

SECTOR INVESTMENT PROGRAM *PROJECT INFORMATION SHEETS*

DETAILS OF PROPOSED NEW PROJECTS/PROGRAMS



Natural Resources and Environment

DEMOCRATIC REPUBLIC OF
TIMOR-LESTE



APRIL 2005

INTRODUCTION

New proposed medium-term projects have been identified to strengthen the implementation of sector policies and strategies under the National Development Plan. These new proposals have been extracted from the individual Sector Investment Program (SIP) report - listed in Annex Table 5. The project information sheets contained in this report have been prepared under the direction of responsible agencies and Ministries in close collaboration with the Ministry of Planning and Finance.

This document contains all proposed new projects that have been identified within this sector. They each contain a brief description that include project objectives, description of the project, benefits and other pertinent information relating to proposed funding amounts and possible start dates and disbursement schedules. This document should be treated as a guiding tool to facilitate discussions and negotiations between donors and Government on support for proposed new activities. Further work will need to be done to prepare the final project document. This exercise will be jointly undertaken with the interested Donor.

Through this exercise, the Government has identified high priority activities in all sectors, more specific details on priority projects/programs can be obtained from the individual SIP reports. Any projects/programs requiring immediate implementation has been classified as **High Priority**.

Presently, the Government is taking steps to create sector working groups (SWGs) for each of the key sectors. The steps being taken in this regard are discussed in more detail in the “SIP overview report Volume I”. The objective is to build the SWGs as the primary mechanism for discussing with donors proposed programs and priorities within each sector and for ensuring that appropriate funding arrangements are in place for each sectoral program. The most urgent task is to reach early agreement with donors on the proposed new high priority projects/programs that the Government would like to start implementing in the year ahead.

For additional information on the specific project, please contact the following sector representatives or contact the SIP coordination team located within the Ministry of Planning and Finance;

Sector	Contact person	Contact number	E-mail
Education and Training	Cidalio Leite	333 9652/726 2361	cidalio@yahoo.com.au
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Natural Resources and Environment	Mario Ximenes	723 1551	love_gian@yahoo.com
Private Sector Development	Francisco Dos Reis	724 3943	
Agriculture Forestry and Fisheries	Arkanjo da Silva	724 3874	arkanjod@yahoo.com
Communications (PBS)	Fernando da Cruz	723 0081/333 9358	fcruz@east-timor.org
Power	Virgilio Guterres	723 6058	virgilio.guterres@rttl.org
Transport (Roads)	Lucas Soares	723 6184	
Water and Sanitation	Fernando da Cruz	723 0081/333 9358	fcruz@east-timor.org
Housing and Urban Development	Seperiano da Costa	724 3910	
Public Sector Management	João Jerónimo	723 0105	joao_pi@yahoo.com
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Local Government and Civil Society	Lino Torrezão	723 0116	linotorrezao@hotmail.com
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	Maria Domingas Alves	723 0044	
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SIP Coordination Team	José Abilio	723 0113	jabilio@mopf.gov.tp
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PROJECT INFORMATION SHEET



SUMMARY OF PROPOSED NEW PROJECTS THE NATURAL RESOURCES AND ENVIRONMENT SECTOR

Title of Project	Responsibility
Environment:	
Environment Division Capacity Building	MDE
Institutional Development in the Environment Sector	MDE
Environmental Outreach Program	MDE
Environmental Governance-Focus on MEAs	MDE
Timor-Leste Pollution Control	MDE
Biodiversity Conservation	MDE
Integrated resource management:	
Support for Inter-Sectoral Management Mechanisms	MDE
Capacity Development for Sustainable Land Management	MDE
Ground Water Survey	MDE
Onshore oil and gas development:	
National Energy Policy	MDE
Onshore Oil and Gas Seismic Exploration	MDE
Establishment & implementation of National Oil Company	MDE
Petroleum Data Management System	
Minerals:	
Capacity Building for Resource Survey & Management	MDE
Capacity building administration & licensing of Mining Law	MDE
Legal, Regulatory Framework and Investment Promotion	MDE
Geological Survey Capacity Building	MDE
Geological Museum	MDE
Renewable energy programs:	
Solar Energy Demonstration Project	MDE
Participatory Rural Energy Development (PRED)	MDE
Wind Resource Assessment	MDE

MDE : Ministry of Development and Environment

PROJECT INFORMATION SHEET



ENVIRONMENTAL MANAGEMENT

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Environment Division Capacity Building	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Environment Policy and Administrative Management	Code: 41010
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective	Attached Document
To ensure that the Division of Environment can adequately address urgent environmental issues within the short-term.	

Project Description	<input type="checkbox"/> Attached Document
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Background: The Division of Environment has a small staff and limited capacity. Through internal planning sessions, the staff has identified a series of emergency needs, in order for it to address the critical environmental issues and, at the same time, gradually increase its scale of activities towards the level necessary in Timor-Leste. These incremental needs are small and very urgent. Typically, they will be funded through the government budget. However, the government budget is very limited in the coming fiscal period. Hence, the government requests small and direct donor contributions to its budget in order to address these urgent needs.

Outputs/Activities:

- improve working conditions for the Division of Environment. DE has only 2 rooms for its 10 staff, the library and the meeting room facilities are insufficient. This activity would provide an additional equipped office for the Division; \$60,000
- enhance DE knowledge and skills to increase implementation of the EIA and Pollution Control Laws and associated guidelines. DE staff have already received AMDAL A and B level training. Level C training is required for some staff. New staff will require levels A and B. Other training is urgently necessary and DE has developed a training plan; \$100,000
- appropriate environmental standards issued. DE is currently working on revising standards. These are an urgent necessity, if implementation of the new laws can at least start. Once revised, the standards shall be disseminated, and some basic associated training will be necessary; \$30,000
- environmental laboratory operationalised. The laboratory has basic equipment. However, some supplies and components are missing, and the staff have not yet been adequately trained on how to use it. Equipment will be brought up to the minimal level to start monitoring air and water quality in hotspots, and basic training will be provided; \$60,000
- environmental database and management information system operationalised. DE needs to establish a system for collecting, recording and classifying information and making it available. This will require some simple equipment and training; \$50,000
- awareness of key population raised. An awareness raising campaign, focusing on urban areas outside of Dili, has been designed. \$90,000

Timing: These activities are urgent, and support is requested over the period 2004 - 2007.

Budget: Total cost of the four years is \$390,000.

PROJECT INFORMATION SHEET



Project Benefits Attached Document

The Division of Environment will be the primary beneficiary of this project. The project will moderately increase its level of implementation of the Environmental Impact Assessment and Pollution Control Laws.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Environment Division Capacity Building			390,000	MDE
Total			390,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table

	Project Start Date (dd/mm/yy)	<input type="text" value="1/05/2005"/>	
Identification Start Date	<input type="text"/>	Implementation Start Date	<input type="text"/>
Preparation Start Date	<input type="text"/>	Completion Date	<input type="text"/>
Appraisal Start Date	<input type="text"/>	Evaluation Start Date	<input type="text"/>
Donor Approval Date	<input type="text"/>	Evaluation End Date	<input type="text"/>
Timor_Leste Govt Approval Date	<input type="text"/>		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/04	100,000
	1/07/05	140,000
	1/07/06	150,000

PROJECT INFORMATION SHEET



Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			390,000	390,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
CFET/Unidentified (USAID may finance some of these activities through the Small Grants Programme)		390,000		390,000
Total		390,000		390,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Institutional Development in the Environment Sector	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Environment policy & administrative management	Code: 41010
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document

Developing a long-term indigenous capacity to effectively manage the environment in Timor-Leste.

Project Description Attached Document

Background: Until present, DE staff has been reacting to daily challenges. Due to the large number of daily challenges, and to their limited capacity, they have been unable to plan and act strategically. There have been several internationally supported missions to assist planning and long-term visioning, but DE did not fully participate in these, and the results are now out of date. Hence, DE continues to act in a relatively non-strategic manner; DE has not been able to establish long-term priorities, and; is unsure of the sequence of steps needed to build the environmental management framework.

This project will support a participatory, strategic environmental planning process, involving stakeholders from all sectors, at all levels. A nationwide, in-depth participatory process will be necessary. This planning will identify priority needs in environmental governance, for example in terms of policy, legislation and monitoring. Following on from the planning exercise, the key legal and institutional capacity needs that were identified through the planning exercise will be addressed.

This work needs to be done at national level and in some districts.

Outputs/Activities:

- Strengthening environmental planning capacity;
- Supporting environmental planning in MDE, DE and in 2-3 pilot district governments
- Preparation of a national environmental action plan through a wide participatory process;
- Launching the preparation of pilot district level environmental action plans
- Clarification of Environmental policy through a participatory process
- Identification of priority legislative needs, and preparation of priority legislation
- Identification of environmental indicators and elaboration of a monitoring system
- Establishment of 'state of environment reporting'

Timing: This project is expected to start up in FY 2004/05 and last for three years.

Budget: This project will cost \$600,000.

Project Benefits Attached Document

Apart from protecting the environment, this program will also improve level of coordination among related Ministries and/or among Divisions to manage environmental related issues.

PROJECT INFORMATION SHEET



Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Institutional development in environmental sector			600,000	MDE
Total			600,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table

	Project Start Date (dd/mm/yy)	(dd/mm/yy)	Implementation Start Date (dd/mm/yy)
Identification Start Date		1/01/2005	
Preparation Start Date			Completion Date
Appraisal Start Date			Evaluation Start Date
Donor Approval Date			Evaluation End Date
Timor-Leste Govt Approval Date			

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2004	100,000
	1/07/2005	200,000
	1/07/2006	300,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				

PROJECT INFORMATION SHEET



Contingencies				
Total			600,000	600,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		600,000		600,000
Total		600,000		600,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Environmental Outreach Program	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Environment education/training	Code: 41081
Donor Project Code		
Budget Status	✓ On Budget	Off Budget

Project Objective	Attached Document
To raise broad support for and cooperation in environmental protection across Timor-Leste	
Project Description	
<p>Background: At present, environmental protection is considered neither not important nor urgent by the vast majority of stakeholders in Timor-Leste. Even if the environment was considered a high priority, the Division of Environment would not be able to assure environmental sustainability alone. It would have to work with many concerned national government agencies. And, it would have to work with non-governmental players. Hence, through this project, the government will:</p> <ul style="list-style-type: none"> • Raise awareness of and increase support for environmental protection across all elements of society; • Ensure all government agencies are willing and able to assist environmental management; • Ensure the government can work effectively with stakeholders outside of government (such as local governments, NGO and community organization, private sector and ordinary people) to achieve environmental goals. <p>Key partners of MDE are the media and the Ministry of Education, Culture, Youth and Sports.</p> <p>Outputs/Activities</p> <p><i>Wide-scale awareness and educational campaigns</i></p> <ul style="list-style-type: none"> • Develop methods for monitoring levels of environmental awareness in key target groups; • Monitor levels of awareness, and feedback the results into future awareness raising campaigns; • Prepare a series of tools in order to increase understanding in the media of environmental issues; • Design and implement pilot awareness raising programmes in representative rural and urban areas; <p><i>Targeted advocacy</i></p> <ul style="list-style-type: none"> • Estimate the economic costs of environmental degradation in Timor-Leste; • Prepare a package of environmental advocacy documents targeting senior government officials; • Prepare a package of environmental advocacy documents targeting influential decision-makers in the private sector; <p><i>Developing productive partnerships</i></p> <ul style="list-style-type: none"> • DE develops a partnership strategy, with clearly defined goals, monitoring framework, costs etc. • DE staff contribute to policy and planning activities of sectoral national agencies, through the introduction of a basic form of SEA (strategic environmental assessment); • DE identifies environmental focal points in sectoral national agencies, and provide basic training; • DE provides technical support to two pilot district governments, in the form of seconded staff and training, and developing a plan to integrate environment into district level development; • Design and launch a Small Grants Programme to foster the involvement of local NGOs in environmental issues. The programme shall have clear award criteria, a clear decision-making process, and full accountability. <p>Timing: This project will start up in FY 2004/05 and last for three years</p> <p>Budget: This project will cost \$600,000.</p>	

PROJECT INFORMATION SHEET



Project Benefits

Attached Document

Raised awareness of and increased support for environmental protection across all elements of society.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Environmental Protection Program			600,000	MDE
Total			600,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table

Project Start Date (dd/mm/yy)

Identification Start Date
Preparation Start Date
Appraisal Start Date
Donor Approval Date
Timor_Leste Govt Approval Date

Implementation Start Date
Completion Date
Evaluation Start Date
Evaluation End Date

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2004	50,000
	1/07/2005	250,000
	1/07/2006	300,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				

PROJECT INFORMATION SHEET



Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			600,000	600,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		600,000		600,000
Total		600,000		600,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Timor-Leste Pollution Control	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Pollution Control	Code: 41021
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective	Attached Document
This project is aimed at increasing effectiveness of pollution control activities.	

Project Description	<input type="checkbox"/> Attached Document
<p>Background: Air and Water pollution is a critical issue in many localized areas in Timor-Leste. In the coming years, given anticipated rises in investments and economic growth, this problem is expected to grow. This leads to health problems, to problems for the recreation and leisure sectors, to damage of water and coastal resources, and to a declining quality of life.</p> <p>In response to these challenges, the Government is promulgating two laws. One law focuses on the environmental impact assessment of proposed investments and investments under construction. The second law focuses on managing and controlling the pollution of ongoing industries. A series of guidelines has been prepared to guide implementation of these laws.</p> <p>The first task is to step-up enforcement of these laws. The second is to increasingly complement these laws with voluntary and market-based measures, such as deposit refund schemes, etc. .</p> <p>Expected Outputs/Activities:</p> <ul style="list-style-type: none"> • Purchasing of essential air quality monitoring equipment and related training; • Monitoring and inspecting large industries, enforcing the law and resolving conflicts; • Monitoring, to the extent possible, small and medium enterprises; • Working together with small scale industrialists, develop a series of best practices guidelines for each sector with large numbers of small and medium sized enterprises; • Monitor implementation of the guidelines; • Design and testing of market oriented measures at several sites across Timor-Leste <p>Timing: These activities are to be implemented over the period 2005 - 2007</p>	

Project Benefits	<input type="checkbox"/> Attached Document
Direct beneficiaries of this program are the DE staffs and the community in urban and rural areas.	

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Pollution Control Capacity Building			540,00	MDE
Total			540,000	

PROJECT INFORMATION SHEET



Exchange Rate (US\$ per National Currency Unit)

(dd/mm/yy)

Time Table

Project Start Date

(dd/mm/yy)

(dd/mm/yy)

Identification Start Date

Implementation Start Date

Preparation Start Date

Completion Date

Appraisal Start Date

Evaluation Start Date

Donor Approval Date

Evaluation End Date

Timor_Leste Govt Approval Date

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2004	150,000
	1/07/2005	190,000
	1/07/2006	200,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			540,000	540,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		540,000		540,000
Total		540,000		540,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Environmental Governance-Focus on MEAs	
Country/Organisation	UNDP/GEF	
Agency	UNDP/GEF	
DAC	Environmental Assessment	Code: 41082
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document

To determine Timor-Leste's capacity needs and address immediate priorities, with a focus on implementing the global environment conventions.

Project Description Attached Document

Background: Timor-Leste has already acceded to the United Nations Convention on Combating Desertification, and is considering ratifying the other global environment conventions focusing on climate change, biodiversity and POPS.

Outputs/Activities:

This project will first raise understanding and awareness regarding the Conventions. This will notably facilitate Timor-Leste's accession to the UNCBD and to the UNFCCC. The country will then be well placed to fully participate in and benefit from its membership into these Conventions.

This will be followed by an assessment of the capacity to manage Timor-Leste's environment, with a focus on the capacity needed to implement the environmental conventions. Individual, institutional and system-wide capacity will be assessed. Following the assessment of capacity needs, a prioritising and sequencing exercise will be undertaken.

Finally, the highest priority capacity needs identified will then be addressed through this project. For example, this may include developing an environmental plan, or preparing urgent needed national policy, or preparing laws to implement the global Conventions.

Timing: This project to start-up in FY 2003/04.
Budget: \$400,000, from UNDP and UNDP/GEF.

Project Benefits Attached Document

Overall capacity to manage the environment will benefit

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
National self-assessment program			200,000	MDE/UNDP
Total			200,000	

Exchange (US\$ per National Currency)

PROJECT INFORMATION SHEET



Rate Unit)

(dd/mm/yy)

Time Table

Project Start Date

(dd/mm/yy)

(dd/mm/yy)

Identification Start Date

Implementation Start Date

Preparation Start Date

Completion Date

Appraisal Start Date

Evaluation Start Date

Donor Approval Date

Evaluation End Date

Timor-Leste Govt Approval Date

Funding Details

Disbursement

Financial Year (dd/mm/yy)	Original Budget (\$)
1/07/2004	100,000
1/07/2006	100,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			200,000	200,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
UNDP/GEF and UNDP		200,000		200,000
Total		200,000		200,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Biodiversity Conservation	
Country/Organization	Unidentified	
Agency	Unidentified	
DAC	Biodiversity	Code: 41030
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document

The objective is to establish a management system for conserving and sustainably utilising globally significant biodiversity in Timor-Leste.

Project Description Attached Document

Background

Timor-Leste is recognised to have globally significant biodiversity, notably in terms of forests, freshwater lakes, and marine biodiversity. It is also likely that Timor-Leste has important biodiversity with potential commercial uses, such as endemic breeds of livestock, endemic strains of crops and commercial tree species, or species with medicinal uses.

Detailed information on this biodiversity is not available. Only some of the important areas are known. Little is known also about the marine and coastal ecosystems, about traditional farming practices or about traditional medicinal species.

It is known that in many areas the biodiversity is under threat, yet the exact scale or nature of the threats are not well understood.

There is a need for a structured response to these issues, in line with the participatory principle, to ensure that the biodiversity is conserved before it is lost forever. Based on experience gained from other countries in the region and across the world, biodiversity conservation should be based on financial sustainability and on a firm involvement of communities in the planning and management.

Outputs/Activities:

- Prepare an inventory of existing ecosystems and species;
- Prepare an inventory of commercially important species;
- Prepare a Nature Conservation Strategy and Action Plan, fully integrated into the national budget;
- Develop a biodiversity monitoring framework;
- Develop a strategy for financially sustainable biodiversity conservation and sustainable utilisation, with eco-tourism playing a central role;
- Design a network of protected areas across Timor-Leste, ensuring adequate coverage of ecosystem types, and developing rules and practices for the different levels of protected areas in line with IUCN guidelines;
- Consider development of a Biodiversity Law.

Timing: This project will start up in FY 2004/05 and last for three years.

Budget: This project will cost \$500.000.

Project Benefits Attached Document

The entire population in rural areas will be the primary beneficiaries of this program.

PROJECT INFORMATION SHEET



Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Strengthening capacity to manage and conserve biodiversity.			500,000	MDE
Total			500,000	

Exchange Rate (US\$ per National Currency Unit)

(dd/mm/yy)

Time Table

Project Start Date
(dd/mm/yy)

(dd/mm/yy)

Identification Start Date

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Implementation Start Date

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Preparation Start Date

Completion Date

Appraisal Start Date

Evaluation Start Date

Donor Approval Date

Evaluation End Date

Timor-Leste Govt Approval Date

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2004	50,000
	1/07/2005	250,000
	1/07/2006	200,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				

PROJECT INFORMATION SHEET



Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			500,000	500,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		500,000		500,000
Total		500,000		500,000

PROJECT INFORMATION SHEET



INTEGRATED RESOURCES MANAGEMENT

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Support for Inter-Sectoral Management Mechanisms	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Natural Resource Management	Code: 41060
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document

To ensure that Timor-Leste has high level, effective mechanisms for the integrated management of land, water and coastal resources.

Project Description Attached Document

Background: Land, water and coastal zones provide many functions for many users. Traditionally, the allocation of these resources is on a 'first-come, first served' basis and conflicts are settled by traditional management systems. As the population and the economy grow, these traditional allocation systems can become increasingly inapt. This can lead to an inappropriate economic allocation of resources, and it can lead to social conflict.

The Government aims to act *before* serious problems and conflicts arise by building an integrated approach to management of the natural resource base and environment.

Outputs/Activities: At the Vice-Minister level, an inter-ministerial natural resources working group (NRWG) has recently been established. This project will operationalise that group. Activities will include:

- Determining in a participatory manner, the working procedures and specific mandate of this working group and holding regular meetings;
- Establishing a secretariat for the group;
- Establishing an expert level technical working group to support the activities of the NRWG;
- Reviewing relevant experience in the Southeast Asia region;
- Identifying alternative approaches to integrated management and preparing a paper summarizing the costs and the benefits of each option for submission to the Office of the Prime Minister.
- Facilitating meetings of the NRWG, ensuring it can issue guidance, resolve conflicts, and oversee the development policies and plans which have impacts across sectors.

Timing: These activities are urgent, and support is requested over the period 2004 - 2007.

Budget: Total cost is \$100,000 over three years.

Project Benefits Attached Document

Integrated management of resources will provide a mechanism for resolving conflicts, ensuring the best economic use of resources, whilst assuring environmental and social sustainability

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	

PROJECT INFORMATION SHEET



Support to Committee and technical services			100,000	TBD
Total			100,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table

	Project Start Date (dd/mm/yy)	<input type="text" value="1/07/2005"/>	(dd/mm/yy)
Identification Start Date	<input type="text"/>	Implementation Start Date	<input type="text"/>
Preparation Start Date	<input type="text"/>	Completion Date	<input type="text"/>
Appraisal Start Date	<input type="text"/>	Evaluation Start Date	<input type="text"/>
Donor Approval Date	<input type="text"/>	Evaluation End Date	<input type="text"/>
Timor_Leste Govt Approval Date	<input type="text"/>		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2005	50,000
	1/07/2006	50,000

PROJECT INFORMATION SHEET



Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			100,000	100,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		100,000		100,000
Total		100,000		100,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Capacity Development for Sustainable Land Management	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Environment education/training	Code: 41081
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective	Attached Document
The halting and reversal of land degradation	

Project Description	<input type="checkbox"/> Attached Document
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Background:
Land degradation is *the* priority for national resource management in Timor-Leste. Land degradation is leading to declining agricultural productivity, declining rural incomes and security, degrading ecosystems and loss of biodiversity. It also contributes to degradation of the water cycle and associated floods and droughts.

Land degradation is caused directly by the over-collection of wood, over-grazing in some areas, and inappropriate agricultural practices (both rain-fed and irrigated). The root causes include population growth, low knowledge of technologies, poor planning, insecure land ownership etc.

In recognition of the importance of land degradation, Timor-Leste has quickly acceded to the United Nations Convention on Desertification and Land Degradation (UNCCD).

Outputs/Activities:

- Preparing National Action Programme to implement UNCCD
- Ensuring land degradation concerns are mainstreamed into national development and sectoral programmes;
- Capacity development, including: policy strengthening, institutional strengthening, information management, and training at all levels of society;
- Preparation of an investment plan.

Timing: This project is expected to start up in FY 2005/06 and last for three years.
Budget: This project will cost \$400,000.

Project Benefits	<input type="checkbox"/> Attached Document
Apart from protecting the environment, this program will also help improve level of coordination among related Ministries and develop institutional and individual capacity.	

Project Component				
Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Capacity Development for SLM			400,000	MAFF
Total			400,000	

PROJECT INFORMATION SHEET



Exchange Rate (US\$ per National Currency Unit)

Time Table

	Project Start Date (dd/mm/yy)	<input style="width: 100%; height: 20px;" type="text" value="1/07/2005"/>	
Identification Start Date	<input style="width: 100%; height: 20px;" type="text"/>	Implementation Start Date	<input style="width: 100%; height: 20px;" type="text"/>
Preparation Start Date	<input style="width: 100%; height: 20px;" type="text"/>	Completion Date	<input style="width: 100%; height: 20px;" type="text"/>
Appraisal Start Date	<input style="width: 100%; height: 20px;" type="text"/>	Evaluation Start Date	<input style="width: 100%; height: 20px;" type="text"/>
Donor Approval Date	<input style="width: 100%; height: 20px;" type="text"/>	Evaluation End Date	<input style="width: 100%; height: 20px;" type="text"/>
Timor-Leste Govt Approval Date	<input style="width: 100%; height: 20px;" type="text"/>		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2005	200,000
	1/07/2006	200,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			400,000	400,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
UNDP/GEF – a proposal		400,000		400,000
Total		400,000		400,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Ground Water Survey	
Country/Organisation	ADB	
Agency	ADB	
DAC	Water Resource Management	Code: 411061
Donor Project Code		
Budget Status	✓ On Budget	Off Budget

Project Objective Attached Document

To determine the availability of ground water and be economically viable in Timor Leste.

Project Description Attached Document

Based on its geography, Timor Leste is believed to have areas with good water resource. The project will provide ground water resource mapping and verification.

Project Benefits Attached Document

The entire population will benefit from this project.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Ground Water Survey			1,000,000	MDE
Total			1,000,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table	Project Start Date (dd/mm/yy)	Implementation Start Date (dd/mm/yy)
Identification Start Date	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
Preparation Start Date	<input style="width: 100px; height: 20px;" type="text"/>	Completion Date
Appraisal Start Date	<input style="width: 100px; height: 20px;" type="text"/>	Evaluation Start Date
Donor Approval Date	<input style="width: 100px; height: 20px;" type="text"/>	Evaluation End Date
Timor_Leste Govt Approval Date	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2004	500,000
	1/07/2005	500,000

PROJECT INFORMATION SHEET



Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			1,000,000	1,000,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		1,000,000		1,000,000
Total		1,000,000		1,000,000

PROJECT INFORMATION SHEET



ONSHORE OIL AND GAS DEVELOPMENT

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	National Energy Policy	
Country/Organisation	USAID	
Agency	USAID	
DAC	Mineral/mining policy and administrative management	Code: 32210
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document
 To develop a National Energy Policy for Timor-Leste for short-term and long-term periods to achieve the national economic development needs in a socially & environmentally sustainable manner.

Project Description Attached Document
 The project will develop a Comprehensive National Energy Policy for Timor-Leste for short-term and long-term periods, which will include: country's Socio-economic Profile; Energy development strategy; Energy Resources & Reserves (needs & forecast); Primary Energy Production, Consumption, Demands and Transformation; Energy export & import; Renewable Energy; Energy Pricing and Financial implications; Energy efficiency; Environmental impacts & sustainability; Reduction of Fossil-fuel-dependence and Poverty.

The primary activities will include :

- (i) To research & review existing data and draft an outline of the concept for the National Energy Policy for Timor-Leste;
- (ii) To conduct workshops with various stakeholders, viz. Govt sectors, industry, NGOs and communities for review and comments;
- (iii) To conduct an Int'l Seminar on Energy Policies with selected & invited experts, particularly from the ASEAN countries, and obtain their inputs for the proposed policy;
- (iv) To prepare the final National Energy Policy for presentation to and approval by the Council of Ministers.

Project Benefits Attached Document
 (i) An Approved National Road Map Towards Energy Strategy for National Development Needs;
 (ii) Energy Security & Stability, (iii) Cost-effective & sustainable supply, (iv) Job-creation & Poverty Reduction. (v) Increased Revenues, (vi) Minimum Adverse Environmental impacts.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
National energy policy			275,000	MDE
Total			275,000	

Exchange Rate (US\$ per National Currency Unit)

(dd/mm/yy)

Time Table

Project Start Date

PROJECT INFORMATION SHEET



	(dd/mm/yy)	—	(dd/mm/yy)
Identification Start Date	<input type="text"/>	Implementation Start Date	<input type="text"/>
Preparation Start Date	<input type="text"/>	Completion Date	<input type="text"/>
Appraisal Start Date	<input type="text"/>	Evaluation Start Date	<input type="text"/>
Donor Approval Date	<input type="text"/>	Evaluation End Date	<input type="text"/>
Timor_Leste Govt Approval Date	<input type="text"/>		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2004	275,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			275,000	275,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		275,000		275,000
Total		275,000		275,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Onshore Oil and Gas Seismic Exploration	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Mineral Prospection and Exploration	Code: 32220
Donor Project Code		
Budget Status	✓ On Budget	Off Budget

Project Objective	Attached Document
To obtain more sophisticated seismic /exploratory information prior to bidding out of oil and gas exploration /production sharing concessions.	

Project Description Attached Document

Background: For some decades, onshore oil and gas has been known to exist in Timor Leste' southern coastal area, but potential quantities (and qualities) are not documented in Government files. These resources generally fall into two categories: (i) already tapped resources in several locations (with all drilled wells now capped); and (ii) untapped but known resources, presently tied to visible seepages. Detailed information on earlier exploration results is understood to be available with certain oil companies apparently as private intellectual property.

Already tapped resources. Wells were drilled in the Aliambata area as early as 1900 - 1914, and some early shallow wells actually produced "gushers" of water and oil. The next generation of wells was spudded in 1961. The main target was the Viqueque basin located partly onshore and partly offshore on the south coast. All wells have subsequently been capped. One capped well is at Suai, which is immediately adjacent to ECTL diesel generating station.

Untapped Resources. More than 30 documented oil and gas seeps in Timor-Leste give clear indicator of hydrocarbons in the area. Seismic investigations (both onshore and near-shore), were carried out in 1970 by the 'Timor Oil Company' and the 'International Oil Company' and in 1974, the Woodside-Bum Oil Ltd. carried out supplementary geophysical exploration immediately offshore. A total of about 2000 km of land and marine seismic lines were shot at that time with an unknown amount of gravity work, surface mapping was accomplished. This was continued by drilling several wells in the Covalima and Viqueque districts. The Ossulari, Matai, Clara Ullo, Suai Loro, Cota Taci and Ranuc wells were drilled in the early seventies, and an offshore well at Mola was drilled in 1975 just before the company left at time of the Indonesian invasion. Wells in both areas apparently encountered oil and gas shows, and three (or more) wells recovered non-commercial quantities of oil. Timor Oil claims to have spent some \$100 million on their exploration venture in Timor-Leste. Overall, there appears to be good potential for on-shore oil and gas, at least to fuel southern coast power generation if not for export.

Meantime, PetroChina is currently in the process of performing a southern coast \$1.4 million non-seismic surface mapping including gravimetric and magnetic surveys of an area of 6,000 sq. km. This exercise will be completed in 2004 and results will be made available to the Government.

Project Description: The project will be able to undertake about 200km of additional lines of seismic investigation and correlate the results with the ongoing PetroChina geological investigations, and thus, determine best estimates of oil and as reserves, and most promising drilling sites and concession areas.

Procurement and Services: A hydrocarbons consulting firm experienced in seismic studies and oil/gas exploration would be retained for this study. Award would be on a turnkey basis.

PROJECT INFORMATION SHEET



Implementation Schedule: These studies are most urgent, and should be funded and awarded as soon as possible.

Scope of Services:

- Undertake 200km of seismic exploration;
- Correlate results with PetroChina geological mapping;
- Prioritise concession areas
- Assist Government to maximize economic rent from onshore and near-shore indigenous oil and gas.

Project Benefits Attached Document

The project will benefit the people of Timor-Leste. Through sophisticated seismic information will firm up reserve estimate, and thereby obtains improved revenue-sharing proceeds for the Government by diminishing bidder's exploration risks.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Onshore oil and gas seismic exploration			2,560,000	MDE
Total			2,560,000	

Exchange Rate (US\$ per National Currency Unit)

(dd/mm/yy)

Time Table

Project Start Date

(dd/mm/yy)

(dd/mm/yy)

Identification Start Date

/	/	/
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Implementation Start Date

/	/	/
---	---	---

Preparation Start Date

/	/	/
---	---	---

Completion Date

/	/	/
---	---	---

Appraisal Start Date

/	/	/
---	---	---

Evaluation Start Date

/	/	/
---	---	---

Donor Approval Date

/	/	/
---	---	---

Evaluation End Date

/	/	/
---	---	---

Timor-Leste Govt Approval Date

/	/	/
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Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1 / 07 / 2004	560,000
	1 / 07 / 2005	2,000,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International				

PROJECT INFORMATION SHEET



Consultants			2,560,000	2,560,000
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			2,560,000	2,560,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		2,560,000		2,560,000
Total		2,560,000		2,560,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Petroleum Data Management System	
Country/Organisation	NORAD	
Agency	NORAD	
DAC	Mineral/Mining Policy and Administrative Management	Code: 32210
Donor Project Code		

Budget Status On Budget Off Budget

Project Objective Attached Document

To provide institutional development and capacity building that will enable the Government to administer the petroleum sector without assistance.

Project Description Attached Document

Background: Onshore oil and gas development is the responsibility of the Energy & Minerals Department under the Ministry of Development and Environment. The Oil & Gas Directorate within Energy and Minerals Department is primarily responsible for various technical and policy issues. However, the current technical capacity within the Oil & Gas Directorate is extremely limited. There is need for institutional development and capacity building to meet the management needs for oil and gas, which is a vital resource of Timor-Leste.

The objective of the project is to develop the basic capacity, structure and management skills in the sector so that in the near future (say five years) the Government would be able to competently manage this area without external assistance.

Project Description: The project would comprise: (a) institutional development consisting of the establishment of a Petroleum Resource Management System and a GIS complete with map digitising and computing hardware and software along with the associated technical assistance and training; (b) overseas training for selected six to eight staff in specific areas primarily related to the upstream operations of the oil and gas sector; (c) a resident Technical Advisor in Geology to provide technical assistance on a long-term and continuous basis over a two year period.

Procurement and Services: A consulting firm with expertise in oil and gas management would be retained to undertake the services.

Implementation Schedule. This project should proceed as soon as possible.

Scope of Services. As described under 'project description' above.

Project Benefits Attached Document

The main beneficiaries of the project will be the people of Timor-Leste.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Institutional development			325,000	MDE
Overseas training and technical assistance			325,000	

PROJECT INFORMATION SHEET



Total		650,000	
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Exchange Rate (US\$ per National Currency Unit)
(dd/mm/yy)

Time Table

Project Start Date
(dd/mm/yy)

	(dd/mm/yy)		(dd/mm/yy)
Identification Start Date	/ /	Implementation Start Date	/ /
Preparation Start Date	/ /	Completion Date	/ /
Appraisal Start Date	/ /	Evaluation Start Date	/ /
Donor Approval Date	/ /	Evaluation End Date	/ /
Timor-Leste Govt Approval Date	/ /		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1 / 07 / 2004	325,000
	1 / 07 / 2006	325,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance			325,000	325,000
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Training, Workshops			325,000	325,000
Agency Fees				
Contingencies				
Total			650,000	650,000

PROJECT INFORMATION SHEET



Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		650,000		650,000
Total		650,000		650,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Establishment & implementation of National Oil Company	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Energy Policy and Administrative Management	Code: 32215
Donor Project Code		
Budget Status	✓ On Budget	Off Budget

Project Objective

Attached Document

This project would basically have three objectives: (a) test the draft Petroleum Law and associated regulations to determine whether they will achieve the objectives of attracting venture capital and maximizing economic rent; (b) generate further exploration and exploitation which will provide better indication of prospects to potential investors in later exploration areas; and (c) produce oil for power generation and as substitute for costly oil imports.

Project Description

Attached Document

Background: For some decades onshore oil and gas has been known to exist in the southern coastal area of Timor-Leste. Potential quantities (and qualities) are under various stages of exploration. These resources generally fall into two categories: (i) already tapped resources in several locations (with all drilled wells now capped); and (ii) untapped but known resources, presently tied to visible seepages. Various investigations of these onshore resources have been undertaken in earlier decades, but exploration data is held by the oil companies concerned as intellectual property, and not generally available to the Government. Investigations are now being updated under ongoing and proposed geological and seismic initiatives.

The Government is presently preparing a new Petroleum Law, which is expected to come into force around mid 2004. It is in the meantime opting not to enter into any medium- or long-term oil or gas production contracts until the Law and regulatory framework is in place. In the intervening period, it plans to develop legislation, rules, state participation and fiscal packages to maximize economic rent on future concessions, while simultaneously attracting venture capital. It is important that this work proceeds at a deliberate pace to establish an efficient and competent public administration at political, policy, technical and business levels.

This short timeframe project therefore is proposed to test a business model for prospecting, exploration, field development, transportation, cessation and clean-up phases.

Project Description: This project will facilitate the preparation and awarding of a pilot concession to an oil/gas developer in a pre-selected area on the southern coast where an existing capped well exists. It would enable the Government to develop the full documentation, legal and contractual arrangements for an oil/gas concession, thus 'testing' the Petroleum Law. By undertaking this initial pilot exercise, it is expected that future concessions would be processed more quickly and automatically, thus, accelerating the availability of indigenous oil and gas to the economy as soon as possible after passing of the Petroleum Law. A consulting firm will be retained to undertake the project.

Procurement and Services. It is envisaged that a team of specialist consultants (with fiscal, legal and subsurface expertise) would be employed covering:

(a) a reconnaissance; (b) preparatory work before pilot licensing, and follow up of pilot license work program for 3 years; (c) seminars and workshops for all staff of Department of Minerals and Natural Resources and selected members of staff from the power utility.

Implementation Schedule. The accelerated development of oil and gas for generation of southern coastal area will have considerable benefits for the economy, thus, this project should proceed as soon as possible.

PROJECT INFORMATION SHEET



Scope of Services: Envisaged scope of technical assistance includes:

- * Reconnaissance mission to Dili and Suai;
- * Selection of pilot area;
- * Establish terms for licensing of the pilot area;
- * Invite international oil companies to bid and promote the deal;
- * Contract negotiation;
- * Follow up of licence activity;
- * Harmonisation of fiscal regime and onshore total potential.

Project Benefits

Attached Document

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
			825,000	MDE
Total			825,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table

	Project Start Date (dd/mm/yy)	<input style="width: 100px; height: 20px;" type="text" value="1 / 07 / 2005"/>	
Identification Start Date	<input style="width: 100px; height: 20px;" type="text"/>	Implementation Start Date	<input style="width: 100px; height: 20px;" type="text"/>
Preparation Start Date	<input style="width: 100px; height: 20px;" type="text"/>	Completion Date	<input style="width: 100px; height: 20px;" type="text"/>
Appraisal Start Date	<input style="width: 100px; height: 20px;" type="text"/>	Evaluation Start Date	<input style="width: 100px; height: 20px;" type="text"/>
Donor Approval Date	<input style="width: 100px; height: 20px;" type="text"/>	Evaluation End Date	<input style="width: 100px; height: 20px;" type="text"/>
Timor_Leste Govt Approval Date	<input style="width: 100px; height: 20px;" type="text"/>		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1 / 07 / 2005	825,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance			825,000	825,000
International Consultants				
Domestic Consultants				

PROJECT INFORMATION SHEET



Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			825,000	825,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		825,000		825,000
Total		825,000		825,000

PROJECT INFORMATION SHEET



MINERALS

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Capacity Building for Resource Survey & Management	
Country/Organisation	NORAD	
Agency	NORAD	
DAC	Mineral Prospection and Exploration	Code: 32220
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document
 The objective of the project is to provide and improve quality of relevant workforce training for resource survey and management.

Project Description Attached Document
 The MDE recognises that human development is one of the most critical steps for survey and management of natural resources. Strengthening of the capacity of MDE staff through the provision of relevant training and promotion of skills, skills enhancement to management development, that contribute to efficiency and effectiveness of resource utilisation in Timor-Leste.

Project Benefits Attached Document
 The MDE will benefit from capacity building for its staff.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Capacity Building for resource survey & management			500,000	MDE
Total			500,000	

Exchange Rate (US\$ per National Currency Unit) (dd/mm/yy)

Time Table

	Project Start Date (dd/mm/yy)	<input type="text" value="1/05/2005"/>	
Identification Start Date	<input type="text"/>	Implementation Start Date	<input type="text"/>
Preparation Start Date	<input type="text"/>	Completion Date	<input type="text"/>
Appraisal Start Date	<input type="text"/>	Evaluation Start Date	<input type="text"/>
Donor Approval Date	<input type="text"/>	Evaluation End Date	<input type="text"/>
Timor-Leste Govt Approval Date	<input type="text"/>		

PROJECT INFORMATION SHEET



Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2004	250,000
	1/07/2005	250,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			500,000	500,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		500,000		500,000
Total		500,000		500,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Capacity building administration & licensing of Mining Law	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Legal and Regulatory Framework	Code: 32215
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document

The objectives of this project is to test the draft for Mining Law and associated regulations to determine whether they will achieve the objectives of attracting venture capital and maximizing economic rent. It will also generate further exploration and exploitation which will provide better indication of prospects to potential investors in later exploration areas.

Project Description Attached Document

The Government of Timor-Leste is now preparing Petroleum Law that is expected to come into force in 2004. It is in the meantime opting not to enter into any medium- or long-term oil or gas production contracts until the Law and regulatory framework is in place.

The project therefore will enable the Government to develop the full documentation, legal and contractual arrangements for an oil/gas concession, thus, 'testing' the Petroleum Law. By undertaking this initial pilot exercise, it is expected that future concessions would be processed more quickly and automatically, thus, accelerating the availability of indigenous oil and gas to the economy as soon as possible after passing of the Petroleum Law.

Project Benefits Attached Document

The entire people of Timor-Leste will benefit from this project.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Environmental legal and regulatory support			500,000	MDE
Total			500,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table	Project Start Date (dd/mm/yy)	<input type="text" value="1/07/2005"/>	
Identification Start Date	<input type="text"/>	Implementation Start Date	<input type="text"/>
Preparation Start Date	<input type="text"/>	Completion Date	<input type="text"/>
Appraisal Start Date	<input type="text"/>	Evaluation Start Date	<input type="text"/>

PROJECT INFORMATION SHEET



Donor Approval Date
 Timor-Leste Govt Approval Date

Evaluation End Date

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2005	250,000
	1/07/2006	250,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			500,000	500,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		500,000		500,000
Total		500,000		500,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Legal, Regulatory Framework and Investment Promotion	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Legal and Regulatory Framework	Code: 32215
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document

To develop an appropriate policy and regulations, and ensure government ownership of the process for developing policy, regulation and coordination of the legal and regulatory environment in support of the mining industry development.



Project Description Attached Document

Although the Government has made significant efforts to establish a legal framework for management of its natural resources, much more remains to be done on the legal and regulatory side. Mining regulatory environment is an important tool for stimulating domestic investment and attracting foreign investment. The key challenge is to ensure maximum Government ownership of the process of developing policy and regulation, ensuring appropriate sequencing of initiatives, improving inter-ministerial coordination and implementing a full process of public consultation through line ministries and parliament. Support for this area is crucial as advances in the business regulatory environment are closely linked to the near-term ability of Government to attract and retain further investment, both domestic and foreign.

The project provides underlying **cross-sector links** to the extent that it gives the enabling environment for private sector development in all sectors. For instance, the potential for financial sector development will be dependent on some of these laws, like insurance, collateral or procedures like credit registry and collateral registry.

This project has also a direct **impact** on the enabling environment to foster a competitive market and therefore will constitute a key component in establishing a formal economic sector, and also provide the conditions for the banking sector to operate with more security and therefore, create the environment for this services to spread to rural areas.

Project Benefits Attached Document

The business community and the population at large will benefit from the development of a regulatory environment, which will ensure appropriate sequencing of initiatives, improved inter-ministerial coordination and implementing a full process of public consultation through line ministries and Parliament. This, in turn, will spur domestic investment and will attract and retain foreign investment, contributing to employment creation.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	

PROJECT INFORMATION SHEET



Legal, Regulatory Framework & Investment Promotion			500,000	MDE
Total			500,000	

Exchange Rate (US\$ per National Currency Unit)

(dd/mm/yy)

Time Table

Project Start Date (dd/mm/yy)

(dd/mm/yy)

Identification Start Date

<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>

Implementation Start Date

<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>

Preparation Start Date

Completion Date

Appraisal Start Date

Evaluation Start Date

Donor Approval Date

Evaluation End Date

Timor-Leste Govt Approval Date

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2004	500,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			500,000	500,000

PROJECT INFORMATION SHEET



Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
USAID		500,000		500,000
Total		500,000		500,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Geological Survey Capacity Building	
Country/Organisation	NORAD	
Agency	NORAD	
DAC	Mineral/Mining Policy and Administrative Management	Code: 32210
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective	Attached Document
Improve MDE staff's skills in geological survey capacity.	

Project Description	Attached Document
Strengthening of the capacity of MDE staff through the provision of relevant training and other related capacity building initiatives on geological survey.	

<input type="checkbox"/> Project Benefits	Attached Document
The project will benefit MDE staff.	

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Geological Survey Capacity			1,000,000	MDE
Total			1,000,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table	Project Start Date (dd/mm/yy)	<input style="width: 100px; height: 20px; text-align: center;" type="text" value="1/07/2005"/>	(dd/mm/yy)
Identification Start Date	<input style="width: 100px; height: 20px;" type="text"/>	Implementation Start Date	<input style="width: 100px; height: 20px;" type="text"/>
Preparation Start Date	<input style="width: 100px; height: 20px;" type="text"/>	Completion Date	<input style="width: 100px; height: 20px;" type="text"/>
Appraisal Start Date	<input style="width: 100px; height: 20px;" type="text"/>	Evaluation Start Date	<input style="width: 100px; height: 20px;" type="text"/>
Donor Approval Date	<input style="width: 100px; height: 20px;" type="text"/>	Evaluation End Date	<input style="width: 100px; height: 20px;" type="text"/>
Timor_Leste Govt Approval Date	<input style="width: 100px; height: 20px;" type="text"/>		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2005	500,000
	1/07/2006	500,000

PROJECT INFORMATION SHEET



Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			1,000,000	1,000,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		1,000,000		1,000,000
Total		1,000,000		1,000,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Geological Museum	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Mineral/Mining Policy and Administrative Management	Code: 32210
Donor Project Code		
Budget Status	<input checked="" type="checkbox"/> On Budget	<input type="checkbox"/> Off Budget

Project Objective Attached Document

To collect and conserve geological information from the past and to inform the future generation.

Project Description Attached Document

The project will develop a museum for geological purposes including collecting and conserving all information relevant and related to geological issues.

Project Benefits Attached Document

- The project will certainly benefit the public, particularly academics, geologists and the present and future generations in general;
- Public can access information on geological issues and facts.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Geological Museum			500,00	MDE
Total			500,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table	Project Start Date (dd/mm/yy)	(dd/mm/yy)	Implementation Start Date (dd/mm/yy)
Identification Start Date	<input type="text"/>	1/07/2006	<input type="text"/>
Preparation Start Date	<input type="text"/>		Completion Date
Appraisal Start Date	<input type="text"/>		Evaluation Start Date
Donor Approval Date	<input type="text"/>		Evaluation End Date
Timor-Leste Govt Approval Date	<input type="text"/>		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1/07/2006	250,000
	1/07/2007	250,000

PROJECT INFORMATION SHEET



Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			500,000	500,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		500,000		500,000
Total		500,000		500,000

PROJECT INFORMATION SHEET



RENEWABLE ENERGY PROGRAMS

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Solar Energy Demonstration Project	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Solar Energy	Code: 23067
Donor Project Code		
Budget Status	✓ On Budget	Off Budget

Project Objective

Attached Document

To demonstrate the potential solar energy resources available.

Project Description

Attached Document

As well as those of tropical countries, Timor-Leste has a potential for developing solar energy based in almost all part of the country. The project will demonstrate and test the potential sites solar energy, resource mapping and verification. Advanced technology and modelling will allow mapping of the solar energy resource. The derived countrywide solar energy resource map will then be verified against actual measurements taken from ground meteorological stations.

Project Benefits

Attached Document

Improved alternative and less-costed energy resource for Timor-Leste. The entire population, particularly those living in the rural areas, will greatly benefit from this project.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Solar Energy Demonstration Project			625,000	MDE
Total			625,000	

Exchange Rate (US\$ per National Currency Unit)

Time Table

Project Start Date (dd/mm/yy)

Identification Start Date	/ /	Implementation Start Date	/ /
Preparation Start Date	/ /	Completion Date	/ /
Appraisal Start Date	/ /	Evaluation Start Date	/ /
Donor Approval Date	/ /	Evaluation End Date	/ /
Timor_Leste Govt Approval Date	/ /		

PROJECT INFORMATION SHEET



Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1 / 07 / 2005	300,000
	1/07/2006	325,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			625,000	625,000

Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		625,000		625,000
Total		625,000		625,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Participatory Rural Energy Development (PRED)	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Solar Energy	Code: 23067
Donor Project Code		
Budget Status	✓ On Budget	Off Budget

Project Objective Attached Document

The objective of this project is to promote sustainable rural development through participatory approaches by involving local/rural community in all phases of planning, designing, implementation, and benefit-sharing.

Project Description Attached Document

The project will emphasize the involvement of local community in all phases of planning, designing, implementation, and benefit-sharing. The project shall help people enhance their receiving and utilizing capacity, including providing community with the mechanism for working together for households and community development programs.

PRED emphasizes community mobilization as an essential vehicle for rural energy development. It is a means to ensure active participation of local people to manage and operate rural energy system along with other community development efforts in a sustainable manner. The project will benefit rural communities through skills enhancement and capital formation, technology promotion, environment management and women's empowerment.

Experiences have shown that these principles are highly effective in motivating community members to undertake community development initiatives, including energy schemes. Sustainable rural energy development, operation and management depend on the potential energy available, e.g. watershed condition and the management of natural resources. These include natural forest, agricultural systems, agro-forestry and other environmental protection measures. Such activities would improve community members' skills and/or capacities to maximize the benefits, through the use of available scarce resources.

Project Benefits Attached Document

- The impact is far reaching not only in terms of socio-economic enhancement but also on women's empowerment.
- Improved alternative and less-costed energy resource for Timor-Leste, particularly those living in rural areas. The entire population, particularly those living in the rural areas, will greatly benefit from this project.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Participatory Rural Energy Development			410,000	MDE
Total			410,000	

Exchange Rate (US\$ per National Currency Unit)

PROJECT INFORMATION SHEET



Time Table

	Project Start Date (dd/mm/yy)	(dd/mm/yy) 1 / 05 / 2005	
Identification Start Date	/ /	Implementation Start Date	/ /
Preparation Start Date	/ /	Completion Date	/ /
Appraisal Start Date	/ /	Evaluation Start Date	/ /
Donor Approval Date	/ /	Evaluation End Date	/ /
Timor-Leste Govt Approval Date	/ /		

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1 / 07 / 2004	205,000
	1/07/2006	205,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance				
International Consultants				
Domestic Consultants				
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
Trust Funds				
Training, Workshops				
Agency Fees				
Contingencies				
Total			410,000	410,000

PROJECT INFORMATION SHEET



Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		410,000		410,000
Total		410,000		410,000

PROJECT INFORMATION SHEET



Sector	NATURAL RESOURCES AND ENVIRONMENT	
Project Name	Wind Resource Assessment	
Country/Organisation	Unidentified	
Agency	Unidentified	
DAC	Wind Power	Code: 23068
Donor Project Code		
Budget Status	✓ On Budget	Off Budget

Project Objective Attached Document

To determine if wind power is economically viable in Timor-Leste.



Project Description Attached Document

Background: Timor-Leste is believed to have areas with good wind resource, based on its geography and limited measurement both in East and West Timor. The island is on the fringes of the Pacific northeast trade winds, and some areas are up to 3,000 meters above sea level. In 1992 to 1995, four masts in East Timor collected surface wind data for the Indonesian Meteorological Institute. The sites were all coastal: Dili, Baucau, Comoro and Qecussi. Maximum mean wind speed at 24 meters was 4.3 meters/second. Neither the stations nor records appear to have survived. Anecdotal evidence suggests that there may be other more suitable sites that are not sheltered.

A wind mapping exercise undertaken by the National Renewable Energy Laboratory of the US in West Timor indicated some sites with annual mean wind speeds in the range of 8.2-10.1 meters per second at 30 meters. There were indications of seasonal wind patterns, with the period of June to September being the windiest, and October to March being the least windy suggesting some synergy between wind and hydro on East Timor, because of the coincidence between the dry season and high average wind speeds. There is some evidence to suggest that there are at least two sites that may potentially be worth developing, at Foho Bagarkoholau and IraLalaro, with the latter possibly in parallel with the proposed 27MW Ira Lalaro hydro scheme, for which a feasibility study is currently being updated.

Project Description: The project will provide wind resource mapping and verification. Advanced technology and modelling will allow mapping of the wind resource based on upper-air wind measurements and topographical data. The derived countrywide wind resource map will then be verified against actual measurements taken from ground meteorological stations. This resource map will then be used to determine where the best resources are, to a resolution of about one square kilometre, from where more detailed analysis will be undertaken for individual project development (grid-connected or village scale).

The project would provide a 3-year study to prepare a wind map of the most promising locations, and to prepare a feasibility study of economically viable grid-connected and isolated wind power potential in Timor-Leste.

Scope of Services: The study will have the following general scope:

- * Collection of all existing wind measurement and topographical data available from previous studies in West Timor and Timor-Leste;
- * Computer modelling of air flows over Timor-Leste's terrain, and having regard to proximity of load centers;
- * Identify promising areas for wind developments, and locations for establishment of wind measurement masts;
- * Site visits to confirm selected sites;
- * Setting up wind measurement masts;
- * Data collection initially for two (2) years;
- * Use of collected data to calibrate computer models and develop resource maps over the island
- * Feasibility studies of selected wind generation plants.

PROJECT INFORMATION SHEET



Project Benefits Attached Document

Prepared wind map of the most promising locations, and feasibility study of economically viable grid-connected and isolated wind power potential in Timor-Leste.

Project Component

Project Component	DAC Code	Allocation		Implementing Agency
		National Currency	US\$	
Wind resource assessment, resource mapping and verification.			500,000	MTC & PW
Total			500,000	

Exchange Rate (US\$ per National Currency Unit)
(dd/mm/yy)

Time Table

Project Start Date
(dd/mm/yy)

Identification Start Date

Implementation Start dt

Preparation Start Date

Completion Date

Appraisal Start Date

Evaluation Start Date

Donor Approval Date

Evaluation End Date

Timor_Leste Govt Approval Date

Funding Details

Disbursement	Financial Year (dd/mm/yy)	Original Budget (\$)
	1 / 07 / 2006	250,000
	1 / 07 / 2007	250,000

Project Cost Components/Budget

Category	Counterpart Agency T-L (US\$)	Donor Contribution		Total Project Cost (US\$)
		National Currency	US\$	
Technical Assistance			500,000	500,000
Local Staff Salaries				
Equipment				
Civil Works				
Administration and Support Costs				
Grants				
+Training, Workshops				
Agency Fees				
Contingencies				
Total			500,000	500,000

PROJECT INFORMATION SHEET



Funding Sources

Name Donor/Agency	Donor Contribution		Counterpart Agency T-L (US\$)	Total Funding by Source (US\$)
	National Currency	US\$		
Unidentified		500,000		500,000
Total		500,000		500,000