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GEF PIPELINE 3

NOTE: For those reading the electronic version of this document from the web, please remember to click the appropriate hyperlinks to access the desired lists and concept documents

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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 cooperation agencies, and other organizations so that they can discuss the complementarity of their own efforts with the agency responsible; and
- (c) early notice to private organizations of possible opportunities for procurement of goods and services.

3. The current document is the third edition of the pipeline publication and includes all project concepts entered in to the GEF Pipeline following the January and April 2000 Project Review Meetings. Pipeline 3 includes, among others, all the concepts for full size projects that would be included in the second intersessional Work Program for the year 2000 scheduled for web posting on July 26, 2000. 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.

4. All the projects presented for Council 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 concepts are at a very early stage of development, there is no formal requirement at this stage for an endorsement unless there is an accompanying request for PDF resources (for which an endorsement is always required).

5. 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) Financing plan; and
- (d) Institutional coordination and support (including Implementing Agency core commitments, linkages, coordination, and collaboration issues).

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

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

8. Important project issues that emerged at pipeline entry, and which would 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

9. 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.

10. 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 have been 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;

- (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 discussed common standards for Work Program inclusion with 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

11. 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 such as project cofinancing, inclusion in of the project concept in National Environmental Action Plans (NEAPs), past related project activities, national agency project execution and membership on management boards.

12. In the *Argentina, Bolivia: Implementation of the Strategic Action Program of the Bermejo River Binational Basin* project the countries would provide one to one co-financing and would participate fully in the project's execution. In the *Korea: Conservation of Globally Significant Wetlands* project, Korea enacted many domestic regulations, including the Wetlands Preservation Act, the Natural Environment Conservation Act, and the Coastal Management Act. Further, the government set up a nationwide survey on the natural environment including observation of changes, environmental impact assessments, and designation of protected areas.

13. The *Mauritania: Sustainable Energy Management Program* would be supported by a number of national actions including; preparation of studies, programs to reduce wood fuel use, restriction of charcoal production, policy measures to mitigate greenhouse gas emissions, establishment of an inter-ministerial committee, and the development of a legal framework.

14. The *Peru: Protected Areas and Local Participation* project includes an offer of substantial cofinancing from local communities and the strengthening of policy and regulatory frameworks as significant evidence of country ownership. The *Senegal: Marine and Coastal Biodiversity Conservation* project was jointly developed under the auspices of the Ministry of Environment, the National Coastal Planning Network and IUCN; it is a collaborative effort involving national institutions, professional organizations and NGOs.

15. The *Zambia: Community Based Natural Resources Management and Biodiversity Conservation in the Lukanga Swamps Watershed Area* project is supported by extensive government commitment to the global environment including being a signatory to all global conventions. Further national action includes a National Conservation Strategy (NCS) prepared in 1985, Environmental Pollution and Protection Act 1990, an update to the NCS in 1992

complying to World Bank IDA guidelines. In 1998, Zambia recognized the role of traditional rulers and communities in the protection, sustainable management and use of forest resources.

16. The *Maldives: Conservation and Sustainable Use of Biodiversity Associated with Coral Reefs in the Maldives* project would be supported by the establishment of 15 protected marine areas within major tourist atolls. The Ministry of Planning Human Resources and Environment manages the areas under the Environment Protection and Preservation Act.

17. The *Cambodia: Integrated Resource Management in the Tonle SAP Region* project is specifically addressed in the NEAP. Cambodia has solicited donor support to conserve and protect natural resources and biodiversity, designated some areas as a Biosphere Reserve, and has dedicated staff to assist in project preparation. The *Philippines: Integrated Coastal Resources Management* project and the *China: Biodiversity Management in the Coastal Area of China's South Sea* project would be executed by the China Government State Oceanic Administration.

18. Country drivenness in the *Regional: Development of a Strategic Action Program for the Guinea Large Marine Ecosystem* project includes letters of endorsement from the six GEF Operational Focal Points and "letters of consent" provided by officials from 10 additional countries interested in follow up of the Pilot Phase project. Additionally, modest in-kind co-financing is expected from Governments.

REPLICATION

19. Several proposals will have major scope for replication and would include components to promote replication. Projects would include components that not only build on lessons learned in earlier projects and from other partners, but also develop explicit strategies that would facilitate information dissemination and project replication nationally and internationally. Explicit strategies for project replication would be developed during project preparation.

20. The *Cambodia: Integrated Resource Management in the Tonle Sap Region* the *Korea: Conservation of Globally Significant Wetlands* and the *Philippines: Integrated Coastal Resources Management Project* projects identify the experience gained from other GEF projects that they would build on. More importantly, the techniques and approaches developed while implementing these projects can be replicated in other areas with similar conditions. The *Argentina, Bolivia: Implementation of the Strategic Action Program of the Bermejo River Binational Basin* recommends that in future project design, a component encouraging replication throughout the Parana basin could be useful.

21. The *Malaysia: Conservation of Biological Diversity through Sustainable Forest Management Practices* project includes research activities that are relevant to GEFs' forest initiative and would support informed discussion for the forest operational program. It would have potential for replication in the larger forest ecosystem context, especially tropical forests, and to secure biodiversity conservation at the landscape level.

22. Explicit components would be included in project briefs identifying actions that can facilitate replication nationally and regionally. The *El Salvador: Natural Resource Management Through Conservation and Restoration of Environmental Services*, *Peru: Protected Areas and Local Participation project*, the *Senegal: Marine and Coastal Biodiversity Conservation* and the *Mauritania: Sustainable Energy Management Program* include activities that can be replicated into other regions.
23. Projects can sometimes facilitate replication by involving a diverse range of partners, as in the *Zambia: Community Based Natural Resources Management and Biodiversity Conservation in the Lukanga Swamps Watershed Area* project. The project is being supported by the Zambia Forestry Action Program, the FINNIDA Provincial Forestry Action Program, the World Bank/UNDP Environmental Support Program and a recent IFAD supported Woodlands Management Project.
24. Conservation problems of the Maldives are typical of small island states, so that approaches developed in *Maldives: Conservation and Sustainable Use of Biodiversity Associated with Coral Reefs in the Maldives* project would be replicable elsewhere. Based on the approach proposed in the *China: Biodiversity Management in the Coastal Area of China's South Sea* project, the selected sites would serve as models for institutionalizing biodiversity conservation into coastal zone management throughout south east China.
25. To encourage replication and information dissemination, a renewable energy information system would be developed during execution of the *Honduras: Renewable Energy Development Programme for Electricity Generation* full-sized project.
26. It is not evident how many GEF projects enhance replication in the broader context i.e. through scaling up and how lessons from the other initiatives are truly being replicated without additional GEF funds. Specifically, no mention is made of lessons learned or best practices resulting from the Pilot Phase that could be replicated throughout the region in the *Regional: Development of a Strategic Action Program for the Guinea Large Marine Ecosystem* and the *Chile: Water Resources and Biodiversity Management* project.
27. The *El Salvador: Electrification Based on Renewable Energy Resources*, and the *Georgia: Removing Barriers to the Development of Small Hydropower Sector for the Mitigation of GHG Emissions* projects would include proposals for improving the policy, legal and institutional frameworks, a renewable energy training programme with curricula and two national UNDP GEF workshops. Though an explicit plan for replication has not been discussed, these components can be used to replicate project experience elsewhere in the region.
28. GEF has other wildlife corridor projects in the Himalayan-Hindu Kush ecoregion, and hence learning and replication need to be built into the *Nepal: Linking Biodiversity Conservation in Protected Areas and Productive Landscapes in Nepal's Lowland Terai and Eastern Himalaya* project. Likewise learning and replication should be built into the *India: Demonstration Project for the Conservation and Sustainable Utilization of Medicinal Plant Biodiversity*.

SUSTAINABILITY

29. Project proposals, by the time that they are submitted for Council approval, would show how the project benefits would be sustained after project completion. Some of the approaches for doing this have include alternative livelihood development, direct local participation, recurrent cost financing, and benefit sharing.

30. The project *Argentina, Bolivia: Implementation of the Strategic Action Program of the Bermejo River Binational Basin* recommends that an inter-ministerial committee in each country be established that would ensure that the project's findings and recommendations are translated into policy and legal reforms. Additionally, partners such as development banks, bilateral and multilateral donors, would be invited to participate in steering committee and/or to a donor's conference.

31. Sustainable alternative livelihoods would be developed to ensure project sustainability in the long term in the *Philippines: Integrated Coastal Resources Management Project*. The local community would be directly involved and GEF activities would be mainstreamed into local development. The *Maldives: Conservation and Sustainable Use of Biodiversity Associated with Coral Reefs* project would train local people so that actions introduced by the project would be sustainable over a long period of time.

32. In the *Korea: Conservation of Globally Significant Wetlands* project, a Management Committee would explore ways to strengthen institutional and financial mechanisms to ensure sustainability. Each member ministry from the committee would consider ways to consolidate its role on conservation of wetlands in accordance with individual Acts. The *Mauritania: Sustainable Energy Management Program* would form a network to act as an "Adhoc Consultative Group" to ensure project sustainability.

33. The *El Salvador: Natural Resource Management Through Conservation and Restoration of Environmental Services* project would study a number of mechanisms to ensure financial sustainability including alternative livelihoods, ecotourism, payment for environmental services, creation of an endowment, and the identification and value of carbon sinks. Financial sustainability would be further developed during project preparation for the *Chile: Water Resources and Biodiversity Management* project.

34. The issue of financial sustainability must be addressed during project preparation. Alternative investment studies to justify financial viability may be available through contingent financing to attract mainstream capital/lenders. It may be possible to share some of the perceived technology performance risk through contingent financing arrangements (guarantees, loans, contingent grants).

35. In the *Georgia: Removing Barriers to the Development of Small Hydropower Sector for the Mitigation of GHG Emissions*, the *Honduras: Renewable Energy Development Programme for Electricity Generation* and the *El Salvador: Electrification Based on Renewable Energy Resources* project matching cost sharing is expected and mainstream financing would cover the bulk of investment costs. The *Peru: Protected Areas and Local Participation* project would

include an assessment of long-term funding mechanisms, increased local participation, legal frameworks and establishment of fiscal controls to ensure recurrent costs are manageable and to ensure project sustainability.

36. The full involvement and co-operation of the communities is essential in the *Nepal: Linking Biodiversity Conservation in Protected Areas and Productive Landscapes in Nepal's Lowland Terai and Eastern Himalayas* project. The provision of biological corridors and buffer zones through a landscape approach has the potential for longer-term sustainability; however incentive aspects needs to build into the project properly.

37. The *Zambia: Community Based Natural Resources Management and Biodiversity Conservation in the Lukanga Swamps Watershed Area* project would ensure financial sustainability by generating revenues from sale of agricultural products and the development of enhanced skills to ensure stakeholder commitment and local community involvement. Sustainability of actions in the *Senegal: Marine and Coastal Biodiversity Conservation* project would be further developed during project formulation. Particular attention needs to be focused on, not only local and national actions, but also on, those of neighboring countries as well.

38. The *India: Demonstration Project for the Conservation and Sustainable Utilization of Medicinal Plant Biodiversity* would investigate the demand side to ensure that sustainability of the resource would be assured during project preparation. Project sustainability would be addressed during project preparation in the *Malaysia: Conservation of Biological Diversity through Sustainable Forest Management Practices* project. This is key, since project results are of substantial value for governments and private sector forest companies. The project would provide Malaysia's baseline on timber extraction and build a research center of excellence.

INCREMENTAL COST

39. 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 assists 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 builds on or can substitute for baseline activities. In most concepts, discussion of the incremental activities needs to be further developed.

PRIVATE SECTOR

40. The private sector is an important participant in GEF projects they provide much needed technology, financing and a drive towards project replication and sustainability. To effectively incorporate private sector issues and concerns into GEF projects, they must be consulted and encouraged to be involved early, as full partners, during project concept development. Projects in the GEF Pipeline currently involve the private sector only to a limited degree; their involvement will be better developed prior to work program entry. There should be a concerted effort to secure funding from the private sector for many GEF projects, as this ensures their commitment.

41. A study determining private development of renewable energy projects would be completed in the *El Salvador: Electrification Based on Renewable Energy Resources*. It is expected that the study would be published and disseminated during the execution of the PDF to facilitate project replication by the private sector. The *Honduras: Renewable Energy Development Programme for Electricity Generation* project would include a proposed framework to overcome the existing financial barriers to private sector participation.

42. The *Georgia: Removing Barriers to the Development of Small Hydropower Sector for the Mitigation of GHG Emissions* would include an assessment (e.g. economic feasibility, perceived risks, access to finance, recurrent cost financing, reduced transaction costs etc) of mainstream financing to encourage small-hydro technology. The private sector would be involved in tourism development in the *Maldives: Conservation and Sustainable Use of Biodiversity Associated with Coral Reefs in the Maldives* project and the *ADB: Philippines: Integrated Coastal Resources Management Project*.

43. Early involvement of the private sector will secure commitment to the *India: Demonstration Project for the Conservation and Sustainable Utilization of Medicinal Plant Biodiversity*. Success of the project would benefit from full involvement during project preparation.

44. It is possible for the private sector to be directly involved, they could provide some of the project financing in the *Nepal: Linking Biodiversity Conservation in Protected Areas and Productive Landscapes in Nepal's Lowland Terai and Eastern Himalayas* project. The *Malaysia: Conservation of Biological Diversity through Sustainable Forest Management Practices* project is directly relevant to the timber industry, so participation of the private sector will be further explored during project preparation.

45. The private sector can play important role in the *El Salvador: Natural Resource Management Through Conservation and Restoration of Environmental Services* project, the *Peru: Protected Areas and Local Participation* project, the *Senegal: Marine and Coastal Biodiversity Conservation* project and the *Mauritania: Sustainable Energy Management Program*. The role of the private sector will be further developed and clearly defined in project briefs before work program entry.

NON-MATURING CONCEPTS

46. 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 would 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.

47. Following publishing of Pipeline², the Implementing Agencies were requested to provide an explanation for projects that have been identified as Non-Performing Concepts. Pipeline³ for the first time presents the response from the Implementing Agencies regarding concept status. With this additional information, several concepts will now be removed from the pipeline.

PROJECTS INCLUDED IN THE MAY 2000 WORK PROGRAM

48. The pipeline includes all the full-sized projects that have been presented in the Council Work Program May 2000 (see GEFC.15/3). These projects, listed in Section V, will graduate from the pipeline if Council approves this Work Program.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Global	UNEP	Biodiversity	3/1/99	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	12/1/98	0.35	Millennium Ecosystem Assessment (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	UNDP	International Waters	(12/1/97)	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 artisaal gold mining method in developing countries with cleaner, locally produced technology.
Global	UNEP	Climate Change	6/11/99 (11/16/99)	0.3	Solar and Wind Resource Assessment Facility	
Global	UNEP	International Waters	6/1/97	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.
Global	UNEP	International Waters	6/1/99	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Global	WB	Multiple Focal Areas	2/1/97	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	UNEP/UNDP	Biodiversity	5/1/99	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 Savannahs in Southeastern Kenya.
Regional	UNDP	Multiple Focal Areas	8/1/96	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	Climate Change	9/1/93	0.3	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).

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Regional (Albania, the Former Yugoslavia Republic of Macedonia the Province of Kosovo)	WB/IFC	Climate Change	4/28/00		GEF/IFC Balkans Program	The Balkans Programs would actively work with local private sector companies to structure alternative investment studies and advisory services.
Regional (Angola, Benin, Cameroon, Congo, DR, Core d'Ivoire, Gabon, Ghana, Equatorial Guinea, Guinea-Bissau, Liberia, Nigeria, St. Tome and Principe, Sierra Leone, Togo)	UNDP	International Waters	(10/1/00)	0.35	Development of a Strategic Action Program (SAP) for the Guinea Current Large Marine Ecosystem.	The project would assist these 16 countries in making changes in the different sectors to ensure that the GCLME can sustainably support the socio-economic development of the region.
Regional (Angola, Namibia, South Africa)	UNDP	International Waters	1/1/97	0.33	Integrated Management of the Benguela Current Large Marine Ecosystem (Implementation of SAP Toward Achievement of Integrated Management of the Benguela Current Large Marine Ecosystem)	The 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 (Antigua & Barbuda, Bahamas, Barbados, Belize, Cuba, Dominica, Grenada, Guyana, Jamaica, St. Kitts & Nevis, St. Lucia, St. Vincent & the Grenadines, Suriname, Trinidad & Tobago)	UNDP	Climate Change	9/1/98	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
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	10/1/99		Integrating Management of Watersheds and Coastal Areas in Small Island Developing States in the Caribbean	The objective of the proposed project will be to assist countries in improving their watershed and coastal zone management practices in support of sustainable development.
Regional (Argentina, Bolivia)	UNEP	International Waters	(4/12/00)		Implementation of the SAP for the Bermejo River Binational Basin (Implementation of the Strategic Action Program of the Bermejo River Binational Basin)	This project will facilitate actions by the governments of Argentina and Bolivia to promote sustainable development in the bi-national basin of the Rio Bermejo (BRBB).
Regional (Argentina, Brazil, Paraguay, Uruguay)	WB	International Waters	1/1/00		Environmental Protection and Sustainable Integrated Management of the Guarani Aquifer	The main objective of the proposed initiative would be to support Brazil, Argentina, Paraguay and Uruguay in jointly elaborating and implementing a common institutional framework for managing and preserving the Guarani Aquifer.
Regional (Bangladesh, India, Indonesia, Malaysia, Maldives, Myanmar, Sri Lanka,	WB	International Waters	12/1/97	0.35	Preparation of a Transboundary Diagnostic Analysis and Preliminary Framework Strategic Action Programme for the Bay of Bengal Large Marine Ecosystem	The project will develop an agreed strategic action programme for the sustainable management of the Bay of Bengal large Marine Ecosystem.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Regional (Belize, Guatemala, Honduras)	IADB	International Waters	9/1/99		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 posts, navigational transport routes and adjacent coastal areas in the Gulf of Honduras.
Regional (Benin, Guinea, Mali, Niger, Nigeria)	UNDP/WB	International Waters	6/1/99 (8/11/99)	0.35	Reversing Land and Water Degradation Trends in the Niger Basin	The 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 (Benin, Burkina Faso, Cote d'Ivoire, Ghana, Mali, Togo)	UNEP	International Waters	1/1/00 (2/14/00)	0.348	Integrated Management of the Volta River Basin	The objective of the proposed project is to facilitate the establishment of a multi-country management framework, to produce a diagnostic of main transboundary issues, and to define agreed measures to reverse/prevent resources degradation (SAP).
Regional (Botswana, Burkina Faso, Kenya, Mali, Namibia, Senegal, East Africa, Zimbabwe)	UNEP	Biodiversity	2/1/98	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	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Regional (Botswana, Namibia, Angola)	UNDP	International Waters	6/1/96	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 (Bulgaria, Croatia, Czech Republic, Hungary, Moldova, Romania, Slovak Republic, Slovenia, Ukraine)	UNDP	International Waters	(1/7/00)	0.35	Strengthening Implementation of Nutrient Reduction Measures and Transboundary Cooperation in the Danube River Basin	The objective of this project is to complement and support the activities of the Danube Commission (ICPDR) required to provide a regional approach to the development of national policies and legislation and to define priority actions for nutrient reduction
Regional (Bulgaria, Georgia, Romania, Russian Federation, Turkey, Ukraine)	UNDP/UNEP/WB	International Waters	10/1/99 (8/11/99)	0.35	Nutrient Reduction Programme - Regional Project for the Black Sea.	The project's objective is to help the Black Sea countries to prevent nutrient releases through the use of economic instruments, environmental laws and regulations, public participation, and strengthening the Black Sea Secretariat.
Regional (Bulgaria, Hungary, Romania, Slovenia)	EBRD	International Waters	9/1/99		Danube Pollution Reduction Programme - Financing Pollution Reduction Projects by local Financial Intermediaries	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	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Regional (Burundi, Cameroon, Central Africa Republic, Republic of Congo, Democratic Republic of Congo, Equatorial Guinea, Gabon, Rwanda.	UNDP	Biodiversity	4/1/98	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 (Burundi, Congo DR, Egypt, Eritrea, Ethiopia, Kenya, Rwanda, Sudan, Tanzania)	WB/UNDP	International Waters	10/1/99 (11/24/99)	0.15	Nile Basin Initiative - Basin-wide Shared Vision Program	The project will develop a long-term regional cooperative program to promote sustainable development with the UNDP and the World Bank.
Regional (Cambodia, China, Indonesia, Malaysia, Philippines, Thailand, Vietnam)	UNEP	International Waters	12/1/96	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 this project is to undertake an extensive transboundary diagnostic analysis for the South China Sea and the watershed draining into it. The transboundary diagnostic analysis will form the basis for formulating a framework.
Regional (Cameroon, Congo, Gabon)	UNDP	Biodiversity	10/1/99	0.34	Conservation of Transboundary Biodiversity in the Minekebe-Oszala-Dja Interzone in Gabon, Congo and Cameroon	The objective of the project will be to focus on the creation of a transboundary network of conservation units including existing protected areas, the creation of complementary protected areas, and the creation and maintenance of biological corridors between.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Regional (Camoros, Kenya, Mauritania, Mozambique, Seychelles, Mozambique, Tanzania)	UNEP	International Waters	3/1/96	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 (Central/ Eastern Europe, Czech Republic, Slovakia, Poland, Hungary, Romania, Bulgaria)	UNEP	Climate Change	4/1/99	0.34	Establishing M & T ESCOs 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 a number of end user companies; investigate financing options for the M&T ESCO business.
Regional (China, Iran, Kazakhstan, Russian Federation)	UNEP	Biodiversity	10/1/99 (9/11/99)	0.35	Conservation of the Globally Significant Wetlands and Migration Corridors Required by Siberian Cranes and Other Globally Significant Migratory Waterbirds in Asia	The objective of project is to conserve the network of critical wetlands needed for survival of the Siberian Cranes, other threatened cranes, and numerous water birds that form an important resource for local populations.
Regional (China, Republic of Korea, Korea PDR)	UNDP	International Waters	05/1/97	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Regional (Colombia, Costa Rica, Nicaragua, Panama)	UNEP	International Waters	7/1/98	0.3	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.
Regional (Costa Rica, Nicaragua)	UNEP	International Waters	5/1/98	0.28	Formulation of SAP for the Integrated Management of Water Resources and the Sustainable Development of the San Juan River and Coastal Zone (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 be limited to mitigation measures to alleviate adverse impacts
Regional (Egypt, Tunisia, Palestinian Authority, Jordan, Israel).	UNDP	Biodiversity	11/1/95	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.
Regional (Estonia, Latvia, Lithuania):	UNDP	Climate Change	6/1/99	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	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Regional (Estonia, Latvia, Lithuania, Poland, Russian Federation)	WB/UNDP	International Waters	2/1/99	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 (Estonia, Moldova)	UNDP/UNEP	Ozone Depletion	2/1/97	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 (Guinea, Guinea-Bissau, Cape Verde, Gambia, Senegal, Mauritania, Morocco)	UNEP	International Waters	2/1/98	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 (Guinea, Mali, Mauritania, Senegal)	WB	International Waters	6/1/99 (12/20/99)	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 (Hungary, Slovakia, Slovenia, Czech Republic, Ukraine, Romania, Bulgaria, Moldova,	UNDP/UNEP/ WB	International Waters	11/1/99	0.35	Nutrient Reduction Program - Regional Project for the Danube Basin	The main objective of the project is to assist in implementation of the practical measures for restoring and protecting the Black Sea environment agreed by the coastal countries in the 1996 Strategic

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Croatia, Bosnia Herzegovina, Serbia)						Action Plan (SAP) for the Rehabilitation and Protection.
Regional (Indonesia, Malaysia, Philippines)	UNDP	Biodiversity	10/1/99	0.35	Conservation of the Ecological Balance of the Sulu-Sulawesi Marine Ecosystems	The overall objective of the project is to ensure that the shared marine resources and key biological features and processes are conserved in the long term.
Regional (Kenya, Ethiopia, Tanzania, Uganda)	UNEP/UNDP	Biodiversity	10/1/97	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 (Kenya, Tanzania, Uganda)	UNEP/UNDP	Biodiversity	7/1/97	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-Eastern Uganda	The project will address land degradation problems of the Maasai Steppe ecosystems in Kenya and Tanzania and of the similar ecosystem in Northeast Uganda.
Regional (Lao PDR, Cambodia, Thailand, Vietnam)	UNDP	Biodiversity	4/1/97	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Regional (Mexico, Guatemala, Belize, Honduras)	WB	Biodiversity	12/1/98	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 (Mexico, Guatemala, Belize, Honduras, Nicaragua, El Salvador, Costa Rica, Panama)	UNEP	International Waters	10/1/99		Comprehensive Action Programme to Phase out DDT and Reduce the Long-term Effects of Exposure in Mexico and Central America	This project aims at developing and implementing a bioenergy technology package to reduce GHG emissions and to promote a sustainable and participatory approach to meet rural energy needs. The project will be implemented mainly in two panchayats.
Regional (Mozambique, Zambia, Zimbabwe)	UNEP	Biodiversity	7/1/99	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.
Regional (Russian Federation, Kazakhstan)	UNDP	Biodiversity	(4/1/00)	0.35	Bioregional Biodiversity Conservation in the Altai-Sayan Mountain Ecoregion	This project will focus on the unique biota of the predominantly mountain tundra and forest biomes found in Russia and the more dry mountain biome found in Kazakhstan.
Regional (Tajikistan, Kazakhstan)	UNEP	Ozone Depletion	12/1/98	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Algeria	UNDP	Biodiversity	3/1/99	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 archeological patrimony, will also allow the strengthening of the national capacities.
Argentina	WB/IFC	Climate Change	9/1/97	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	WB	Biodiversity	10/1/99		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.
Armenia	WB	Climate Change	3/1/99	0.35	Yerevan Geothermal Pilot Project	The project will promote geothermal heat as an indigenous, environmentally friendly and cost-effective source of energy.
Armenia	UNDP	Biodiversity	12/1/97	0.1	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Armenia	UNDP	Climate Change	7/1/98	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.
Azerbaijan	EBRD	Climate Change	9/1/99		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.
Benin	WB	Multiple Focal Areas	8/1/99	0.295	Program for the Management of Forests and Adjacent Lands (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; (iv) improve the efficiency of agricultural production.
Bhutan	UNDP	Climate Change			Removing Barriers to Mini and Micro Hydropower Development for Decentralized Rural Electrification (DRE)	The project will reduce kerosene and diesel use through the development of off-grid rural electrification systems in isolated areas of Bhutan.
Brazil	WB	Biodiversity International Waters	7/1/98	0.3	Amazon Region Protected areas Program (ARPA) (Expansion & Consolidation of a System of Strict Protected Areas in the Amazonian Region)	Project would support expansion and consolidation of strict protected areas in the Amazonian region.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Brazil	UNDP	Climate Change	2/1/98	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.
Brazil	UNDP	Biodiversity	5/1/93	0.1	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	1/1/94	0.5	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	WB	International Waters/Biodiversity	10/1/99		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.
Brazil	WB/IFC	Climate Change		0.22	Feasibility Study for an Externally-Fired Combined Cycle Technology Option	The objective of the study is to determine whether state-of-art technology option for co-generation is appropriate in technical, economic, financial and environmental terms.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Brazil	UNDP	Biodiversity	5/1/95	0.28	Promoting Biodiversity Conservation and Sustainable use in the Frontier Forests of Northwestern Mato Grosso (Juruena Feasibility Study for Industrial Production of Non-Timber Forest Products)	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.
Bulgaria	WB	International Waters	10/1/99		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 partners
Burkina Faso	WB	Biodiversity	7/1/98	0.35	Burkinio Faso Transboundary Arid Rangeland Biodiversity (Transboundary Arid Rangeland Biodiversity)	The project's objective is the conservation of Biodiversity and management of natural resources and to restore the natural habitat and wildlife in a network of conservation area.
Burkina Faso	WB	Biodiversity Climate Change Land & International Waters	(4/1/00)	0.34	Sahel Integrated Lowland Ecosystem Management	The proposed project is an attempt to alleviate economic poverty and vulnerability by combating land degradation and desertification in the Sahel semi-arid zone of West Africa, beginning with the sahelian zone in Burkina Faso.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Cambodia	ADB/UNDP	Biodiversity	(3/6/00)	0.35	Integrated Resource Management and Development in the Tonle Sap Region	The objective of the project is (i) to support economic development and natural resources management; (ii) to strengthen community-based natural resources management systems for rural development; and (iii) to conserve globally significant biodiversity.
Cameroon	UNDP	Climate Change	11/1/93	0.4	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	10/1/99 (9/11/99)	0.346	Conservation of Biodiversity Through Integrated Participatory Community Management.	
Chad	UNDP	Biodiversity	4/1/98	0.26	Participatory Conservation in the Manda National Park, Moyen Chari Region in Southeastern Chad	The Moyen Chari region in Southeastern Chad is 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	WB	International Waters/Biodiversity	(4/1/00)	0.33	Water Resources and Biodiversity Management	The project would promote improved water resource management and protection of biodiversity of global significance through mainstreaming in sectoral programs and policies.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Chile	UNDP	Climate Change	4/1/99	0.8	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.
China	WB	Biodiversity	6/1/99	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 eco-regions and contain globally significant biodiversity.
China	UNDP	Climate Change	3/20/00		Barrier Removal for Efficient Lighting Products and Systems	
China	WB	Climate Change	1/1/00 (2/3/00)	0.35	Strategic Partnership to Support GOC Renewable Energy Program	The partnership aims to support the GOC Renewable Energy Program to be presented in the 10th and 11th Five-Year Plans. The objective would be taken from the GOC Program: to reduce environmental emissions from coal fired power generation.
China	UNDP	Biodiversity	9/1/91	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
China	UNDP	Biodiversity International Waters	1/1/00	0.32	Biodiversity Management in the Coastal Area of China's South Sea	To protect globally significant marine and coastal Biodiversity along China's sub-tropical and tropical southeast.
China	ADB	Biodiversity	10/1/99 (10/27/99)	0.35	Yunnan Comprehensive Agricultural Development and Biodiversity Conservation Project	
China	ADB	Biodiversity	9/1/99 (12/21/99)	0.33	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	Climate Change	9/1/99		Wind Power Development	The concept provides an initial outline of additional activities needed promote win market development in three Chinese Provinces.
Colombia	UNDP	Biodiversity	(5/29/98)	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	10/1/99 (11/23/99)	0.191	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Colombia	WB	Biodiversity	10/1/98	0.35	Conservation and Sustainable Use of Biodiversity in the Andes Region	Project assists in application of conservation, sustainable and equitable use and improved knowledge of biological resources in the region.
Colombia	UNDP	Biodiversity	1/1/00		Biodiversity Conservation in the Paramo and Montane Forest Ecosystems of the Colombian Massif	The project would assist the Government of Colombia in conserving and sustainably managing globally outstanding Biodiversity in the high mountain regions of the Colombian Massif.
Congo, Democratic Republic	UNDP	Biodiversity	12/1/94	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	11/1/98	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.
Croatia	WB	Climate Change	10/1/99		Renewable Energy Resources Project	The proposed project will: (i) promote RER projects nationwide; (ii) establish a utility-based ESCO; (iii) develop knowledge and mechanisms necessary for financiers.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Croatia	UNDP	Climate Change	12/1/97	0.2	Removing Barriers to Implementation of Energy Efficiency Measures	The project will remove barriers to 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	WB	Climate Change	10/1/99		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	WB	Biodiversity	9/1/99	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.
Cuba	UNDP	Climate Change	12/1/95	0.35	Co-generation of Electricity and Steam Using Sugarcane Bagasse and Trash (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 biomass streams arising from the production and processing of sugarcane.
Djibouti	UNDP	Climate Change	7/1/99 (11/16/99)	0.287	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Ecuador	WB	Biodiversity	10/1/99 (11/15/99)	0.35	National Protected Areas System	The proposed project will modernize the National System of Protected Areas through activities on a pilot basis responding to government priorities.
Ecuador	UNDP	Climate Change	8/1/97	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 renewable energy to replace diesel generation.
Egypt	WB	Climate Change	5/1/98	0.3	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.
Egypt	UNDP	Climate Change	9/1/98	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	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Egypt	UNDP	Biodiversity	9/1/98	0.17	Conservation and Sustainable use of Medicinal Plants in Arid and Semi-arid Ecosystems (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.
El Salvador	UNDP	Climate Change	(4/24/00)	0.227	Electrification Based on Renewable Energy Resources	The proposed project is a market transformation towards increased use of renewable energy for power generation.
El Salvador	WB	Biodiversity	(4/1/00)	0.35	Natural Resources Management	The objectives of the project are to protect El Salvador's natural ecosystems and conserve the globally significant biodiversity through the development of a system of payments for environmental services.
Eritrea	UNDP	Climate Change	11/1/96	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	(4/11/00)	0.38	Removing Barriers to the Development of Small Hydropower Sector for the Mitigation of GHG Emissions	The project is designed to enable the removal of barriers to the development of a small hydropower sector.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Georgia	UNDP	Climate Change	7/1/98	0.38	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	WB	Biodiversity	(2/26/99)	0.35	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 potential for carbon sequestration.
Ghana	WB	Biodiversity	2/26/99	0.3	Northern Savanna Biodiversity Conservation (NSBC) Project	The primary objective is to improve the environment, livelihood and health in the northern savanna zone of Ghana through the Conservation and sustainable use of natural resources including medicinal plants.
Guatemala	WB	Biodiversity	(2/2/00)	0.35	Western Altiplano Integrated Natural Resources Management	The resulting project would assist the Government of Guatemala to address conservation, sustainable use, and benefit sharing issues in the important western antiplano of the country.
Guinea	UNDP	Biodiversity	10/1/99 (4/24/00)	0.2	Conservation of Biodiversity Through Integrated Participatory Community Management in the Nimba Mountains	The full project to be formulated through this PDF-B will ensure the protection of Biodiversity in the Nimba mountains.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Haiti	WB	Biodiversity	10/1/99 (12/21/99)	0.35	Sustaining Conservation and Protected Areas Management	The objective of the project will be to establish a financial and institutional framework for sustained biodiversity protection in Haiti.
Honduras	UNDP	Climate Change	(4/24/00)	0.31	Renewable Energy Development Programme for Electricity Generation	The expected outcome of the project is to create market conditions where renewable energy sources can compete fairly with imported fossil fuels in electricity generation for on-grid applications.
Hungary	UNDP	Climate Change	3/20/00		Public Sector Energy Efficiency Programme	
India	UNDP	Biodiversity	(4/11/00)	0.37	Demonstration Project for the Conservation and Sustainable Utilization of Medicinal Plants	Conservation of globally important medicinal plant bio-diversity in four key regions of India: Northeast, Northwest, Central and Western India.
India	UNDP	Biodiversity	4/1/98	0.33	Conservation and Sustainable Management of Dryland Biodiversity in Gujarat	A full project proposal will be developed for coastal management, Conservation and sustainable utilization of coral resources, and economic activities in the region's coastal communities in Northern Gujarat.
India	UNDP	Biodiversity	5/1/95	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.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
India	UNDP	Climate Change	5/1/98	0.3	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.
Indonesia	UNDP	Biodiversity	4/1/98	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	WB/IFC	Biodiversity	10/1/99		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.
Iran	WB	Climate Change	8/1/98	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.
Iran	UNDP	Biodiversity	12/1/98	0.35	Conservation of Iranian Wetlands	The project will develop biodiversity conservation management plans and sustainable management for two or three major wetland areas using the incremental cost approach.

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Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Jamaica	WB	Biodiversity	4/1/99	0.18	Cockpit Country Conservation	The project will develop management plans and sustainable use approaches in the Cockpit country area of Jamaica.
Jamaica	IADB	Biodiversity	9/1/99		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.
Jordan	WB	Biodiversity	2/14/00 (3/29/00)	0.35	Conservation of Medicinal Plants Project	
Kazakhstan	UNDP	Biodiversity	(4/1/00)	0.23	In-Situ Conservation of Kazakhstan's Mountain Agrobiodiversity	The PDF B will seek to develop a project to conserve mountain forest agrobiodiversity by developing an in-situ public-private partnership Conservation program in Kazakhstan to conserve its wild crop relatives and traditional crop varieties on a sustainable
Kazakhstan	UNDP	Climate Change	11/1/96	0.35	Wind Power Market Development Initiative (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.
Kazakhstan	UNDP	Biodiversity	7/1/98	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.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Kazakhstan	UNDP	Climate Change	3/1/99	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.
Korea	UNDP	Biodiversity	(4/11/00)	0.35	Conservation of Globally Significant Wetlands	Project is to undertake the necessary preparatory work and lay a strong foundation for the successful implementation of conserving globally significant wetlands and the biodiversity in the Republic of Korea.
Lebanon	WB	Climate Change	4/1/99	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	12/1/94	0.5	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.
Malaysia	UNDP	Biodiversity	(4/11/00)	0.19	Conservation of Biological Diversity through Sustainable Forest Management	This project will promote Government of Malaysia's efforts in enhancing technical skills, policy and regulatory aspects, and capacity building to implement sustainable forest management.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Maldives	UNDP	Biodiversity	(4/11/00)	0.31	Conservation and Sustainable Use of Biodiversity Associated with Coral Reefs in the Maldives.	The goal of the Project is to work with island communities to identify and sustainably remove threats to Biodiversity in selected atolls.
Mali	WB	Biodiversity	7/1/98	0.35	Mali Transboundary Arid Rangeland and Biodiversity Project (Transboundary Arid Rangeland and Biodiversity Project)	The objective of the project is to establish sustainable and participatory conservation of biodiversity in the Sahel Partial Reserve and the Comoe-Leraba conservation area.
Mali	UNDP	Climate Change	8/1/99	0.16	Removal of Barriers to Widespread Adoption of Renewable Energy Technologies in Mali	The project's objective is to improve living conditions of rural inhabitants by providing lighting, broadcast media, clean water and other basic services on a sustainable basis.
Mali	WB	Biodiversity	9/1/99 (12/20/99)	0.336	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 Niver (Mopti).
Mauritania	WB	Climate Change	(4/1/00)	0.35	Sustainable Energy Management Project	The objective of the project would be to help the energy sector with the rapidly growing urban demand for household fuels, without depleting the remaining forest cover, preserve the ecosystem's carbon sequestration potential and reduce carbon emissions.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Mexico	WB	Biodiversity	4/1/99	0.34	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	WB	Climate Change	4/1/00	0.975	Pilot Rural Electrification of Offgrid Areas	The objective of the project is to test the feasibility of private-sector market distribution mechanisms for sustainable electrification of off-grid rural areas in Mexico, using conventional and renewable energy technologies (RETs).
Mexico	WB	Climate Change	12/1/98	0.3	Methane Capture and Use (Landfill Demonstration) Project (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 and use.
Mexico	UNDP	Biodiversity	10/1/99	0.35	Conservation of Biological Diversity and Sustainable Development in Three Priority Regions in Mexico	The project will provide protection of outstanding Biodiversity in three priority areas of Mexico, forming parts of two regionally and globally important eco-regions.
Mexico	UNDP	Climate Change	4/1/99	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.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Mexico	WB	Biodiversity	6/1/99	0.35	Indigenous and Community Biodiversity Conservation (COINBIO) (Indigenous and Community Conservation of Biodiversity (Oaxaca, Michoacan, Guerrero)	This project will develop management plans and sustainable use approaches on sites in Oaxaca, Michoacan, and Guerrero.
Mexico	WB	Climate Change	4/1/99	0.3	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	WB	Biodiversity	10/1/99 (11/24/99)	0.35	Consolidation of the Protected Areas Program	Mexico wishes to consolidate the protected areas system, including the expansion of an endowment fund (FANP) to cover globally significant reserves.
Moldova	EBRD	International Waters	9/1/99		Upgrading of Chisinau Waste Water Treatment Plant	The mechanical and biological wastewater 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.
Mozambique	WB	Climate Change	1/1/00	0.28	Rural Energy Development (Solar PV Component)	The strategic approach of the Solar Component is to initiate a small effort, exploiting the "workable entry points" identified at this time, and plan to lay a strong foundation for renewable energy development, with the vision of a larger-scale mainstream.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Namibia	UNDP	Climate Change	06/01/99	0.1	Barrier Removal to the Development of Commercially Institutionally and Technically Sustainable for Energy Services	This PDF-B is designed to identify, evaluate, and prioritize the barriers preventing the development of sustainable solar energy services in Namibia.
Nepal	UNDP	Biodiversity	(4/11/00)	0.26	Linking Biodiversity Conservation in Protected areas and Productive Landscapes in Nepal's Lowland Terai and Eastern Himalayas.	The project would strengthen the management of priority protected areas and extend biodiversity conservation into the productive landscape by leveraging significant cofunding to develop sustainable, biodiversity-friendly community-based development.
Nepal	WB	Biodiversity	9/1/96 (5/1/98)	0.345	Forest Biodiversity	This project will identify pilot sites for forest biodiversity protection, including sustainable use options.
Niger	WB	Biodiversity	10/1/99 (12/20/99)	0.299	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	Climate Change	10/1/97	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.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Pakistan	UNDP	Biodiversity	10/1/99 (1/28/00)	0.342	Protection and Management of Pakistan Wetlands	The project will strengthen capacity to protect selected wetland ecosystems, to ensure sustainable human development maximizing ecological and economic benefits.
Panama	UNDP	Climate Change	03/01/98	0.34	Wind Energy Development in Panama	The objective of the project to be prepared under this PDF is to remove barriers to the large-scale commercial application of wind power production in Panama.
Papua New Guinea	UNDP	Biodiversity	10/1/99 (8/11/99)	0.35	Community Based Coastal and Marine Conservation in the Milne Bay Province	The project will develop a participatory management process that protects a sample of Milne Bay coastal marine Biodiversity, owned and driven by local stakeholders, and is sustainable.
Papua New Guinea	UNDP	Biodiversity	12/1/98	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	07/99 (2/16/00)	0.105	Decentralized Rural Electrification Based on Renewable Energy	The project will assist Paraguay reduce greenhouse gas emissions from use of fossil fuels for electrification and from use of kerosene and LPG for lighting in rural areas.
Peru	WB	Biodiversity	4/1/00		Protected Areas and Local Participation	The project would provide continuity to a GEF Pilot Phase activity in globally significant areas of Peru focusing on civil society participation.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Philippines	ADB	Biodiversity	(2/28/00)	0.335	Integrated Coastal Resources Management Project	
Philippines	WB	Climate Change	10/1/99		Metro Manila Urban Transport Integration Project-Marikina Bikeways Project Component (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.
Philippines	UNDP	Climate Change	9/1/99	0.305	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.
Poland	WB	Climate Change	10/1/99		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.
Poland	UNDP	Climate Change	6/1/99	0.2	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.
Romania	WB	Climate Change	10/1/99 (2/2/00)	0.35	Energy Efficiency Project	The objective of the proposed project is to foster a large increase in energy efficiency investment in Romania through development of self-sustaining, market-based mechanisms.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Romania	WB	International Waters	10/1/99 (1/5/00)	0.3	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
Russian Federation	UNEP	Biodiversity	10/1/99		An Integrated Ecosystem Approach to Enhance Biodiversity Conservation and Minimize Habitat Fragmentation in the Russian Arctic	
Russian Federation	EBRD	Climate Change	9/1/99		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.
Russian Federation	UNDP	Biodiversity	3/1/99	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 watershed 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	3/1/99	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.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Russian Federation	UNDP	Climate Change	12/1/97	0.2	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.
Russian Federation	UNEP	International Waters	7/1/99	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	6/1/99	0.35	Community Based Conservation Management	This project will formulate an integrated community based biodiversity Conservation program in pilot sites with the involvement and ownership of concerned actors, particularly local communities adjacent to the identified protected areas.
Senegal	WB	Biodiversity	(4/1/00)	0.35	Marine and Coastal Biodiversity Conservation	The project will strengthen the conservation and management of globally significant marine and coastal biodiversity, it will answer priorities identified in the Action Plan.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Slovak Republic	WB	Climate Change	10/1/99		Geothermal Energy for Kosice District Heating	The objective is to decrease CO2 emissions through the replacement of fossil fuel combustion by geothermal energy.
Slovenia	WB	Climate Change	10/1/99		Carbon Based Loan Expansion Program	The objective is to demonstrate an emission intervention program that systematically addresses both local and global environmental benefits using novel financing mechanisms.
Solomon Islands	ADB	Biodiversity	9/1/99	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	WB	Biodiversity	1/1/00 (03/29/00)	0.34	Greater Addo Elephant Park Conservation Project	The proposed project is aimed at improving the conservation of Biodiversity in the Greater Addo National Park.
Sri Lanka	ADB	Biodiversity	9/1/99	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.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Swaziland	WB	Biodiversity	9/1/99		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	10/1/99 (8/11/99)	0.194	Biodiversity Conservation and Protected Area Management	The project will demonstrate a model of protected area management promoting conservation and sustainable use of globally significant biodiversity.
Tanzania	UNDP	Biodiversity	(6/6/96)	0.12	Development of Mnazy Bay Marine Park (Establishment of a Global, Representative System of Marine Protected Areas)	This GEF Project provides the additional funding for the development of a multi-purpose Marine Protected Area around the globally significant marine Biodiversity values of the Mnazi Bay and Rovuma River estuary areas in southern Tanzania.
Tanzania	UNDP/WB	Biodiversity	(1/27/00)	0.35	Eastern Arc Forest Conservation and Management Project	The results of the PDF would support the Government of Tanzania to address in-situ conservation and sustainable use activities in key forest ecosystems of global significance in the Eastern Arc Mountains region.
Thailand	WB	Climate Change	10/1/99		Energy Service Company (ESCO) Development Project	The project will launch the energy service company concept and development of domestic and joint ventures that can identify, design, implement and monitor energy efficiency projects in industry and commercial buildings.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Thailand	WB	Climate Change	10/1/99		Bangkok Air Quality Management Project	The project will support elective vehicle development and sustainable transport planning through technical improvement, cost reduction & public awareness campaign. Possible vehicle maintenance, bus motor efficiency and traffic planning components.
Thailand	UNDP	Biodiversity	1/1/92	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.
Tunisia	WB	Biodiversity	7/1/99	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.
Tunisia	WB	Biodiversity	4/1/99	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.
Uganda	UNDP	Biodiversity	(3/14/00)	0.335	Conservation of Biodiversity in the Albertine Rift Valley Forest	The project will develop a strategy programme of action which will directly reduce deforestation of critical un-gazetted forest patches, strengthens implementation of the national Forest Conservation Master Plan in the Albertine Rift.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Uganda	WB	Climate Change	9/1/99		Rural Energy for Development (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	3/1/99	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	WB	Climate Change	10/1/99		Energy Efficiency Project	The objectives of the proposed project is to remove barriers to implementation of energy efficiency through three components: investments, support activities and institutional development.
Uruguay	WB	International Waters	10/1/99		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.
Uzbekistan	UNDP	Climate Change	6/1/98	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.

II. PROJECTS IN THE GEF PIPELINE

Country	Agency	Focal Area	Pipeline Entry (PDF-B Approval)	PDF Allocation (\$ million)	Project Name	Project Description
Venezuela	UNDP	Climate Change	05/01/93	1	Reduction of Methane Leaks in Maracaibo Natural Gas Distribution Network	Implement actions to reduce methane gas leaks in the natural gas distribution network.
Vietnam	WB/IFC	Climate Change	11/1/97	0.3	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	9/1/93	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.
Zambia	WB	Biodiversity	(4/1/00)	0.24	Community-based Natural Resources Management and Biodiversity	The objective is to promote conservation and sustainable use of bio-diversity, include to: (i) ensure conservation of natural habitats, (ii) prevent deforestation and promote sustainable management of forests, (iii) prevent and control land degradation.
Zimbabwe	UNDP	Climate Change	09/01/98	0.19	Removal of Barriers to Energy Efficiency and Associated Greenhouse Gas Reduction in Zimbabwe Industry.	The project will assess the feasibility of removing barriers to energy efficiency improvement in industry and identify activities to remove them.

III. PROJECT CONCEPTS RECENTLY ADDED TO THE PIPELINE

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

UNDP

Regional	Development and Implementation of a Strategic Action Program (SAP) for the Guinea Current Large Marine Ecosystem
Regional (Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Hungary, Moldova, Romania, Slovak Republic, Slovenia, Ukraine)	Strengthening Implementation of Nutrient Reduction Measures and Transboundary Cooperation in the Danube River Basin
Regional (Russian Federation/Kazakhstan)	Bioregional Biodiversity Conservation in the Altai-Sayan Mountain Ecoregion
China	Barrier Removal for Efficient Lighting Products and Systems
China	Biodiversity Management in the Coastal Area of China's South Sea
Colombia	Biodiversity Conservation in the Paramo and Montane Forest Ecosystems of the Colombian Massif
El Salvador	Electrification Based on Renewable Energy Resources
Georgia	Removing Barriers to the Development of Small Hydropower Sector for the Mitigation of GHG Emissions
Honduras	Renewable Energy Development Programme for Electricity Generation
Hungary	Public Sector Energy Efficiency Programme
India	Demonstration Project for the Conservation and Sustainable Utilization of Medicinal Plants
Kazakhstan	In-situ Conservation of Kazakhstan's Mountain Agrobiodiversity
Korea	Conservation of Globally Significant Wetlands
Malaysia	Conservation of Biological Diversity through Sustainable Forest Management Practices
Maldives	Conservation and Sustainable Use of Biodiversity Associated with Coral Reefs
Nepal	Linking Biodiversity Conservation in Protected Areas and Productive Landscapes in Nepal's Lowland Terai and Eastern Himalayas
Tanzania	Eastern Arc Forests Conservation and Management Project
Uganda	Conservation of Biodiversity in the Albertine Rift Valley Forests

UNEP

Regional (Argentina, Bolivia)	Implementation of the SAP for the Bermejo River Binational Basin
Regional (Benin, Burkina Faso, Cote d'Ivoire, Ghana, Mali, Togo)	Integrated Management of the Volta River Basin

WB

Regional (Argentina, Brazil, Uruguay)	Environmental Protection and Sustainable Management of the Guarani Aquifer
Regional (Albania, former Republic of Macedonia, province of Kosovo)	GEF/IFC Balkans Program
Brazil	Feasibility Study for an Externally Fired Combined Cycle Technology Option
Burkina Faso	Sahel Integrated Lowland Ecosystem Management
Chile	Water Resources and Biodiversity Management
China	Strategic Partnership to Support GOC Renewable Energy Program
El Salvador	Natural Resource Management
Guatemala	Western Altiplano Integrated Natural Resource Management
Jordan	Conservation of Medicinal Plants Project
Mauritania	Sustainable Energy Management Project
Mexico	Pilot Rural Electrification of Offgrid Areas
Mozambique	Rural Energy Development (Solar PV Component)
Peru	Protected Areas and Local Participation (PROFONANPE)
Senegal	Marine and Coastal Biodiversity Conservation
South Africa	Greater Addo Elephant Park Conservation Project
Zambia	Community-based Natural Resources Management and Biodiversity Conservation in the Lukanga Swamps Watershed Area

ADB

Philippines	Integrated Coastal Resources Management Project
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ADB/UNDP

Cambodia	Integrated Resource Management and Development in the Tonle Sap Region
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IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	Agency	Focal Area	Pipeline Entry	PDF/PRIF Allocation (\$ million)	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.	UNDP reports no funds have been disbursed pending conclusion to the middle east peace process, project will be cancelled, and as such should be removed from this list.
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).	UNDP reports the project is being remodeled into an energy efficiency programme for the Caribbean. Following further consultations, a full project is expected for FY 01/02.
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.	UNDP expects full project FY 01, pending government endorsement.

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	Agency	Focal Area	Pipeline Entry	PDF/PRIF Allocation (\$ million)	Project Name	Project Description	Comments
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.	UNDP is in dialogue with project proponents regarding the redimensioning of the project.
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.	UNEP attempting to address GEFSEC recommendations for two follow-on project activities directed at Small Island States and at "continental" level.
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.	UNEP reports project has matured into a full project and is awaiting endorsement by one national government.
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.	World Bank reports that project sponsor is not prepared to initiate full-scale project, economics not satisfactory.

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	Agency	Focal Area	Pipeline Entry	PDF/PRIF Allocation (\$ million)	Project Name	Project Description	Comments
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 in the Pantanal region.	No funds have been disbursed; UNDP is undertaking a project assessment with the sponsoring NGO to determine the next steps.
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.	Initial project objective not feasible, project is being closed down, and will not lead to a full project; project should be removed from the pipeline.
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.	UNDP completed preparation and led to a \$18 m GEF grant to China (World Bank project, no further UNDP participation)
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

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	Agency	Focal Area	Pipeline Entry	PDF/PRIF Allocation (\$ million)	Project Name	Project Description	Comments
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.	Project in the May 2000 Work Program.
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.	UNDP reports project activities suspended, pending improvement of the security situation.
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.	UNDP expects full project FY 01.
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 a bioenergy package for widespread adoption at the village level.	UNDP expects full project FY 00.
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.	Project in the May 2000 Work Program

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

Country	Agency	Focal Area	Pipeline Entry	PDF/PRIF Allocation (\$ million)	Project Name	Project Description	Comments
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
Nepal	World Bank	Biodiversity	09/1996	\$0.10	Forest Biodiversity	This project will identify pilot sites for forest biodiversity protection, including sustainable use options.	World Bank reports project is premature, critical policy and financial reform is required.
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.	UNDP reports that the PRIF is now complete, follow-on not possible until Thailand ratifies the CBD.
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.	UNDP reports that the PRIF is underway, and was not expected to lead to a full project.
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.	UNDP reports following approval of Operational Strategy, objective no longer eligible, reformulated as stand alone project, no follow-on expected.

V. PIPELINE PROJECTS INCLUDED IN THE MAY2000 WORK PROGRAM

UNDP

Regional (Angola, Namibia, South Africa)	Implementation of SAP Toward Achievement of Integrated Management of the Benguela Current Large Marine Ecosystem
Regional (China, Rep. Korea)	Reducing Environmental Stress in the Yellow Sea Large Marine Ecosystem
Brazil	Promoting Biodiversity Conservation and Sustainable Use in the Frontier Forests of North Western Mato Grosso
Cuba	Co-generation of Electricity and Steam Using Sugarcane Bagasse and Trash
Egypt	Conservation and Sustainable Use of Medicinal Plants in Arid and Semi-arid Ecosystems
Kazakhstan	Wind Power Market Development Initiative
Tanzania	Development of Mnazi Bay Marine Park

UNEP

Global	Millennium Ecosystem Assessment
Regional (Costa Rica, Nicaragua)	Formulation of SAP for the Integrated Management of Water Resources and the Sustainable Development of the San Juan River and its Coastal Zone

WB

Benin	Program for the Management of Forests and Adjacent Lands
Brazil	Amazon Region Protected Areas Program (ARPA)
Colombia	Conservation and Sustainable Use of Biodiversity in the Andes Region
Ghana	Northern Savanna Biodiversity Conservation (NSBC) Project
Mexico	Indigenous and Community Biodiversity Conservation (COINBIO)
Mexico	Mesoamerican Biological Corridor
Mexico	Methane Capture and Use (Landfill Demonstration) Project
Philippines	Metro Manila Urban Transport Integration Project-Marikina Bikeways Project Component
Poland	Krakow Energy Efficiency Project
Uganda	Rural Energy for Development