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GEF PIPELINE 5

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 Operational Focal Points, 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 fifth edition of the pipeline publication and has been updated to include all project concepts entered in to the GEF Pipeline on the basis of recommendations from Project Review Meetings. All the projects that would be submitted in the next Work Program are included among the concepts listed here. The proposed GEF allocation will be firmed up during project preparation and will be presented in the Work Program, along with the applicable implementation fee.

4. An Implementing Agency (or one of the partner Regional Development Banks) is responsible for preparing the concept document that describes the proposal in sufficient detail for eligibility review. The Secretariat reviews each proposal on the basis of the project review criteria for concepts and sets out requirements that the prepared project proposal must meet by the time of Work Program inclusion. The review criteria include:

- (a) Country ownership (including eligibility, country-drivenness);
- (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).

5. The pipeline includes concepts submitted directly by executing agencies under the policy for expanded opportunities.

COORDINATION

6. 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.

7. 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.
- (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 is being developed -- under the GEF-UNEP Strategic Partnership, an internet map server for the GEF database will provide information on GEF and other related projects as well as overlays of environmental information.

SLOW-MATURING CONCEPTS

8. 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 was not complete within three years, and will discuss them with the Implementing Agencies with a view to (i) reporting to Council on the reasons for any delay or proposed termination and (ii) removing non-maturing concepts from the GEF Pipeline.

9. Following publishing of Pipeline 2, the Implementing Agencies were requested to provide an explanation for projects that have been identified as Non-Performing Concepts. Pipeline 3 for the first time presented the response from the Implementing Agencies regarding concept status. With this additional information, several concepts have been removed from the pipeline.

II. PROJECTS IN THE GEF PIPELINE

III. PROJECT CONCEPTS RECENTLY ADDED TO THE PIPELINE

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

UNDP

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|---------------------------------------|--|
| Regional (West Africa) | Capacity-building for Improving Greenhouse Gas Inventories |
| Regional (Benin, Burkina Faso, Niger) | Community-based Conservation of Biodiversity in the Transborder Buffer Zones of the W, Arly and Pendjari National Parks |
| Belarus | Reducing Barriers to Greenhouse Gas Emissions Mitigation through the Use of Wood Waste for Municipal Heat and Hot Water Supply |
| Botswana | Identifying and Overcoming Barriers to widespread adoption of Photovoltaic Rural Electrification |
| India | Removal of Barriers to Biomass Power Generation |
| Lithuania | Conservation of Inland Wetland Biodiversity |
| Malaysia | Conservation of Biodiversity in the Marine Parks of Peninsular Malaysia |
| Nicaragua | Productive Uses of Hydro-electricity on a Small Scale |
| Russian Federation | Conservation of Wetland Biodiversity in the Lower Volga Region |
| Tanzania | Removing Barriers to the Transformation of the Rural PV Market |
| Zambia | Reclassification and Sustainable Management of Protected Areas System |

UNEP

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| Regional (Ethiopia, Djibouti) | Integrated Sustainable Management of Transboundary Environmental Resources in Southwestern Djibouti and Northeastern Ethiopia |
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WB

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| Regional (Malawi, Tanzania, Mozambique) | Lake Malawi/Nyasa Environmental Management Project |
| Regional (Botswana, Namibia, Lesotho, Malawi, Mozambique, South Africa) | Regional Project to Control Infestation and Translocation of Aquatic Weeds |
| Regional (Indonesia, Malaysia) | Development of a Regional Marine Electronic Highway in the East Asian Seas with a First Phase in the Straits of Malacca and Singapore |

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| Regional (Colombia, Costa Rica, Nicaragua) | Integrated Silvo-Pastoral Approaches to Ecosystem Management |
| Regional (Mozambique, South Africa, Zambia, Kenya, Tanzania, Uganda, Egypt, Sudan, Tunisia, Ghana, Nigeria, Senegal) | The Kijani Initiative |
| Cambodia | Promotion of Renewable Energy Businesses to Enhance Access to Energy Services in Rural Areas |
| Cameroon | Household Energy |
| Ecuador | Public Enterprise Reform and Privatization Technical Assistance (PERPTAL) |
| Kenya | Olkaria III Geothermal Development |
| Guinea | Guinean Coastal Zone Integrated Management and Preservation of Biodiversity |
| Lithuania | Vilnius District Heating |
| Mali | Household Energy and Universal Rural Access Project |
| Niger | Community-based Integrated Ecosystem Management Program |
| Russian Federation | Reduction of Nutrient Discharges and Methane Emissions in Rostov-on Don |
| Russian Federation | Fire Management in Amur Sakhalin Ecoregion |
| Rwanda | Integrated Protection and Management of Critical Ecosystems |
| St. Lucia | Coastal/Wetland Ecosystem Conservation and Sustainable Livelihoods |

IV. SLOW MATURING AND TERMINATED PROJECT CONCEPTS

| Country | Agency | Focal Area | Pipeline Entry | PDF/PRIF Allocation (\$ million) | Project Name | Project Description |
|----------|--------|----------------------|----------------|----------------------------------|---|---|
| Regional | UNDP | Biodiversity | 11/1995 | \$0.06 | Germ Plasm for Arid Lands | The project will focus on the identification and conservation of endemic species in arid and semi-arid lands, which are at risk of extinction. |
| 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 multi-phase process. The two and a half year Project will involve selected member countries in Latin America and the Caribbean. |
| Regional | UNDP | International Waters | 06/1996 | \$0.35 | Integrated Management of the Okavango River Basin | The project will develop a strategy programme to support the riparian states of the Okavango River basin to assure sustainable development of the basin's land and water resources. |

| Country | Agency | Focal Area | Pipeline Entry | PDF/PRIF Allocation (\$ million) | Project Name | Project Description |
|-----------|----------------|----------------------|----------------|----------------------------------|--|---|
| 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) th public policy frameworks 2 private sector investment in production systems. |
| 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 prepare a transboundary dia and the framework elements action programme. |
| 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 th undertake an extensive trans diagnostic analysis for the S and the watersheds. |
| Argentina | World Bank/IFC | Climate Change | 09/1997 | \$0.36 | CO2 Reinjection Pilot | The PDF C project will intr new enhanced oil recovery 1 is based on the re-injection producing oil formations to recovery of oil from these f |

| Country | Agency | Focal Area | Pipeline Entry | PDF/PRIF Allocation (\$ million) | Project Name | Project Description |
|----------|--------|----------------|----------------|----------------------------------|---|--|
| Brazil | UNDP | Biodiversity | 01/1994 | \$0.50 | The Pantanal: Ecosystem Management of a Major Center of Wetland Biodiversity | This preparation project will propose a detailed proposal for future funding of an ecosystem approach to biodiversity conservation in the region. |
| 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 global warming mitigation projects that will advance the interests of the interest groups involved and the population of Cameroon. |
| 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 a Biodiversity Action Plan (BAP) and BAP; the second consisted of an investment program for the establishment of forestry reserves. |

| Country | Agency | Focal Area | Pipeline Entry | PDF/PRIF Allocation (\$ million) | Project Name | Project Description |
|--|--------|----------------|----------------|----------------------------------|--|---|
| 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 UNEP, the President of the Zaire Nature Institute (IZCN) to the Chief of Party and Chairman of the |
| Cuba | UNDP | Climate Change | 12/1995 | \$0.35 | Development of Electric Energy from Sugarcane Biomass for Displacing Fossil Fuel Consumption | The long-term project objective is to increase the electric and the sustainable produced biomass from sugarcane by reducing the |
| Eritrea | UNDP | Climate Change | 11/1996 | \$0.32 | Wind Energy Applications in Coastal Regions of Eritrea | The PDF will assess the technical and environmental feasibility of wind energy technologies; conduct a review of barriers to the wider use of wind energy and design strategies to overcome them. |
| India | UNDP | Biodiversity | 05/1995 | \$0.35 | Management of Coral Reef Ecosystem of Andaman and Nicobar Islands | This project will develop a plan for coastal conservation, management and sustainable use of coral reefs and sustainable economic activities in the communities in the region. |

| Country | Agency | Focal Area | Pipeline Entry | PDF/PRIF Allocation (\$ million) | Project Name | Project Description |
|------------|------------|----------------|----------------|----------------------------------|---|---|
| India | UNDP | Climate Change | 02/1996 | \$0.20 | Carbon Emission Reduction Through Biomass Energy for Rural India (SuTRA) | The project will facilitate a development through established demonstrating the commercial bioenergy package for wide at the village level. |
| Kazakhstan | UNDP | Climate Change | 11/1996 | \$0.35 | Removing Barriers to Wind Power Production in Kazakhstan | The project aims to remove commercial scale, grid-connected power production thereby reduce for new fossil fuel based power the associated greenhouse gas |
| 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 for determining scientific and priorities, leading to the design initiative in Madagascar. |
| Nepal | World Bank | Biodiversity | 09/1996 | \$0.10 | Forest Biodiversity | This project will identify priority biodiversity protection, including use options. |
| Thailand | UNDP | Biodiversity | 01/1992 | \$0.69 | Forest Area Protection, Management and Development project | The Pre-Investment project was to develop a project, with preparation of any implementation Conservation Forest Action forest areas in Thailand. |

| Country | Agency | Focal Area | Pipeline Entry | PDF/PRIF Allocation (\$ million) | Project Name | Project Description |
|----------------|---------------|-------------------|-----------------------|---|--|---|
| 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 Maracaibo's natural gas distribution network. |
| 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 it is not used for cooking, but also in urban areas as a substitution programme. |