

National Energy Policy Framework

Work Plan

1. Institutional Strengthening/Energy Planning

Goal: *An effective and equitable energy planning.*

Policy 1.1 Ensure that the Energy Unit has the capacity to carry out energy sector planning.

Strategy 1.1. Ensure the EU has an appropriate organisational structure.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Review the existing structure of the EU.	EU, Ministry of Lands (MoL) Corporate Services, PSC, Department of Economic and Sector Planning (DESP), Finance Department	A formal structure is in place.	Public Service Commission (PSC) approval provided.	2007
2. Recruit appropriate staff.	EU, PSC, Finance Department.	All staff positions are filled.	PSC approves staffing positions.	2007

Strategy 1.1.2 Provide specialised energy-training programme to staff.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Assess training needs.	EU, PSC, Ministry of Education (MoE) Scholarship and Training.	Training needs identified.	Director General of the Ministry of Lands approves training needs.	2007 and onwards

2. Develop a staff-training programme.	EU	Training programme is incorporated into the Ministry's Corporate Plan and the EU Business Plan.	There are scholarships and funds available. Scholarships include short term specialized training attachments.	2007 and onwards
--	----	---	--	------------------

Strategy 1.1.3 Provide appropriate level of budget, equipment and office space.

<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Develop an annual work programme.	EU, MoL Corporate Services	Work programme in place.	Appropriate budget provided.	Annually
2. Secure an appropriate office space.	EU, MoL Corporate Services	A suitable office space is secured.	Appropriate budget provided.	2007
3. Procure appropriate office and work-related equipment.	EU, DESP	Inventory of office and work related equipment.	Budget provided.	2007 and onwards.

Strategy 1.1.4 Develop national, bilateral, regional and multilateral partnerships.

<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Identify and establish national, regional, bilateral and multilateral partners.	EU, National Energy Advisory Committee (NEAC), Foreign Affairs Department	Increase in the number of energy programmes implemented through partnership arrangements.	Willingness of development partners to invest in the energy sector. Existing development partnerships continue.	Ongoing

Strategy 1.1.5 Ensure the establishment of an appropriate information and management system.

<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Establish an energy database.	EU, NEAC, MoL	An energy officer dedicated to manage the database.	Energy database is an integral component of the EU work programme.	2008
2. Publish and disseminate quarterly energy news bulletin.	EU, NEAC	Quarterly news bulletin issued.	Availability of resources.	2008

Policy 1.2 Ensure effective coordination amongst government agencies, the private sector and non-state actors.

Strategy 1.2.1 Encourage greater networking amongst key stakeholders.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Establish a National Energy Advisory Committee (NEAC).	EU	A NEAC established and regular meetings convened. A defined Terms of Reference for the NEAC.	The committee comprises of stakeholders from within and outside government.	2007
2. Convene regular meetings with relevant stakeholders.	EU, NEAC	Minutes of meetings. There is more free sharing of information amongst stakeholders.	More interest on energy programmes shown by stakeholders.	Ongoing

Strategy 1.2.2 Promote education and awareness on energy issues.

<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Convene school talks.	EU	Eight school talks delivered annually.	There is budget available.	Ongoing
2. Organise media releases.	EU	One radio talk per month.	There is time slot and budget available.	Ongoing
3. Develop and disseminate energy information through Provincial Government authorities and other stakeholders.	EU	Participate in one Provincial Business Forum meeting per year per province.	Provincial Governments organize Business Forum meetings.	2008
4. Integrate energy programmes into the schools curriculum.	EU, Education Curriculum Unit	Energy programmes included in the schools curriculum.	Ministry of Education accepts the change in the curriculum.	2009
5. Develop a framework to ensure training is an integral component of project-installation.	EU and other stakeholders	Copies of training reports forwarded to EU. Roles and energy needs of different gender groups included the training programme.	Willingness and cooperation of stakeholders. Stakeholders have a budget for training.	2007

Policy 1.3 Promote gender equity in energy planning.

Strategy 1.3.1 Encourage female participation in the energy programmes.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>
1. Appoint a women's representative into the NEAC.	EU, Department of Women Affairs (DoWA), Vanuatu National Council of Women (VNCW)	The NEAC has a woman representative.	The women value their membership of the NEAC.	2007

2. Recruit female staff into the EU.	EU	There is a female professional staff appointed.	There is interest in women to join the EU.	2007
--------------------------------------	----	---	--	------

Strategy 1.3.2 Promote awareness on the roles and the energy needs of different gender groups.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>
1. Develop energy activities targeted at women groups.	EU, Vanuatu National Council of Women (VNCW), Women's Affairs Department, Rural Training Centres (RTC), NGOs	Install three biogas plants (EU).	There is budget provided.	2007-2008

Policy 1.4 Ensure energy planning complies with international conventions ratified by the Vanuatu Government.

Strategy 1.4.1 Promote education and awareness on Government commitment under regional and international conventions.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>

1. Conduct workshops with targeted themes.	EU, NACCC	Two workshops carried out targeting relevant government officers, energy providers and the general public.	Budget for workshop is available. Resource personnel available.	2008
2. Provide targeted training.	Relevant focal point, NACCC.	EU staff and other stakeholders undergo training.	Resource personnel available. Budget for workshop is available.	2008

Policy 1.5 Mainstream risks in energy planning.

Strategy 1.5.1 Incorporate disaster risk management into energy planning.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Establish a renewal fund for energy projects.	EU, Finance Department, Energy Providers	Renewal fund budgeted.	Availability of budget. Ministry of Finance approves the fund.	2008
2. Develop an awareness programme on the potential risks associated with energy projects.	EU, Energy Providers	Pamphlets produced and distributed.	Project budget includes risk awareness programmes.	2008 and ongoing

Strategy 1.5.2 Strengthen the involvement of landowners, politicians and key stakeholders in energy projects.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>

1. Acquire lands for energy infrastructure.	Central and Provincial Governments	Relevant lands identified and secured. Sales purchase/lease documents. Landowners are involved in project consultations.	Political will. Landowners consent to the use of their lands.	2007 and ongoing
2. Raise awareness on the purpose of the project.	EU, Energy Providers	Meetings convened with landowners. Information papers provided to politicians and decision makers. Landowners are involved in all project development stages.	Budget included in project proposal.	2007 and ongoing

Strategy 1.5.3 Collaborate with other key stakeholders including government agencies and the private sector in energy planning.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>
1. Develop a framework for public-private partnership.	EU, DESP, State Law Office, Vanuatu Investment and Promotion Authority (VIPA)	A legal framework is in place. A project implemented under the partnership framework.	Political will. Commitment of stakeholders.	2007-2008

Policy 1.6 Ensure environmental issues are taken into consideration in all aspects of energy planning.

Strategy 1.6.1 Incorporate EIA in major energy projects.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Undertake an EIA in all major energy projects.	Environment Unit, EU, Energy Providers	EIA report.	Authorization by responsible unit. There is sufficient in-country capacity to conduct EIA.	Ongoing

Strategy 1.6.2 Promote the use of environmentally friendly technologies.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Raise awareness on technologies with minimal impacts on the environment.	EU, Energy Providers	Greater use of environmentally friendly technologies.	Funds available.	2008 and ongoing
2. Provide financial incentives for investment in environmentally sustainable technologies.	Customs Department, DESP, EU, Department of Finance, Donor Agencies	Changes in the import duty and excise tax that encourages the use of such technologies. A number of pilot projects on the ground.	Government commitment. Donor support.	2008 and ongoing
3. Develop a regulatory framework for technology standard	EU, State Law Office	A national standard in place.	Resources available.	2007 – 2008

Policy 1.7 Ensure safe handling, transportation, storage and disposal of energy wastes are incorporated into energy planning.

Strategy 1.7.1 Raise awareness on detrimental impacts of energy waste products.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Undertake awareness campaigns (Refer to Strategy 1.2.2).	Environment Department, EU, Energy Providers, NGOs	Three public awareness campaigns carried out.	Funds available. Human resource available.	2008 and ongoing

Strategy 1.7.2 Encourage active collaboration amongst stakeholders in energy waste management.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Enforce the Environmental Management Act.	Environmental Unit, EU, NGOs, Provincial Governments	More staff recruited in the Environment Unit. Waste management issues discussed in the NEAC.	There is budget allocated to cater for additional staff.	2008
2. Enforce national, regional and international requirements for waste disposal.	Environment Unit, EU, NGOs, Provincial Governments	More staff recruited in the Environment Unit.	There is budget allocated to cater for additional staff.	2008
3. Develop partnerships with potential investors for recycling of energy wastes.	EU, Energy Providers	Energy waste being re-cycled.	Willingness of investors to be involved in re-cycling wastes.	2008
4. Incorporate life-cycle approach to the management of imported petroleum fuel.	Customs Department	Waste fuel being disposed off safely.	Fuel importers willing to cooperate.	2008

2. Rural and Remote Areas

Goal: The provision of reliable and affordable energy services in particular electrification to 20% of the rural population by year 2017.

Policy 2.1. Ensure the provision of appropriate, reliable and affordable energy services to rural and remote areas.

Strategy 2.1.1 Promote the use of alternative/renewable energy sources and technologies.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Raise awareness on the use of appropriate energy technologies.	EU, Energy Providers	Media programmes produced (print and broadcast). Number of school talks organized. Number of dramas performed by WSB.	Human and financial resources available. Donors interest to sponsor pilot projects.	2008 and onwards
2. Install demonstration projects.	EU, Energy Providers, NGOs	Three demonstration projects installed in schools, health centres and other public centres.	Funding available. Technology is available.	2008 and onward annually
3. Provide tax incentives for the importation of appropriate technologies.	Custom Department, EU, Provincial Authority, Finance Department	Changes in the import and excise duty and provincial levies.	Political will.	2007

Strategy 2.1.2 Promote sustainable harvesting and efficient use of fuel wood.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>

1. Set up fuel wood nurseries.	Forestry Department, EU, Environment Unit	Number of nurseries set up in rural areas. Communities reserve areas for fuel wood plantations.	There is budget available. Communities willing to participate.	2008 -2010
2. Design and install efficient cook stoves and charcoal kilns.	EU, NGOs, Health Department	Number of efficient cooks stoves and charcoal kilns installed.	Budget available. Willingness of schools and communities to participate.	2008
3. Undertake awareness campaign on efficient use of fuel wood.	EU, NGOs, Health Department, Education Department	Media campaign through print and broadcast. School talks organized. Number of dramas performed by WSB.	Resources available.	2008 and onwards

Policy 2.2. Ensure active participation and capacity building as integral components of community based energy programmes.

Strategy 2.2.1 Encourage the active involvement of communities in energy programmes.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Provide management and technical training on energy projects.	EU, Energy Providers, NGOs, Rural Training Centres (RTC)	Number of sustainable community based projects. Number of people trained.	Community commitment	2008 and onwards
2. Set up project management committees.	EU, Energy Providers, NGOs	Each respective community has a project management committee.	Community has the capacity to manage their project.	2008 and onwards

3. Provide technical assistance to the management of energy projects.	EU, Energy Providers, NGOs, DESP	Number of community-based projects receiving technical assistance.	Resources available.	2008 and onwards
---	----------------------------------	--	----------------------	------------------

Strategy 2.2.2 Encourage partnerships with private sector and non-state actors in rural energy programmes.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>
1. Make relevant information on energy issues available to key players,	EU, Energy Providers, Statistics Department	Energy Unit quarterly publications widely disseminated.	Resources available.	2008 and onwards
2. Establish a framework for public-private partnership.	EU, State Law office	Number of private energy investment projects.	Willingness of private investors. Political will.	2008

Policy 2.3. Ensure community based energy projects underscore sustainability, consumer ownership and responsibilities.

Strategy 2.3.1 Encourage active participation of women and other community groups in energy projects.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Provide project management training programmes for women and church groups	EU, Energy Providers, NGOs, RTC	Number of women that undergo training.	Participation of women is culturally accepted.	2008 and onwards
2. Appoint women into the project management committee.	Community, EU Energy Providers, NGOs,	Increase in membership of women in project management committee.	Participation of women is culturally accepted.	2008 and onwards

Strategy 2.3.2 Encourage training in project management, including financial and technical skills.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Establish a formal energy management structure.	Community, EU, Energy Providers	Each community has a project management committee.	Commitment of community in taking full responsibility of their energy project.	2008
2. Provide technical and management training.	EU, Energy Providers, RTC	Two trainings organized.	Available resources.	2008 and onwards
3. Undertake awareness on stakeholder responsibilities.	EU, Energy Providers, Community	Awareness meetings conducted in all communities with new energy projects.	Available resources.	2008 and ongoing
4. Conduct meetings with all energy project developers.	EU, Energy Providers, Community	Meetings conducted with developers of all new projects.	Project developers willing to share information.	2008 and onwards

Policy 2.4 Ensure government promotion and commitment in rural electrification programmes.

Strategy 2.4.1 Facilitate rural electrification.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Establish a dedicated rural electrification fund.	EU, Finance Department, DESP	A dedicated account is in place.	Approval for setting up a dedicated account is provided.	2008
2. Review the Rural Electrification Policy.	EU	A revised policy in place.	Council of Ministers (CoM) approval.	2007

3. Undertake both grid and off-grid rural electrification projects.	EU, Energy Providers, NGOs, Donors	10 communities and 5 public facilities electrified.	Funds are available. Revised policy has been approved.	2008
4. Provide appropriate incentives and subsidies.	EU, Finance Department, DESP, Customs, Donors	Duty exempted on all rural electrification technologies.	Duty exemption approved.	2008
5. Conduct studies of renewable energy sources for rural electrification.	EU, Energy Providers, NGOs	Assessment reports for 2 hydro sites and 2 wind sites available.	Funds are available.	2009
6. Develop a Rural Electrification Master Plan.	EU, Energy Providers	A Master Plan is in place.	Government commitment/approval.	2007

3. Urban Electrification/Concession Areas

Goal: *Reliable and affordable electricity supply to all consumers.*

Policy 3.1. Ensure the provision of a reliable and affordable power supply to all consumers.

Strategy 3.1.1 Ensure transparency in planning, implementation and tariff setting.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>
1. Establish a utility regulatory authority (URA).	DESP, EU, State Law Office	URA established.	Government commitment. Donor support.	2007
2. Review the Master Plan for urban electrification.	EU, Energy Providers	A revised Master Plan is in place. In-country capacity for negotiating contractual arrangements available.	Resources available.	2008

3. Undertake consultations with all stakeholders in planning and implementation of urban electrification.	EU, Energy Providers, Consumers, Provincial and Municipal Authorities	Provincial and municipal authorities involvement and commitment in urban electrification	Stakeholders' commitment.	2008 and onwards
4. Develop a framework for Independent Power Producers (IPP)	EU, Energy Providers, State Law Office	IPP framework established.	Government and stakeholder commitment.	2008

Strategy 3.1.2 Encourage energy efficiency in the generation and distribution of electricity				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>
1. Implement bench marking and demand side management (DSM) programmes.	Energy Providers, EU	Reduction in energy consumption. Consumers regularly receive energy efficiency tips.	Power Utility has a dedicated staff to coordinate energy efficiency programmes.	2008 and onwards

Policy 3.2 Encourage the promotion of alternative sources of energy for power production.

Strategy3.2.1 Promote research and assessment on alternative energy sources.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Raise awareness on the potential benefits of alternative energy technologies.	EU, Energy Providers, NACCC	Media programmes produced (print and broadcast)	Human and financial resources available.	2008 and onwards
2. Install demonstration projects.	EU, Energy Providers	Number of demonstration projects installed.	Funds and technology are available.	2007 and onwards

3. Provide tax incentives for the use of alternative/renewable energy technologies for urban electrification.	Customs Department, EU	Changes in the import and excise duty.	Political will.	2008
---	------------------------	--	-----------------	------

4. Petroleum

Goal: An efficient, affordable, reliable and high quality petroleum supply to all people.

Policy 4.1. Promote energy efficiency and conservation.

Strategy 4.1.1 Encourage efficient use of petroleum fuels.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Undertake consumer awareness programmes.	EU, Energy Providers, Oil companies	Regular media (print and broadcast) releases.	Resources available.	2008

Policy 4.2. Ensure a national fuel quality standard is in place.

Strategy 4.2.1 Ensure in-country capacity in the management of fuel standard.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Establish a national fuel standard.	EU, URA, NACCC, State Law Office	A National fuel standard in place.	Government commitment.	2008

2. Provide training in fuel standard management.	EU, URA, Public Works Department (PWD)	Three persons undergo training. There is a national fuel standard in place.	Resources available.	2009
3. Develop and implement mitigation measures for GHG emission.	EU, Environment Unit, NACCC Project	More renewable energy projects implemented.	Data availability.	2008

Policy 4.3. Ensure fuel storage facilities, handling and transportation of petroleum fuels meet required national and international safety standard.

Strategy 4.3.1 Enforce national and international safety standards on storage, handling and transportation of petroleum fuels and products.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Develop a national standard for storage, handling and transportation.	EU, Energy Providers, Oil companies, Labor Department, Provincial Authorities Shipping Agencies	A national standard is in place. EU and Labour Department have the capacity to monitor and police safety standards.	Government commitment.	2008
2. Conduct awareness programmes on the safety standards.	EU, Energy Providers, Oil companies, Labor Department, Provincial Authorities	Media (print and broadcast) releases.	Funds are available.	2008 and onwards

Policy 4.4. Ensure adequate and reliable supply of petroleum fuels.

Strategy 4.4.1 Ensure adequate supply and storage facilities in both urban and rural areas.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Develop a framework to encourage competition in the supply of fuels.	EU, Provincial governments	A national framework is in place.	There is interest from other players.	2008
2. Establish an appropriate regulatory unit.	EU	Fuel regulatory unit established.	Resources are available.	2010

5. Renewable Energy

Goal: Increase use of renewable energy in Vanuatu.

Policy 5.1. Promote the sustainable use of and investments in renewable energy.

Strategy 5.1.1 Encourage partnerships with private investors, donors and other funding agencies.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Develop a framework for public-private partnership.	EU, State Law Office, Provincial Authorities, Donors, NGOs, Energy Providers	A partnership framework in place.	Government commitment. Private investors and donors interest to participate.	2008
2. Develop an exit strategy for all donor-funded projects.	EU, Project Developers, Community	Each project is operating without donor assistance.	Community capacity, commitment and willingness to support the project.	Ongoing

Strategy 5.1.2 Encourage training, research and development in renewable energy technologies.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>
1. Develop appropriate training programmes.	EU, Energy Providers, Donors, Regional Institutions	Training programme is in place.	Resources available. Government commitment.	2008
2. Install demonstration projects.	EU, Investors, NGOs	Number of demonstration projects installed.	Resources available.	2008

Strategy 5.1.3 Promote awareness and active involvement of communities in renewable energy programmes.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Undertake awareness programmes.	EU, Energy Providers, NGOs	Number of public consultations carried out. Number of communities involved in renewable energy programmes.	Resources available.	2008

Policy 5.2 Ensure renewable energy projects adhere to environmental regulations.

Strategy 5.2.1 Ensure all renewable energy projects comply with national and international environmental requirements.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Conduct EIA on major projects.	Environment Unit, Project developers, Provincial Authorities	EIA reports.	There is in-country capacity in EIA for renewable energy projects. There is continuous monitoring process to ensure compliance.	2008

6. Transport

Goal: *An efficient, affordable, reliable and environmentally clean transport system.*

Policy 6.1 Ensure energy efficiency and conservation in the transport sector.

Strategy 6.1.1 Encourage vehicle efficiency standards.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Regulate the importation of efficient vehicles.	Public Works Department, EU, Importers, Customs Department	More efficient vehicles imported. National standard in place.	Resources are available.	2008

2. Carry out regular inspection of land transport vehicles.	PWD, Police Department, Municipal and Provincial Authorities	Number of vehicles inspected and certified. Less vehicles emitting black smoke. Compliance with national standard.	Resources are available.	2008
3 Conduct awareness on energy efficiency and conservation measures.	Public Works Department, EU, Importers, Customs Department	Compliance with national standard. Two driver/owner education and awareness trainings carried out.	Resources and information available.	2008

Strategy 6.1.2 Promote the use of bio-fuels in both new and existing vehicles				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Provide incentives for bio-fuel use in the transport sector	EU, Bio-fuel providers, Fuel station operators	Increase in number of vehicles using bio-fuel. Bio-fuel tanks installed at fuel stations	Political will. Vehicle owner's willingness. Sufficient production of bio-fuel	2008
				2009

7. Bio-fuel

Goal: Increase use of bio-fuels.

Policy7.1 Promote and encourage research, development and sustainable use of bio-fuels.

Strategy 7.1.1 Ensure in-country capacity in bio-fuel technology.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption/Risks [Mitigation]</i>	<i>Time Frame</i>
1. Seek technical assistance in bio-fuel technology.	EU,	There is a bio-fuel expert providing advice to Government.	There is donor willing to fund the technical assistance.	2008
2. Provide training and scholarships in bio-fuel technology.	EU, Private investors, Donors, Scholarship Unit	Number of people trained.	Training resources available. Scholarships available	2008

Strategy 7.1.2 Promote awareness on the benefits in the use of bio-fuels.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Undertake awareness programmes.	EU, Private investors	Media releases.	Resources are available.	2008

Strategy 7.1.3 Ensure the establishment of a national bio-fuel standard.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
Develop a national bio-fuel standard	EU, Bio-fuel producers, State Law Office	A national bio-fuel standard is in place	Government Commitment	2008

2. Provide training in bio-fuel standard management.	EU, Bio-fuel producers	Three persons undergo training.	Resources available. There is a national bio-fuel standard in place.	2009
--	------------------------	---------------------------------	---	------

Strategy 7.1.4 Ensure reliability and sustainability of bio-fuel supply.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Provide incentives for copra production.	Chamber of Commerce, Agriculture Department, EU, Copra Buyers	Increase in annual copra production.	Political will.	2008
2. Install coconut oil mills in rural communities.	Private Investors, EU, Vanuatu Investment Promotion Authority (VIPA), Agriculture Department	Three coconut oil mills installed.	Funding available.	2009

Strategy 7.1.5 Ensure an appropriate regulatory framework is in place.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Develop a regulatory framework for bio-fuels.	EU, Bio-fuel producers	A regulatory framework in place. A national bio-fuel safety standard for handling, transportation and storage in place.	Political will.	2008
2. Undertake awareness on safety measures and environmental impacts.	EU, Bio-fuel producers, Environment Unit	Medial releases.	There is general understanding of the environmental issues of concern.	2009

3. Provide tax incentives in the use of bio-fuels.	Customs Department, EU	Changes in the taxation rules governing import and excise duty use of bio-fuels.	Political will.	2007
--	------------------------	--	-----------------	------

8. Energy Efficiency and Conservation

Goal: An efficient supply and use of energy.

Policy 8.1 Promote and implement energy efficiency and conservation programmes.

Strategy 8.1.1. Promote awareness on the importance of energy efficiency and conservation measures.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Undertake awareness programmes on the benefits of energy efficiency and conservation measures.	EU, Energy Providers, Equipment suppliers	Government has an efficiency programme in place. Government premises, industrial and commercial consumers adopt energy efficiency measures.	Resources available.	2008

Strategy 8.1.2. Promote incentives for and importation of energy efficient appliances.				
<i>Activities</i>	<i>Lead organisation [Stakeholders]</i>	<i>Indicators [Means of verification]</i>	<i>Assumption</i>	<i>Time Frame</i>
1. Provide duty exemption for energy efficient appliances.	Customs Department, EU	Changes in the duty exemption rules.	Political will.	2008