

## 245 Department of Environment and Conservation

(in Millions of Kina)

PIP No.	Project Title	5 Year Total	2006	2007	2008	2009	2010
1452	Biodiversity	1.1	.6	.5	.4	.3	
TOTAL CAPACITY BUILDING PROJECTS		1.1	.6	.5	.4	.3	
2443	PACDM	1.1	.8	.6	.5		
2511	GEF CC	1.2	.6	.5	.4	.3	
2512	NCSAFGEM	1.2	.6	.5	.4	.3	
TOTAL CAPITAL PROJECTS		3.5	2.0	1.6	1.3	.6	
TOTAL		4.6	2.6	2.1	1.7	.9	

## 245 Department of Environment and Conservation

## AGENCY SUMMARY OF ALL PROJECTS

## EXPENDITURE PROJECTIONS AND FINANCING REQUIREMENTS (K Millions)

PROJECT COST	2004 Actual	2005	5 Year Total	2006	2007	2008	2009	2010
<b>DIRECT PROJECT COST</b>								
<b>Current Expenditure</b>								
Personal Emoluments								
Goods and Other Services		.6	5.7	2.1	1.7	1.3	.7	
Current Transfers		1.0	1.8	.4	.8	.6	.1	
Sub-Total		1.6	7.5	2.5	2.5	1.9	.8	
<b>Capital Expenditure</b>								
Acquisition of Existing Assets								
Capital Formation		.2	.5	.2	.2	.2	.1	
Capital Transfers								
Sub-Total		.2	.5	.2	.2	.2	.1	
<b>A</b> TOT DIRECT PROJECT COST		1.8	8.0	2.7	2.7	2.1	.9	
<b>Technical Assistance</b>								
Project Preparation								
Advisory								
Training								
Equipment								
<b>B</b> TOT TECHNICAL ASSISTANCE								
<b>TOTAL PROJECT COST (A+B)</b>		1.8	8.0	2.7	2.7	2.1	.9	
<b>FINANCING SOURCES</b>								
<b>IDENTIFIED FINANCING</b>								
<b>Direct Project Financing:</b>								
<b>Government Contributions:</b>								
a) Government Input		1.7	3.0		1.6	1.2	.3	
b) Self Generating Revenue								
Loan								
Grant			2.5		1.1	.8	.6	
<b>C</b> TOTAL DIRECT FINANCING		1.7	5.5		2.7	2.0	.9	
<b>D</b> <b>Technical Assistance</b>								
<b>TOTAL FINANCING (C+D)</b>		1.7	5.5		2.7	2.0	.9	
<b>FINANCING SOUGHT</b>								
Direct Project Cost (A-C)		.1	2.5	2.7		.1		
Technical Assistance (B-D)								
<b>TOTAL FINANCING SOUGHT</b>		.1	2.5	2.7		.1		

**PIP NUMBER:** 1452

**PROJECT NAME:** PNG BIODIVERSITY CONSERVATION PROGRAMME (G.E.F)

**EXECUTING AGENCY:** Department of Environment and Conservation

**PROJECT OBJECTIVES:**

To establish the institutional, financial, legal and policy framework for the expansion and the future maintenance of conservation areas. The programme will build up the institutional capacity of DEC for biodiversity conservation. Another objective is to integrate conservation and development to address the needs of local communities in conservation areas.

**PROJECT STATUS:**

The project will initially be funded by the Global Environmental Facility (GEF). GOPNG will provide counterpart funds. An allocation of \$5 million (about K 5 million) was approved by the World Bank, UNDP, and UNEP in 1991. A GEF formulation mission visited PNG in 1992 to prepare a detailed project document. This has been approved by the Government. Project implementation commenced in 1993 and will be completed in 1997.

**PROJECT COMPONENTS:**

The project will initiate a comprehensive national conservation programme. A Conservation Resource Centre will be set up within the Conservation Division of DEC. The CRC will provide technical support to DEC to strengthen conservation planning. A National Conservation Council (NCC) will be established under the project. The NCC will advise the Minister for DEC on conservation issues and regulations, examine and provide advice on development proposals that threaten conservation areas and raise environmental perceptions amongst the public. The program will establish pilot Integrated Conservation and Development (ICAD) projects to experiment with and analyse innovative conservation methods that could be replicated in other areas.

**PROJECT LOCATION:**

Nationwide.

**PROJECT JUSTIFICATION:**

There is a need to establish an advisory body to provide general conservation policy advice to the Government. The conservation planning capacity of DEC needs to be strengthened. There is a need to expand PNG's conservation systems which underpin socio-economic systems. The likely economic benefits of such protection are immense. Considerable potential exists for the sustainable exploitation of biogenetic resources with the development of new technologies (biogenetic engineering), by the pharmaceutical industry and by extractive industries based on non timber products. Unless resources owners receive tangible economic benefits from conservation, there is a danger that land will be converted to other uses, with the subsequent loss of environmental integrity. Hence, there is a need to integrate conservation and development through innovative methods. This is a key strategy of DEC.

**PROJECT CAPACITY:**

The project will be executed by the UNDP office of project services and will be implemented by DEC. The program seeks to build up the institutional capacity of DEC through the establishment of the CRI and NCC. Substantial provision is being made for the training of DAL personnel.

**PROJECT BENEFICIARIES:**

Landowners in ICAD areas will benefit from development opportunities that will be provided and from the conservation of the natural environment. National and global communities will benefit from the preservation of gene pools, species, habitats and ecosystems.

**PROJECT SUSTAINABILITY**

The ICAD program represents the core DEC conservation programme. The PNG biodiversity programme is a pilot project that will be expanded over time.

## 1452 PNG BIODIVERSITY CONSERVATION PROGRAMME (G.E.F)

ESTIMATED TOTAL PROJECT COST 5,852.3 ESTIMATED DURATION OF THE PROJECT 5.0 Years

## EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST	2004 Actual	2005 Budget	5 Year Total	2006	2007	2008	2009	2010
<b>DIRECT PROJECT COST</b>								
<b>Current Expenditure</b>								
Personal Emoluments								
Goods and Other Services			730.0	280.0	200.0	150.0	100.0	
Current Transfers			720.0	270.0	200.0	150.0	100.0	
Sub-Total			1,450.0	550.0	400.0	300.0	200.0	
<b>Capital Expenditure</b>								
Acquisition of Existing Assets								
Capital Formation			200.0	50.0	50.0	50.0	50.0	
Capital Transfers								
Sub-Total			200.0	50.0	50.0	50.0	50.0	
<b>A TOT DIRECT PROJECT COST</b>			1,650.0	600.0	450.0	350.0	250.0	
<b>Technical Assistance</b>								
Project Preparation								
Advisory								
Training								
Equipment								
<b>B TOT TECHNICAL ASSISTANCE</b>								
<b>TOTAL PROJECT COST (A+B)</b>			1,650.0	600.0	450.0	350.0	250.0	
<b>FINANCING SOURCES</b>								
<b>IDENTIFIED FINANCING</b>								
<b>Direct Project Financing:</b>								
<b>Government Contributions:</b>								
a) Government Input			1,050.0		450.0	350.0	250.0	
b) Self Generating Revenue								
Loan								
Grant								
<b>C TOTAL DIRECT FINANCING</b>			1,050.0		450.0	350.0	250.0	
<b>D Technical Assistance</b>								
<b>TOTAL FINANCING (C+D)</b>			1,050.0		450.0	350.0	250.0	
<b>FINANCING SOUGHT</b>								
Direct Project Cost (A-C)			600.0	600.0				
Technical Assistance (B-D)								
<b>TOTAL FINANCING SOUGHT</b>			600.0	600.0				

**CURRENT DONOR INVOLVEMENT**

Global Environmental Facility

**POTENTIAL DONOR INVOLVEMENT**

2006 Budget Votes for this PIP are :-

24527013212 BIODIVERSITY DEVELOPMENT

**PIP NUMBER:** 2443

**PROJECT NAME:** PROTECTED AREAS AND CDM

**EXECUTING AGENCY:** Department of Environment and Conservation

**PROJECT OBJECTIVES:**

The project aims to promote the development of geographically defined areas which are designated or regulated and managed to achieve specific conservation objectives. The project also aims to establish a clean development mechanism (CDM) in country which will facilitate additional benefits from the various international environment conservation agreements that the country is a party to.

**PROJECT STATUS:**

For the Protected Areas Component, 10 environmental forest areas have been identified for protection, while the Clean Development Mechanism Component has seen the development of the Policy completed and launched with National Planning taking the lead.

**PROJECT COMPONENTS:**

There are two main components to the project; (i) the protection of protected areas and (ii) the establishment of clean development mechanism (CDM).

**PROJECT LOCATION:**

The project activities will be implemented at various locations around the country where there are designated environmentally protected areas as well as at the Department of Environment & Conservation in Port Moresby which will be responsible for coordinating the implementation of the project and specifically the establishment of the clean development mechanism in PNG.

**PROJECT JUSTIFICATION:**

This project will allow PNG to meet some of the environmental conservation obligations in a number of international conventions such as the United Nations Conference.

**PROJECT CAPACITY:**

The lead agency, Department of Environment and Conservation is coordinating the implementation of the project through the network that has been established through the PNG Institute of Biodiversity (PINBIO). The network of institutions and organisations under the PINBIO will be able to implement and support project activities in the future.

**PROJECT BENEFICIARIES:**

The direct beneficiaries of this project will be the rural communities that own the land within the protected areas who will realise the value of conserving and using their environment in a sustainable manner. The whole country will also benefit from such projects as these will generate economic benefits for the country by conforming to the international environmental agreements.

## 2443 PROTECTED AREAS AND CDM

ESTIMATED TOTAL PROJECT COST 0.0 ESTIMATED DURATION OF THE PROJECT Years

## EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST	2004 Actual	2005 Budget	5 Year Total	2006	2007	2008	2009	2010
<b>DIRECT PROJECT COST</b>								
<b>Current Expenditure</b>								
Personal Emoluments								
Goods and Other Services		550.0	1,300.0	600.0	400.0	300.0		
Current Transfers		300.0	300.0	100.0	100.0	100.0		
Sub-Total		850.0	1,600.0	700.0	500.0	400.0		
<b>Capital Expenditure</b>								
Acquisition of Existing Assets								
Capital Formation		150.0	300.0	100.0	100.0	100.0		
Capital Transfers								
Sub-Total		150.0	300.0	100.0	100.0	100.0		
<b>A TOT DIRECT PROJECT COST</b>		1,000.0	1,900.0	800.0	600.0	500.0		
<b>Technical Assistance</b>								
Project Preparation								
Advisory								
Training								
Equipment								
<b>B TOT TECHNICAL ASSISTANCE</b>								
<b>TOTAL PROJECT COST (A+B)</b>		1,000.0	1,900.0	800.0	600.0	500.0		
<b>FINANCING SOURCES</b>								
<b>IDENTIFIED FINANCING</b>								
<b>Direct Project Financing:</b>								
<b>Government Contributions:</b>								
a) Government Input		1,000.0	1,100.0		600.0	500.0		
b) Self Generating Revenue								
Loan								
Grant								
<b>C TOTAL DIRECT FINANCING</b>		1,000.0	1,100.0		600.0	500.0		
<b>D Technical Assistance</b>								
<b>TOTAL FINANCING (C+D)</b>		1,000.0	1,100.0		600.0	500.0		
<b>FINANCING SOUGHT</b>								
Direct Project Cost (A-C)			800.0	800.0				
Technical Assistance (B-D)								
<b>TOTAL FINANCING SOUGHT</b>			800.0	800.0				

**CURRENT DONOR INVOLVEMENT**

Currently there is no donor support for the project. It is fully funded by GoPNG.

**POTENTIAL DONOR INVOLVEMENT**

The research components may attract donor support.

**2006 Budget Votes for this PIP are :-**

24527012208 PROTECTED AREAS AND CDM

**PIP NUMBER:** 2511

**PROJECT NAME:** GEF CLIMATE CHANGE

**EXECUTING AGENCY:** Department of Environment and Conservation

**PROJECT OBJECTIVES:**

The project objective is to building upon existing activities, institutions and knowledge of mitigating climate change issues in PNG. Essential information on the gaps and needs and consultations with stakeholders will enable the identification of priority areas to be addressed in the SNC and the strategies to be adopted for the implementation will be prepared.

**PROJECT STATUS:**

The project activities commenced in 2005.

**PROJECT COMPONENTS:**

The project activities include: (i) conduct workshop on the SNC as an information for and promotion to stakeholders; (ii) compilation of information on work carried out under previous activities especially INC; (iii) Identification of new areas of studies; (iv) development of set of priorities; (v) identification and strategizing; and (vi) compilation of information on technical experiences gained in the development of the INC.

**PROJECT LOCATION:**

The project will be located at the Department of Environment & Conservation headquarters, Port Moresby, NCD.

**PROJECT JUSTIFICATION:**

The stocktaking exercise is considered as the first but critical step in preparing the proposal for the SNC to UNFCCC. On the basis of a full stocktaking and stakeholder consultation, PNG will prepare and submit a proposal for the preparation of its Second National Communication to the Global Environment Facility for further funding through UNDP. Such a highly consultative and participatory process will help collating of information on financial resources and technical support for the preparation of the SNC to be provided to GEF for inclusion in the National Communication. It will also help PNG to prepare a description of existing institutional arrangements to the preparation of its communication on the continued basis.

**PROJECT CAPACITY:**

The Department of Environment and Conservation is the executing agency for the activities with UNDP being the Implementation Agency. The overall responsibility for project implementation will lie with the DEC. It will thus take the lead in executing of the self-assessment exercise through its Green House Unit.

**PROJECT BENEFICIARIES:**

The beneficiaries will be the Department of Environment & Conservation and the Country as a whole in terms of creating an enabling environment for the establishment of a UN Climate Change Convention in PNG.

## 2511 GEF CLIMATE CHANGE

ESTIMATED TOTAL PROJECT COST 626.0 ESTIMATED DURATION OF THE PROJECT Years

## EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST	2004 Actual	2005 Budget	5 Year Total	2006	2007	2008	2009	2010
<b>DIRECT PROJECT COST</b>								
<b>Current Expenditure</b>								
Personal Emoluments								
Goods and Other Services			1,852.0	626.0	526.0	400.0	300.0	
Current Transfers								
Sub-Total			1,852.0	626.0	526.0	400.0	300.0	
<b>Capital Expenditure</b>								
Acquisition of Existing Assets								
Capital Formation								
Capital Transfers								
Sub-Total								
<b>A TOT DIRECT PROJECT COST</b>			1,852.0	626.0	526.0	400.0	300.0	
<b>Technical Assistance</b>								
Project Preparation								
Advisory								
Training								
Equipment								
<b>B TOT TECHNICAL ASSISTANCE</b>								
<b>TOTAL PROJECT COST (A+B)</b>			1,852.0	626.0	526.0	400.0	300.0	
<b>FINANCING SOURCES</b>								
<b>IDENTIFIED FINANCING</b>								
<b>Direct Project Financing:</b>								
<b>Government Contributions:</b>								
a) Government Input								
b) Self Generating Revenue								
Loan								
Grant			1,226.0		526.0	400.0	300.0	
<b>C TOTAL DIRECT FINANCING</b>			1,226.0		526.0	400.0	300.0	
<b>D Technical Assistance</b>								
<b>TOTAL FINANCING (C+D)</b>			1,226.0		526.0	400.0	300.0	
<b>FINANCING SOUGHT</b>								
Direct Project Cost (A-C)			626.0	626.0				
Technical Assistance (B-D)								
<b>TOTAL FINANCING SOUGHT</b>			626.0	626.0				

**CURRENT DONOR INVOLVEMENT**

The current donor involved in the project is UNDP. The project will be supported by funding from Global Environme

**POTENTIAL DONOR INVOLVEMENT**

2006 Budget Votes for this PIP are :-

24527012209 GEF CLIMATE CHANGE ENABLING ACTIVITY

**PIP NUMBER:** 2512

**PROJECT NAME:** NATIONAL CAPACITY SELF ASSESSMENT FOR GLOBAL ENV'T'L MNT

**EXECUTING AGENCY:** Department of Environment and Conservation

**PROJECT OBJECTIVIES:**

The project is aimed at conducting a thorough assessment and analysis of the capacity needs and constraints facing PNG as it strives to meet its global environmental management obligations as set forth in the Rio conventions and other related international instruments and to formulate a concrete action plan to address the identified capacity constraints and needs.

**PROJECT STATUS:**

This is a two-year project to be completed in October 2006.

**PROJECT COMPONENTS:**

The project will undertake a thematic profile for each subject area (Biodiversity, Climate Change, and Land Degradation and other instruments) review priorities within each area and then identify capacity constraints at the individual, institutional and systemic levels. The project will catalyse targeted and coordinated action and requests for future external funding and assistance and to link country action to the broader national environmental management and sustainable development framework.

**PROJECT LOCATION:**

The project will be executed nationwide. However, the daily coordination and oversight of the project activities will be based at DEC in Port Moresby.

**PROJECT JUSTIFICATION:**

Currently the national capacity in PNG is inadequate to make significant progress with implementation of obligations of multi-lateral Environmental Agreements (MEAs) instruments within PNG. A prioritization process is needed through which key capacity building needs can be identified and their roots causes, and establish any potential synergies between obligations under the three Rio (UNFCCC, CBD, UNCCD) conventions and other international instruments.

**PROJECT CAPACITY:**

The Department of Environment and Conservation with support from relevant stakeholders of the project have the capacity to implement the project. A Project Steering Committee will be established to oversee project implementation.

**PROJECT BENEFICIARIES:**

The country as a whole will benefit from the project through overall understanding of national capacity needs with regard to global environmental management and increased government commitment to implement enhanced national capacity to monitor UN Environmental Agreements and Conventions.

## 2512 NATIONAL CAPACITY SELF ASSESSMENT FOR GLOBAL ENVT'L MNT

ESTIMATED TOTAL PROJECT COST 626.0 ESTIMATED DURATION OF THE PROJECT Years

## EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST	2004 Actual	2005 Budget	5 Year Total	2006	2007	2008	2009	2010
<b>DIRECT PROJECT COST</b>								
<b>Current Expenditure</b>								
Personal Emoluments								
Goods and Other Services			1,852.0	626.0	526.0	400.0	300.0	
Current Transfers								
Sub-Total			1,852.0	626.0	526.0	400.0	300.0	
<b>Capital Expenditure</b>								
Acquisition of Existing Assets								
Capital Formation								
Capital Transfers								
Sub-Total								
<b>A TOT DIRECT PROJECT COST</b>			1,852.0	626.0	526.0	400.0	300.0	
<b>Technical Assistance</b>								
Project Preparation								
Advisory								
Training								
Equipment								
<b>B TOT TECHNICAL ASSISTANCE</b>								
<b>TOTAL PROJECT COST (A+B)</b>			1,852.0	626.0	526.0	400.0	300.0	
<b>FINANCING SOURCES</b>								
<b>IDENTIFIED FINANCING</b>								
<b>Direct Project Financing:</b>								
<b>Government Contributions:</b>								
a) Government Input								
b) Self Generating Revenue								
Loan								
Grant			1,226.0		526.0	400.0	300.0	
<b>C TOTAL DIRECT FINANCING</b>			1,226.0		526.0	400.0	300.0	
<b>D Technical Assistance</b>								
<b>TOTAL FINANCING (C+D)</b>			1,226.0		526.0	400.0	300.0	
<b>FINANCING SOUGHT</b>								
Direct Project Cost (A-C)			626.0	626.0				
Technical Assistance (B-D)								
<b>TOTAL FINANCING SOUGHT</b>			626.0	626.0				

## CURRENT DONOR INVOLVEMENT

UNDP.

## POTENTIAL DONOR INVOLVEMENT

2006 Budget Votes for this PIP are :-

24527012210 NATIONALAL CAPACITY SELF-ASSESSMENT FOR (