Estonia, Latvia, Lithuania):	UNDP	Climate Change	06/1999	\$0.27	Baltic Wind Power Programme	The project will remove barriers to the commercial scale wind power production in the Baltic states: Estonia, Latvia and Lithuania. The PDF will elaborate the existing barriers to the development of wind power market and define measures to overcome them.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional (Estonia, Latvia, Lithuania, Poland, Russian Federation)	World Bank/UNDP	International Waters	02/1999	\$0.35	Baltic Sea Regional Project	The project will implement priority actions to address transboundary environmental concerns associated with sustainable production of biomass, conservation of living marine resources and control of non-point sources of pollution from agriculture.
Regional (Georgia, Romania, Russian Federation, Turkey, Ukraine)	UNDP/UNEP /World Bank	International Waters	10/1999		Nutrient Reduction Programme - Regional Project for the Black Sea.	
Regional (Guinea, Mali, Mauritania, Senegal)	World Bank	International Waters	06/1999	\$0.35	Senegal River Basin Water and Environmental Management Program	The project has the overall objective of ensuring the sustainable management of the basin's water resources, biodiversity and environment.
Regional (Indonesia, Malaysia, Philippines)	UNDP	Biodiversity	10/1999		Conservation of the Ecological Balance of the Sulu-Sulawesi Marine Ecosystems	
Regional (Mexico, Guatemala, Belize, Honduras, Nicaragua, El Salvador, Costa Rica, Panama)	UNEP	International Waters	10/1999		Comprehensive Action Programme to Phase out DDT and Reduce the Long-term Effects of Exposure in Mexico and Central America	

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Regional (Mozambique, Zambia, Zimbabwe)	UNEP	Biodiversity	07/1999	\$0.33	A Strategy for the Integrated Conservation of Dryland Biodiversity Through Land Rehabilitation in the Arid and Semi-Arid Regions	This project will develop a regional approach to conservation of dryland biodiversity by using an integrated land rehabilitation approach adapted to arid and semi-arid sites.
Algeria	UNDP	Biodiversity	03/1999	\$0.18	Conservation and Sustainable Use of Globally Significant Biodiversity in the Tassili and Hoggar National Parks	The project will remove barriers and threats to loss of biodiversity in national parks of Hoggar and Tassili, without excluding the safeguard of the archaeological patrimony., will also allow the strengthening of the national capacities.
Armenia	World Bank	Biodiversity	10/1999		Environment Project	Establish a framework for sustainable economic development and mainstreaming environmental issues into sectoral plans and policies. The global development objective is to protect biodiversity and demonstrate its benefits to local communities.
Argentina	World Bank	International Waters	10/1999		Antarctic Waters Waste Management Project	The primary objective is to forge a consensus on how to handle and dispose of the ship - and research station-generated wastes, and to help design the self-financing mechanism needed to implement agreements.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Argentina	World Bank/IFC	Climate Change	09/1997	\$0.36	CO2 Reinjection Pilot	The PDF C project will introduce relatively new enhanced oil recovery technology. This is based on the re-injection of CO2 into producing oil formations to increase ultimate recovery of oil from these fields.
Armenia	UNDP	Biodiversity	12/1997	\$0.10	In-situ Conservation and Sustainable Use of Agrobiodiversity	The project will develop an integrated approach to in-situ conservation of plant agrobiodiversity in Armenia. The project will combine in-situ conservation with conservation of crop wild relatives in protected areas.
Armenia	UNDP	Climate Change	07/1998	\$0.21	Removing Barriers to Energy Efficiency in Municipal Heat and Hot Water Supply	The PDF C will help to specify barriers to energy efficiency in municipal heat and to determine most efficient ways to remove them.
Armenia	World Bank	Climate Change	03/1999	\$0.35	Yerevan Geothermal Pilot Project	The project will promote geothermal heat as an indigenous, environmentally friendly and cost-effective source of energy.
Armenia	World Bank	Biodiversity	10/1999		Environment Project	The objective is to establish a framework for sustainable development into sectoral plans and policies. The global development objective is to protect biodiversity and demonstrate its benefits to local communities.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Azerbaijan	EBRD	Climate Change	09/1999		Efficient Use of Natural Resources	Azerbaijan has significant resources of crude oil from its oil fields off shore, and with it considerable amounts of associated gas with substantive economic value. There is, however, a serious deficiency in infrastructure to transport the associated gas.
Bangladesh	UNDP	Biodiversity	10/1993	\$0.25	Coastal and Wetland Biodiversity Management (Coastal and Wetland Biodiversity Management at Cox's Bazaar and Hatakuki Hoar)	This preparatory initiative is to develop a full project proposal, to implement a reserve and multiple-use management programme for the protection, sustainable management and integration of at least three priority coastal biodiversity sites in Bangladesh.
Benin	World Bank	Multiple	08/1999	\$0.295	Integrated Management of Forests and Adjacent Lands	Project aims to diversify sources of income from forests through: (i) reform forestry administration; (ii) support community-based management (iii) stimulate private investment; and, (iv) improve the efficiency of agricultural production.
Bhutan	UNDP	Climate Change			Removing Barriers to Mini and Micro Hydropower Development for Decentralized Rural Electrification (DRE)	

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Brazil	UNDP	Biodiversity	01/1994	\$0.50	The Pantanal: Ecosystem Management of a Major Center of Wetland Biodiversity	This preparation project will design a project proposal for future funding that will present an ecosystem approach to integrating biodiversity conservation within sound development in the Pantanal region.
Brazil	UNDP	Biodiversity	05/1993	\$0.10	Sustainable Management of the Caatinga Ecosystems	Establish a research program of a monitoring system for carbon sequestration control. This system will work with pilot demonstration units for integrated forestry and agro-forestry management, efficient use of fuel wood, and reforestation studies.
Brazil	UNDP	Biodiversity	05/1995	\$0.28	Juruena Feasibility Study for Industrial Production of Non-Timber Forest Products (Promoting Biodiversity Conservation and Sustainable Use in the Frontier Forests of Northwestern Mato Grosso)	The PDF-B project is to conduct the initial research necessary to develop a full-scale project to promote the local processing of forest resources which are sustainably produced and gathered.
Brazil	UNDP	Climate Change	02/1998	\$0.33	Reducing the Long-term Costs of Solar Thermal Power Generation	The project will reduce the long term costs of solar thermal power production by promoting the investments in solar thermal power production so that, through learning and economies of scale.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Brazil	UNDP	Climate Change	03/1997	\$0.34	Hydrogen Fuel Cell Buses for Brazil (Hydrogen Fuel Cell Buses for Urban Transport)	The long term objective of the project is to help accelerate the commercialization of fuel cell buses that can use hydrogen produced from renewable resources.
Brazil	World Bank	Biodiversity/ International Waters	07/98	\$0.30	Expansion & Consolidation of a System of Strict Protected Areas in the Amazonia Region	Project would support expansion and consolidation of strict protected areas in the Amazonian region.
Brazil	World Bank	Biodiversity	10/1999		Integrated Management of Freshwater Biodiversity and Water Resources in the Amazon	The project will improve the management of natural resources through involvement of local groups and development of institutional and legal frameworks that support sustainable development of basin resources.
Bulgaria	World Bank	International Waters	10/1999		Wetland Restoration Project	The project would implement the priorities of improved natural resources management and biodiversity conservation identified in the NEAP and Biodiversity Strategy/Action Plan at local watershed levels where mechanisms in state community, and private partnerships would be tested and later replicated on a broader scale.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Cameroon	UNDP	Climate Change	11/1993	\$0.40	Private sector/GEF co-financing of global warming mitigation in Cameroon through biomass conservation & restoration	The objective of this PRIF is to develop detailed documentation for a set of global warming mitigation projects that will advance the interests of the public and private interest groups involved and the interests of Cameroon's population.
Cape Verde	UNDP	Biodiversity	10/1999		Conservation of Biodiversity Through Integrated Participatory Community Management in Cape Verde	
Chad	UNDP	Biodiversity	04/1998	\$0.26	Participatory Conservation in the Manda National Park, Moyen Chari Region in Southeastern Chad	The Moyen Chari region in Southeastern Chad constitutes one of the few remaining undisturbed ecological zones of Sudanese savannah. This project will devise conservation measures for the Manda National Park, the Aouk Reserve, and the Nyala reserve.
Chile	UNDP	Climate Change	04/1999	\$0.80	Removing Barriers to Rural Electrification with Renewable Energy	The project will remove barriers to rural electrification with renewable energy. It aims to make renewable energy technologies viable and practical options for companies that bid for concessions under the government's technology-neutral rural electrification.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
China	ADB	Biodiversity	09/1999		Songhua River Flood and Wetland Management Project	The project objectives are 1. Enhancement flood mitigation role of the wetland 2. Conservation of the globally unique environment and biodiversity of Sanjiang plain.
China	ADB	Biodiversity	10/1999		Yunnan Comprehensive Agricultural Development and Biodiversity Conservation Project	
China	ADB	Climate Change	09/1999		Wind Power Development	The concept provides an initial outline of additional activities needed promote wind market development in three Chinese Provinces.
China	UNDP	Biodiversity	09/1991	\$1.68	Preservation of Biodiversity in China	Two-part pre-investment feasibility study to protect China's biological diversity. The first part consisted of preparing an overall strategy and BAP; the second consisted of preparation of an investment programme for high priority forestry reserves.
China	World Bank	Biodiversity	06/1999	\$0.35	Natural Forest Biodiversity Protection	This PDF is targeted at three provinces Sichuan, Hainan, and Hunan. These areas are included in the 200 Globally Important ecoregions and contain globally significant

II. PROJECTS IN THE GEF PIPELINE

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
						biodiversity.
China	World Bank	Climate Change	10/1999	\$25.00	Second Beijing Environment Project	The objectives of the proposed project are to: (a) improve the quality of life for the citizens of Beijing by alleviating the city's acute air and water pollution problems; and (b) significantly reduce China's GHG emissions.
Colombia	UNDP	Biodiversity	10/1999	\$0.339	Biodiversity Conservation in the Macarena Management Reserve	The project will promote the conservation of biodiversity by strengthening management of the Macarena Reserve, effective protection of critical zones and enforcement of sustainable land-use practices in surrounding areas.
Colombia	UNDP	Climate Change	10/1999	\$0.290	Industrial Co-generation in the Colombian Sugar Sector: Introducing and applying an ESCO Approach	The project will identify viable options to remove financial, institutional, technical, social, legislative and human resource barriers to co-generation in the Colombian sugar sector.
Colombia	World Bank	Biodiversity	10/1998	\$0.35	Conservation and Sustainable Use of Biodiversity in the Andes Region	Project supports implementation of the National Biodiversity Plan and assists in application of key strategies (conservation,

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
						sustainable and equitable use and improved knowledge of biological resources) in the region.
Colombia	World Bank	Biodiversity	8/1998	\$0.35	Conservation of Biodiversity in the Sierra Nevada de Santa Marta	The project supports conservation of biological diversity of the Sierra Nevada de Santa Marta within the framework of the Sustainable Development Plan for the Sierra Nevada based on a bioregional conservation approach.
Congo, Democratic Republic of	UNDP	Biodiversity	12/1994	\$0.25	Emergency response to the refugee driven biodiversity crisis in Zaire	On November 10, 1995, in response to an appeal from the government of Zaire transmitted to UNDP through the President of the Zaire Nature Conservation Institute (IZCN), the Chief Executive Officer and Chairman of the Global Environment Facility (GEF).
Costa Rica	UNDP	Climate Change	11/1998	\$0.17	National Off-grid Electrification Programme Based on Renewable Energy Sources	The PDF will identify, evaluate and design meaningful avenues to reduce/remove financial, institutional, technical and human resources barriers related to renewable energy based off-grid rural electrification.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Costa Rica	World Bank	Biodiversity	04/1999	\$0.33	Ecomarkets	The project will develop a planning and institutional framework that would innovatively seek eco-friendly markets that make use economic incentives.
Croatia	UNDP	Climate Change	12/1997	\$0.20	Removing Barriers to Implementation of Energy Efficiency Measures	The project will remove barriers to the implementation of "climate-friendly", yet commercially justifiable energy efficiency measures in the industrial and residential sector, together with the eventual integration of solar thermal technologies.
Croatia	World Bank	Biodiversity	09/1999	\$0.23	Karst Ecosystems Conservation Project	The proposal is focused on in-situ conservation in 4 national parks including one World Heritage site, linking conservation with human needs through participatory practices and involvement of the local people.
Croatia	World Bank	Climate Change	10/1999		Energy Efficiency Project	Project objectives are to: (i) promote energy efficiency nationwide; (ii) establish a utility-based energy service company (ESCO); (iii) develop knowledge necessary for to fund EE projects.
Croatia	World Bank	Climate Change	10/1999		Renewable Energy Resources Project	The proposed project will: (i) promote RER projects nationwide; (ii) establish a utility-

II. PROJECTS IN THE GEF PIPELINE

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
						based ESCO; (iii) develop knowledge and mechanisms necessary for financiers .
Cuba	UNDP	Climate Change	12/1995	\$0.35	Development of Electric Energy from Sugarcane biomass for Displacing Fossil Fuel Consumption	The long term project objectives are to i) increase the electric and thermal energy by sustainably-produced biomass streams arising from the production and processing of sugarcane.
Djibouti	UNDP	Climate Change	07/1999	\$0.30	Assal Geothermal Power Plant	The PDF would finance preparatory work for a large scale geothermal investment which has a good replication potential in other African countries.
Ecuador	UNDP	Biodiversity	12/1998	\$0.35	Integrated Programme for the Control of Introduced Species in the Galapagos Archipelago	A full-scale project is expected to establish the integrated programme for the control of introduced species as a comprehensive operational framework for investment and technical assistance aimed at preventing and controlling new introductions.
Ecuador	UNDP	Climate Change	08/1997	\$0.28	Removal of Barriers to the Renewable Energy in Ecuador, Renewable Electrification of the Galapagos	The project will identify and remove the barriers to the expanded use of renewable energy in the rural areas using the Galapagos Islands as a pilot area. The project will develop a pilot to demonstrate the use of

II. PROJECTS IN THE GEF PIPELINE

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
						renewable energy to replace diesel generation.
Ecuador	World Bank	Biodiversity	10/1999	\$0.35	National Protected Areas system	The proposed project will modernize the National System of Protected Areas. This would be achieved through initiating a set of activities on a pilot basis, which would respond to government priorities.
Egypt	UNDP	Biodiversity	09/1998	\$0.17	The Conservation and Sustainable Use of Medicinal Plants in Arid and Semi-Arid Ecosystems in Egypt	The project's strategy is to protect medicinal plant diversity in three national priority areas focusing on habitats and species presenting global significance and facilitating information exchange and to incorporate the conservation of medicinal plants.
Egypt	UNDP	Climate Change	09/1998	\$0.32	Integrated System for Zero or Reduced Emissions Fuel Cell Bus Operation in Cairo	The overall objective of the project is to contribute to the long-term reduction of the cost of an integrated and optimized fuel cell based system. The project will enable the technology to reach commercially viable levels in a much shorter period of time.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Egypt	World Bank	Climate Change	05/1998	\$0.30	Solar Thermal Power with Private Sector Participation	The project aims to increase the use of renewable energy sources in Egypt and to enhance the level of commercialization and financial performance in the Egyptian power sector using private participation.
Eritrea	UNDP	Climate Change	11/1996	\$0.32	Wind Energy Applications in Coastal Regions of Eritrea	The PDF will assess the technical, economic and environmental feasibility of promising wind energy technologies; conduct detailed review of barriers to the widespread adoption of wind energy and design a program to overcome them.
Georgia	UNDP	Climate Change	07/1998	\$0.21	Removing Barriers to Energy Efficiency in Municipal Heat and Hot Water Supply	The project will improve the energy efficiency of the municipal heat and hot water supply thereby decreasing the consumption of fossil fuels and lowering the greenhouse gas emissions.
Ghana	World Bank	Biodiversity	02/1999	\$0.33	Arid and Semi-Arid Zone Ecosystems with Components of Desertification and Carbon Sequestration	The project will identify pilot sites in Ghana in the arid and semi-arid ecosystems and propose management plans involving actions to combat desertification and potentials for carbon sequestration.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Guinea	UNDP	Biodiversity	10/1999		Conservation of Biodiversity Through Integrated Participatory Community Management in the Nimba Mountains	
Guinea	World Bank	Climate Change	09/1999		Decentralized Electrification Project (Rural Energy)	The concept provides the basis for the further development of the comprehensive decentralized renewable energy program which would promote the capitalization of commercial entities entering the rural power business and limit to role of the government.
Haiti	World Bank	Biodiversity	10/1999	\$0.35	Sustaining Conservation and Protected Areas Management	The proposed project would consist of three components: (i) establishment of Conservation Foundation of Haiti (CFH); (ii) strengthening of management of national parks and (iii) monitoring and evaluation activities.
Hungary	World Bank	Climate Change	09/1999	\$2.5	Renewable Energy and Regional Development Project (Szombathely CHP/Biomass Project)	The main purpose of this project is to demonstrate the technical feasibility of wood-firing for district heating (7.5 MW) coupled with baseload cogeneration using gas motors (20 MW electric and 24 MW thermal).

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
India	UNDP	Biodiversity	04/1998	\$0.33	Conservation and Sustainable Management of Dryland Biodiversity in Gujarat	A full project proposal will be developed for coastal management and conservation and sustainable utilization of coral resources and economic activities in the region's coastal communities in Northern Gujarat
India	UNDP	Biodiversity	05/1995	\$0.35	Management of Coral Reef Ecosystem of Andean and Nicobar Islands	This project will develop a full proposal for coastal conservation, management and sustainable use of coral resources and sustainable economic activities of the coastal communities in the region.
India	UNDP	Climate Change	02/1996	\$0.20	Carbon Emission Reduction Through Biomass Energy for Rural India (SuTRA) (Biomass Energy for Rural India)	The project will facilitate a low CO2 path for development through establishing and demonstrating the commercial viability of a bioenergy package for widespread adoption at the village level.
India	UNDP	Climate Change	05/1998	\$0.30	Fuel Cell Buses	The long term objective of the project is to accelerate the commercialization of fuel cell buses that can use hydrogen (or hydrogen carriers) produced from renewable resources.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Indonesia	UNDP	Biodiversity	04/1998	\$0.12	Strengthening Management of Kutai and Lore Lindu National Parks	This project will develop capacity and plans for conservation of Kutai National Park in East Kalimantan and the Lore Lindu National Park in Central Sulawesi which are important storehouses of biodiversity.
Indonesia	World Bank/IFC	Biodiversity	10/1999		Komodo National Park Collaborative Management Initiative	The project will develop management frameworks to provide long-term financing for conservation through private and public sector activity and developing sustainable livelihood alternatives to local communities.
Indonesia	World Bank	Biodiversity	10/1999		West Java and Jakarta Environmental Management Project	The project will reduce methane gas emissions from municipal solid waste.
Iran	UNDP	Biodiversity	12/1998	\$0.35	Conservation of Iranian Wetlands	The project will develop biodiversity conservation management plans and sustainable management for two or three major wetlands areas using the incremental cost approach.
Iran	World Bank	Climate Change	08/1998	\$0.35	Renewable Energy Project	The objective of the project is to accelerate the sustainable development of selected renewable energy technology applications through investment and provision of technical assistance. The project will remove the

II. PROJECTS IN THE GEF PIPELINE

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
						institutional, policy, financial, and technical barriers.
Jamaica	IADB	Biodiversity	09/1999		Coastal Zone Management in Portland Bight	The project objective is to protect the coastal biodiversity of the Portland Bight area by building on key aspects of the Portland bight Protected Area Management Plan.
Jamaica	World Bank	Biodiversity	04/1999	\$0.18	Cockpit Country Conservation	The project will develop management plans and sustainable use approaches in the Cockpit country area of Jamaica.
Kazakhstan	UNDP	Biodiversity	07/1998	\$0.14	Integrated conservation of Priority Globally Significant Migratory Bird Wetland Habitat	The project will develop globally significant bird wetland habitat in Kazakhstan using participatory, multiple use management approaches for existing protected sites.
Kazakhstan	UNDP	Climate Change	03/1999	\$0.24	Capacity Building to Reduce Key Barriers to Energy Efficiency in Heat and Hot Water Supply	The project is envisioned to remove all the main barriers to the implementation of selected energy efficiency measures. The project will undertake an overall assessment of heat and hot water supply and demand in the sector.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Kazakhstan	UNDP	Climate Change	11/1996	\$0.35	Removing Barriers to Wind Power Production in Kazakhstan	The project aims to remove barriers to commercial scale, grid-connected wind power production thereby reducing the need for new fossil fuel based power plants and the associated greenhouse gas emissions.
Lebanon	World Bank	Climate Change	04/1999	\$0.34	Improved Landfill Gas Management	The project would provide additional support to an ongoing solid waste management program and will reduce greenhouse gas emissions by landfill gas capture and use.
Madagascar	UNDP	Biodiversity	12/1994	\$0.50	Priority setting and strategic identification and design of interventions for biodiversity conservation	The project will use a participatory process for determining scientific and conservation priorities, leading to the design of a GEF initiative in Madagascar.
Mali	UNDP	Climate Change			Removal of Barriers to Widespread adoption of Renewable Energy Technologies in Mali	
Mali	World Bank	Biodiversity	09/1999		Community-based Natural Resources and Biodiversity Conservation in the Interior Delta of Niger, Mopti Region	The proposed project is aimed at promoting the conservation and sustainable use of biological resources of global significance in the Sahel region of Mali, specifically in the Interior Delta of the Niger (Mopti).

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Mali, Burkina Faso	World Bank	Biodiversity	07/1998	\$0.35	Transboundary Arid Rangeland and Biodiversity Project	
Mexico	UNDP	Biodiversity	10/1999		Conservation of Biological Diversity and Sustainable Development in Three Priority Regions in Mexico	
Mexico	UNDP	Climate Change	04/1999	\$0.34	Project to Demonstrate Fuel Cell Buses and an Associated Fuel Supply System in Mexico City	The project will promote the application of hydrogen fuel-cell bus technology; to facilitate its commercialization by means of viable demonstrations; and to assist in the reduction of manufacturing, production, and operational costs.
Mexico	World Bank	Biodiversity	04/1999	\$0.34	Mexico Mesoamerican Biological Corridor	This project will form part of an ongoing management plan and strategic planning for the Mesoamerican Biological corridor, focusing on sites in Mexico.
Mexico	World Bank	Biodiversity	06/1999	\$0.35	Indigenous and Community Conservation of Biodiversity (Oaxaca, Michoacan, Guerrero)	This project will develop management plans and sustainable use approaches in Oaxaca, Michoacan, and Guerrero sites in Mexico.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Mexico	World Bank	Biodiversity	10/1999		Consolidation of the Protected Areas Program	The GOM wishes to rationalization the protected area system, including the establishment of an endowment fund (FANP) for 10 globally significant reserves. The ministry (SEMARNAP) will consolidate the system and implement a variety of measures to ensure its long-term sustainability.
Mexico	World Bank	Climate Change	04/1999	\$0.30	Second Air Quality Project	The project will improve the air quality in the Mexico City Metropolitan Area in accordance with key measures included in the long-term PROAIRE program. The project will assist in the transition to low emission fossil fuels.
Mexico	World Bank	Climate Change	05/1999	\$0.35	Integrated Solar Combined Cycle System Project (Hybrid Solar Thermal Power Plant)	The project will increase the contribution of renewable energy sources in Mexico's future energy mix; enhance participation of the private sector in Mexico's power development plan and position Mexico as world leader.
Mexico	World Bank	Climate Change	12/1998	\$0.30	Methane Gas Capture and Use at a Landfill Demonstration Project	The project will provide additional support to an existing project on solid waste management to enable the internalization of the global dimension of landfill gas capture

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Moldova	EBRD	International Waters	09/1999		Upgrading of Chisinau Waste Water Treatment Plant	The mechanical and biological waste water treatment plant in Chisinau is located on the Dniester River. It is in operation since 1972 and has been extended/rehabilitated several times up to 1990.
Morocco	UNDP	Biodiversity	08/1998	\$0.12	Integrated Pastoral Range Management in Biodiversity Conservation and Sustainable Development in the Atlas Mountains (Transhumance for Biodiversity Conservation in the Southern High Atlas)	A biodiversity conservation and sustainable use management plan will be developed for the Atlas Mountains using integrated pastoral range management approaches.
Nepal	World Bank	Biodiversity	05/1998	\$0.345	Forest Biodiversity	This project will identify pilot sites for forest biodiversity protection, including sustainable use options.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Niger	World Bank	Biodiversity	10/1999		Natural Resource Management in Air Tenere Reserve	The overall project objective is to conserve the Saharan ecosystem and landscape of northern Niger with full integration in local and decentralized development and with respect to indigenous traditions and cultures.
Pakistan	UNDP	Biodiversity	02/1992	\$2.50	Maintaining Biological Diversity with Rural Community Development	The proposed five year full project is to assist and enable rural communities in the mountain ecosystem of northern Pakistan in conserving the globally significant biodiversity of the region.
Pakistan	UNDP	Biodiversity	10/1999		Protection and Management of Pakistan Wetlands	
Pakistan	UNDP	Climate Change	10/1997	\$0.35	Commercialization of Wind Power Production in Pakistan	The overall project objective is to facilitate a low CO2 path for development through establishing and demonstrating commercial viability of a package for widespread harnessing wind energy in remote areas.
Papua New Guinea	UNDP	Biodiversity	10/1999		Community based Coastal and Marine Conservation in the Milne Bay Province	

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Papua New Guinea	UNDP	Biodiversity	12/1998	\$0.33	Establishment and Management of a Biosphere Reserve in the Ramu River Catchment	The project will develop conservation plans and sustainable use approaches in the Ramu River Catchment in Papua New Guinea.
Paraguay	UNDP	Climate Change			Decentralized Rural Electrification Based on Renewable Energy	
Philippines	UNDP	Biodiversity	12/1997	\$0.35	Samar Island Biodiversity (Samar Island Biodiversity Project: Conservation and Sustainable Use of the Biodiversity of a Forested Protected Area)	The project will develop a management plan and sustainable use options for Samar Island and propose establishment of protected area conservation plans and community based subprojects.
Philippines	UNDP	Climate Change	09/1999		Capacity Building to Remove Barriers to Renewable Energy	The PDF will be utilized to prepare a full fledged project to address capacity barriers to RE use in the Philippines.
Philippines	World Bank	Climate Change	10/1999		Metro Manila Urban Transport Integration Project: Bicycle Network Demonstration Pilot	Global objective of this pilot project is to promote expanded use of non-motorized transport as an alternative to fossil-fuel burning transport. The project will provide facilities for safe and viable bicycle transport in the city of Marakina, Metro Manila.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Poland	UNDP	Climate Change	06/1999	\$0.20	Polish Energy Efficiency Motors Programme	The project will remove barriers to the improvement of energy efficiency of the electric motors and their operating systems. It will clarify the technical, economic, environmental, financial and institutional aspects of the project.
Poland	World Bank	Climate Change	10/1999		Krakov Energy Efficiency Project	Objectives are to: (i) facilitate local banks in financing the ESCOs by reducing credit risks and (ii) facilitate the implementation of measures having longer payback periods.
Romania	World Bank	Climate Change	10/1999		Energy Efficiency Project	The objective is to increase energy efficiency investment through development of market-based mechanisms.
Romania	World Bank	International Waters	10/1999		Black Sea Agricultural Pollution Control Project	Project would assist the Government of Romania (GoR) in its efforts to promote the adoption of environmentally-friendly agricultural practices by farmers and to restore part of the former floodplain areas along the lower Danube River.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Russian Federation	EBRD	Climate Change	09/1999		Mutnovsky Geothermal Power Plant	The proposed intervention would facilitate the consideration & use of geothermal energy sources in Russia and other EBRD client countries as an alternative to fossil fuel based applications. It would help to demonstrate commercial viability of private investment.
Russian Federation	UNDP	Biodiversity	03/1999	\$0.28	Conservation and Management of Wild Salmonid Diversity in Kamchatka	The project will focus on three river systems from which no more than four watersheds would be selected along Kamchatka's sparsely populated western coast to capture the full range of Kamchatka's salmon, steelhead, trout, and char diversity.
Russian Federation	UNDP	Biodiversity	03/1999	\$0.26	Demonstrating Sustainable Conservation of Biological Diversity in Four Protected Areas on Russia's Kamchatka's Peninsula	The project will develop management plans and sustainable use approaches in four protected areas on Russia's Kamchatka Peninsula.
Russian Federation	UNDP	Climate Change	12/1997	\$0.20	Reduction of Coalbed Methane Emissions in the Kuznetsk Coal Basin	The project will reduce coalbed methane emissions in the Kuznetsk coal basin. The project will provide technical assistance component to build the capacity of the local stakeholders to develop and implement projects of this type.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Russian Federation	UNEP	Biodiversity	10/1999		An Integrated Ecosystem Approach to Enhance Biodiversity Conservation and Minimize Habitat Fragmentation in the Russian Arctic	
Russian Federation	UNEP	International Waters	07/1999	\$0.31	Support to the National Plan of Action for the Protection of the Arctic Marine Environment from Anthropogenic Pollution	The project will focus on pre-investment studies of identified priority hot spots with known significant transboundary consequences. Additional activities will include the necessary support in the development of legal, institutional and economic measures.
Senegal	UNDP	Biodiversity	06/1999	\$0.35	Community based Conservation Management	This project will formulate an integrated community based biodiversity conservation program in pilot sites in Senegal with the involvement and ownership of concerned actors, particularly local communities adjacent to the identified protected areas.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Slovak Republic	World Bank	Climate Change	10/1999		Geothermal Energy for Kosice District Heating	The objective is to decrease CO2 emissions through the replacement of fossil fuel combustion by geothermal energy. The TEKO Company will reduce dependence on fossil fuels from foreign countries and to ensure a reliable long-term heat supply at a predictable cost.
Slovenia	World Bank	Climate Change	10/1999		Carbon Based Loan Expansion Program	The objective is to demonstrate an effective air emission intervention program that systematically addresses both local and global environmental benefits using novel financing mechanisms.
Solomon Islands	ADB	Biodiversity	09/1999	\$0.15	Fisheries Management and Marine Biodiversity Conservation Project	The overall objective of the project is to promote the conservation and sustainable use of Solomon Islands fisheries and related coastal ecosystems, particularly the country's globally significant coral reefs.
South Africa	World Bank	Biodiversity	12/1998	\$0.35	Drakensburg-Maloti Transfrontier Conservation and Development Area Project	This project will develop management plans and sustainable use options for the transfrontier conservation sites in the Drakensburg-Maloti area.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Sri Lanka	ADB/World Bank	Biodiversity	09/1999	\$0.33	Protected Area Management and Wildlife Conservation	The PDF-B resources are requested to assist the Government of Sri Lanka to prepare a proposal to conserve the nation's resources and preserve its wildlife, by addressing institutional and legal deficiencies in protected area management.
Swaziland	World Bank	Biodiversity	09/1999		Biodiversity Conservation and Participatory Development Project	The project will develop a programmatic and holistic approach in full partnership with other key stakeholders to meet the goals and objectives of the Swaziland Biodiversity Conservation Strategy and Action Plan (BSAP).
Syria	UNDP	Biodiversity	10/1999		Biodiversity Conservation and Protected Area Management	
Thailand	UNDP	Biodiversity	01/1992	\$0.69	Forest Area Protection, Management and Development project	The Pre-Investment project's broad objective was to develop a project, which included the preparation of any implementable Conservation Forest Action Plans for 14 forest areas in Thailand.
Thailand	UNDP	Climate Change	07/1999		Removal of Barriers to Biomass Co-generation from Wood Residues (Removal of Barriers to Biomass Power Generation and Co-	The project will reduce the greenhouse gas emissions by removing the major barriers to the development of biomass cogeneration to replace current fossil fuel use in Thailand.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
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Thailand	World Bank	Climate Change	10/1999		Bangkok Air Quality Management Project	
Thailand	World Bank	Climate Change	10/1999		Energy Service Company (ESCO) Development Project	
Trinidad and Tobago	World Bank	Biodiversity	09/1999		Protected Areas and Wildlife Management Project	The proposed project will improve the management of Trinidad and Tobago's protected areas and wildlife resources through the introduction of better legal frameworks and institutional strengthening.
Tunisia	World Bank	Biodiversity	04/1999	\$0.25	Conservation of Biodiversity and Protected Areas Management	This project will develop management plans and sustainable use options for pilot sites in Tunisia's protected areas system.
Tunisia	World Bank	Biodiversity	07/1999	\$0.35	Gulf of Gabes Marine and Coastal Resources Protection	This project will develop sustainable use and management plans for the Gulf of Gabes marine and coastal regions in Tunisia.

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Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Uganda	UNDP	Biodiversity			Conservation of Biodiversity in the Albertine Valley Forests	
Uganda	World Bank	Climate Change	09/1999		Energy for Rural Transformation	the PDF is requested to enable the preparation of one of the initial elements of the WB RE partnership.
Ukraine	UNDP	Climate Change	03/1999	\$0.21	Removing Barriers to Greenhouse Gas Emissions Mitigation through Energy Efficiency in the District Heating System	The project will remove barriers to economically feasible energy efficiency measures in heating and hot water supply in the residential and public buildings, and to leverage financial resources to facilitate the actual implementation.
Uruguay	World Bank	Climate Change	10/1999		Energy Efficiency Project	
Uruguay	World Bank	International Waters	10/1999		Maritime Management Project	The project activities will (i) improve water quality/ecosystem health of the Southeast South American Shelf Large Marine Ecosystem (LME) shared with Argentina and Brazil, and (ii) promote conservation and sustainable use of biodiversity in maritime and near-in coastal areas of Uruguay.

II. PROJECTS IN THE GEF PIPELINE

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
Uzbekistan	UNDP	Climate Change	06/1998	\$0.21	Removing Barriers to Energy Efficiency in Municipal Heat and Hot Water Supply	The overall objective of the project is to remove barriers to energy efficiency of municipal heat and hot water supply thereby lowering the overall fossil fuel consumption and the associated greenhouse gas emissions.
Venezuela	UNDP	Biodiversity	08/1999	\$0.288	Protection and Sustainable use of Biological Diversity in the Orinoco Delta Wetlands (Conservation of the Biological Diversity of the Orinoco Delta Biosphere Reserve and Lower Orinoco River Basin)	Delta is threatened by hunting, fishing, and forest harvesting activities, and is at risk from agricultural, and development. The project would mitigate such threats by installing new conservation operations in the Orinoco Delta Biosphere Reserve.
Vietnam	World Bank/IFC	Climate Change	11/1997	\$0.30	Geothermal Power Plant	The project will provide a source of emission-free, efficient, and sustainable electrical power to the Central regions of Vietnam.
Yemen	UNDP	Climate Change	09/1993	\$0.79	Liquid Petroleum Gas (LPG) Substitution Programme	This PRIF study proposes to develop a master plan for increasing the use of LPG, particularly in rural areas where firewood is used for cooking, but also in other potential

II. PROJECTS IN THE GEF PIPELINE

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description
						substitution programme.

III. PROJECT CONCEPTS RECENTLY ADDED TO THE PIPELINE

NOTE: Project concept documents are available by clicking on the following links:

UNDP

Regional (Benin, Guinea, Mali, Niger, Nigeria):	Reversing Land and Water Degradation Trends in the Niger Basin
Regional (Cameroon, Congo & Gabon):	Conservation of Transboundary Biodiversity in the Minkebe-Odzala-Dja Interzone in Gabon, Congo and Cameroon
Regional:	Development and Implementation of a Strategic Action Program (SAP) for the Guinea Current Large Marine Ecosystem
Regional (Estonia, Latvia, Lithuania):	Baltic Wind Power Programme
Regional (Georgia, Romania, Russian Federation, Turkey, Ukraine):	Nutrient Reduction Programme - Regional Project for the Black Sea
Regional (Indonesia, Malaysia, Philippines):	Conservation of the Ecological Balance of the Sulu-Sulawesi Marine Ecosystems
Bhutan:	Removing Barriers to Mini and Micro Hydropower Development for Decentralized Rural Electrification (DRE)
Cape Verde:	Conservation of Biodiversity Through Integrated Participatory Community Management
Colombia:	Biodiversity Conservation in the Macarena Management Reserve
Colombia:	Industrial Co-generation in the Colombian Sugar Sector: Introducing and applying an ESCO Approach
Djibouti:	Assal Geothermal Power Project
Guinea:	Conservation of Biodiversity Through Integrated Participatory Management in the Nimba Mountains
Mali:	Removal of Barrier to Widespread Adoption of Renewable Energy Technologies
Mexico:	Conservation of Biological Diversity and Sustainable Development in Three Priority Regions
Pakistan:	Protection and Management of Pakistan Wetlands
Papua New Guinea:	Community-based Coastal and Marine Conservation in Milne Bay Province
Paraguay:	Decentralized Rural Electrification Based on Renewable Energy
Philippines:	Capacity Building to Remove Barriers to Renewable

Energy

Poland:	Energy Efficiency Motors Programme
Senegal:	Community Based Biodiversity Conservation
Syria:	Biodiversity Conservation and Protected Area Management
Uganda:	Conservation of Biodiversity in the Albertine Valley Forests
Venezuela:	Protection and Sustainable Use of Biological Diversity in the Orinoco Delta Wetlands

UNEP

Global:	Persistent Toxic Substances – Country Case Studies
Global:	Solar and Wind Resource Assessment Facility
Regional (Antigua and Barbuda, The Bahamas, Barbados, Cuba, Dominica, Dominican Republic, Grenada, Haiti, Jamaica, St. Lucia, St. Kitts and Nevis, St. Vincent and Grenadines, Trinidad and Tobago):	Integrating Management of Watersheds and Coastal Areas in Small Island Developing States in the Caribbean
Regional (China, Iran, Kazakhstan, Russian Federation):	Conservation of the Globally Significant Wetlands and Migration Corridors Required by Siberian Cranes and Other Globally Significant Migratory Waterbirds in Asia
Regional (Mexico, Guatemala, Honduras, Nicaragua, El Salvador, Costa Rica, Belize, Panama):	Comprehensive Action Programme to Phase Out DDT and Reduce the Long-term Effects of Exposure in Mexico and Central America
Regional (Mozambique, Zambia, Zimbabwe):	Strategy for the Conservation of Dryland Biodiversity through Rehabilitation in the Arid and Semi Arid Regions
Russian Federation:	An Integrated Ecosystem Approach to Enhance Biodiversity Conservation and Minimize Habitat Fragmentation in the Russian Arctic
Russia Federation:	Support the National Plan of Action in the Russian Federation for the Protection of the Arctic Marine Environment from Anthropogenic Pollution

WORLD BANK

Regional (Burundi, Congo DR, Egypt, Eritrea, Ethiopia, Kenya, Rwanda, Sudan, Tanzania, Uganda):	Nile Basin Initiative - Basin-wide Shared Vision Program
Argentina:	Antarctic Waters Waste Management Project

Armenia:	Environment Project
Bulgaria:	Wetland Restoration Project
Brazil:	Integrated Management of Freshwater Biodiversity and Water Resources in the Amazon
China:	Natural Forest Biodiversity Protection
Colombia:	Conservation and Sustainable Use of Biodiversity in the Andes Region
Croatia:	Energy Efficiency Project
Croatia:	Karst Ecosystems Conservation Project
Croatia:	Renewable Energy Resources Project
Ecuador:	National Protected Areas System
Guinea:	Decentralized Electrification Project
Haiti:	Sustaining Conservation and Protected Areas Management
Hungary:	Renewable Energy and Regional Development Project
Indonesia:	Komodo National Park Collaborative Management Initiative
Indonesia:	West Java and Jakarta Environmental Management Project
Mali:	Community-based Natural Resources and Biodiversity Conservation in the Interior Delta of Niger, Mopti Region
Mexico:	Consolidation of the Protected Areas Program
Mexico:	Indigenous and Community Conservation of Biodiversity
Morocco:	Transhumance for Biodiversity Conservation in the Southern High Atlas
Niger:	Natural Resources Management in air Tenere Reserve
Philippines:	Metro Manila Urban Transport Integration Project: Bicycle Network Demonstration Pilot
Poland:	Krakow Energy Efficiency Project
Romania:	Black Sea Agricultural Pollution Control Project
Senegal:	River Basin Management
Slovak Republic:	Geothermal Energy for Kosice District Heating
Slovenia:	Carbon-based Loan Expansion Program
Swaziland:	Biodiversity Conservation and Participatory

	Development Project
Romania:	Energy Efficiency Project
Thailand:	Bangkok Air Quality Management Project
Thailand:	Energy Service Company (ESCO) Development Project
Trinidad and Tobago:	Protected Areas and Wildlife Management Project
Tunisia:	Gulf of Gabes Marine and Coastal Resources Protection
Uganda:	Energy and Rural Transformation
Uruguay:	Energy Efficiency Project
Uruguay:	Maritime Management Project

ADB

China	Songhua River Flood and Wetland Management Project
China:	Wind Power Development
China:	Yunnan Comprehensive Agricultural Development and Biodiversity Conservation Project
Solomon Islands:	Fisheries Management and Marine Biodiversity Conservation Project
Sri Lanka:	Protected Area Management and Wildlife Conservation

EBRD

Regional (Bosnia, Herzegovina, Bulgaria, Hungary, Romania, Slovenia):	Danube Pollution Reduction Programme
Azerbaijan Republic:	Efficient Use of Natural Resources
Moldova:	Upgrading of Chisinau Waste Water Treatment Plant
Russian Federation:	Mutnovsky Geothermal Power Plant

IADB

Regional (Belize, Guatemala, Honduras):	Gulf of Honduras Maritime Transport Pollution Control Project
Jamaica:	Coastal Zone Management in Portland Bight

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description	Comments
Regional	UNDP	Biodiversity	11/1995	\$0.06	Germ Plasm for Arid Lands	The project will focus on the identification and conservation of endemic species of arid and semi-arid lands which are under threat with extinction.	Clarification on investment follow-up pending
Regional	UNDP	Climate Change	09/1993	\$0.30	Greenhouse Gas Assessment and Least Cost Global Warming Mitigation Strategies for LAC	This project is considered a "first phase" in a multi-phase process. The two {-and-one-half} year Project will involve OLADE and selected member countries in the Region of Latin America and the Caribbean (LAC).	More than 3 years old.
Regional	UNDP	International Waters	06/1996	\$0.35	Integrated Management of the Okavango River Basin	The project will develop a strategic action programme to support the riparian countries of the Okavango River basin in their efforts to assure sustainable development of the basin's land and water resources.	More than 3 years old.
Regional	UNDP	Multiple Focal Areas	08/1996	\$0.21	Integrating Global Environmental Dimensions into Public Policy Making in Latin America: A Multisectoral and Participatory Framework	The project's goals are 1) the adaptation of public policy frameworks 2) increased private sector investment in technologies and production systems.	More than 3 years old.

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description	Comments
Regional	UNEP	International Waters	03/1996	\$0.33	Elaboration of the Transboundary Diagnostic Analysis (TDA) and Strategic Action Plan (SAP) and Implementation of Priority Elements of the SAP for the Marine and Coastal Environment of the Western Indian Ocean	The overall objective of this project is to prepare a transboundary diagnostic analysis and the framework elements of a strategic action programme.	More than 3 years old.
Regional	UNEP	International Waters	12/1996	\$0.34	Formulation of a Transboundary Diagnostic Analysis and Preliminary Framework of a Strategic Action Programme for the South China Sea	The primary objective of the initiative is to undertake an extensive transboundary diagnostic analysis for the South China Sea and the watersheds.	More than 3 years old.
Argentina	World Bank/IFC	Climate Change	09/1997	\$0.36	CO2 Reinjection Pilot	The PDF C project will introduce relatively new enhanced oil recovery technology. This is based on the re-injection of CO2 into producing oil formations to increase ultimate recovery of oil from these fields.	More than 3 years old.
Brazil	UNDP	Biodiversity	01/1994	\$0.50	The Pantanal: Ecosystem Management of a Major Centre of Wetland Biodiversity	This preparation project will design a project proposal for future funding that will present an ecosystem approach to integrating biodiversity conservation in the Pantanal region.	More than 3 years old.

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description	Comments
Cameroon	UNDP	Climate Change	11/1993	\$0.40	Private sector/GEF co-financing of global warming mitigation in Cameroon through biomass conservation & restoration	The objective of this PRIF is to develop detailed documentation for a set of global warming mitigation projects that will advance the interests of the public and private interest groups involved and the interests of Cameroon's population.	Clarification on investment follow-up pending
China	UNDP	Biodiversity	09/1991	\$1.68	Preservation of Biodiversity in China	Two-part pre-investment feasibility study to protect China's biological diversity. The first part consisted of preparing an overall strategy and BAP; the second consisted of preparation of an investment programme for high priority forestry reserves.	Clarification on investment follow-up pending
Congo, Democratic Republic of (former Zaire)	UNDP	Biodiversity	12/1994	\$0.25	Emergency response to the refugee driven biodiversity crisis in Zaire	In response to an appeal from the government of Zaire transmitted to UNDP through the President of the Zaire Nature Conservation Institute (IZCN) to the Chief Executive Officer and Chairman of the GEF.	Clarification on investment follow-up pending
Cuba	UNDP	Climate Change	12/1995	\$0.35	Development of Electric Energy from Sugarcane biomass for Displacing Fossil Fuel Consumption	The long term project objectives are to i) increase the electric and thermal energy by sustainably-produced biomass streams from sugarcane by reducing the use of oil.	More than 3 years old.

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description	Comments
Eritrea	UNDP	Climate Change	11/1996	\$0.32	Wind Energy Applications in Coastal Regions of Eritrea	The PDF will assess the technical, economic and environmental feasibility of promising wind energy technologies; conduct detailed review of barriers to the widespread adoption of wind energy and design a program to overcome them.	More than 3 years old.
India	UNDP	Biodiversity	05/1995	\$0.35	Management of Coral Reef Ecosystem of Andaman and Nicobar Islands	This project will develop a full proposal for coastal conservation, management and sustainable use of coral resources and sustainable economic activities of the coastal communities in the region.	More than 3 years old.
India	UNDP	Climate Change	02/1996	\$0.20	Carbon Emission Reduction Through Biomass Energy for Rural India (SuTRA)	The project will facilitate a low CO2 path for development through establishing and demonstrating the commercial viability of abioenergy package for widespread adoption at the village level.	More than 3 years old.
Kazakhstan	UNDP	Climate Change	11/1996	\$0.35	Removing Barriers to Wind Power Production in Kazakhstan	The project aims to remove barriers to commercial scale, grid-connected wind power production thereby reducing the need for new fossil fuel based power plants and the associated greenhouse gas emissions.	More than 3 years old.
Madagascar	UNDP	Biodiversity	12/1994	\$0.50	Priority setting and strategic identification and design of interventions for biodiversity conservation	The project will use a participatory process for determining scientific and conservation priorities, leading to the design of a GEF initiative in Madagascar.	Clarification on investment follow-up pending

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	GEF Agency	Focal Area	Pipeline Entry	GEF Allocation	Project Name	Project Description	Comments
Nepal	World Bank	Biodiversity	09/1996	\$0.10	Forest Biodiversity	This project will identify pilot sites for forest biodiversity protection, including sustainable use options.	PDF-B approved in 8/96 closed and cancelled 10/98. Project delayed until consensus is reached on policy
Thailand	UNDP	Biodiversity	01/1992	\$0.69	Forest Area Protection, Management and Development project	The Pre-Investment project's broad objective was to develop a project which included the preparation of any implementable Conservation Forest Action Plans for 14 forest areas in Thailand.	Clarification on investment follow-up pending
Venezuela	UNDP	Climate Change	05/1993	\$1.00	Reduction of Methane Leaks in the Maracaibo Natural Gas Distribution Network	The objective of the project is to reduce the emission of methane through leaks from the Maracaibo's natural gas distribution network.	Clarification on investment follow-up pending
Yemen	UNDP	Climate Change	09/1993	\$0.79	Liquid Petroleum Gas (LPG) Substitution Programme	This PRIF study proposes to develop a master plan for increasing the use of LPG, particularly in rural areas where firewood is used for cooking, but also in other potential substitution programme.	More than 3 years old.

V. PROJECTS INCLUDED IN THE WORK PROGRAM FOR DECEMBER 1999

UNDP

Bangladesh	Coastal and Wetland Biodiversity Management at Cox's Bazaar and Hatakuki Hoar
Brazil	Hydrogen Fuel Cell Buses for Urban Transport
Brazil	Promoting Biodiversity Conservation and Sustainable Use in the Frontier Forests of Northwestern Mato Grosso
India	Biomass Energy for Rural India
Morocco	Transhumance for Biodiversity Conservation in the Southern High Atlas
Philippines	Samar Island Biodiversity Project: Conservation and Sustainable Use of the Biodiversity of a Forested Protected Area
Thailand	Removal of Barriers to Biomass Power Generation and Co-generation
Venezuela	Conservation of the Biological Diversity of the Orinoco Delta Biosphere Reserve and Lower Orinoco River Basin

UNEP

Global	Regionally-based Assessment of Persistent Toxic Substances
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World Bank

China	Second Beijing Environment Project
Colombia	Conservation of Biodiversity in the Sierra Nevada de Santa Marta
Costa Rica	Ecomarkets
Guinea	Rural Energy
Hungary	Szombathely CHP/Biomass Project
Mexico	Hybrid Solar Thermal Power Plant