

Nations Development Programme

Country: Papua New Guinea

2018 Annual Work Plan

Project Title: Facilitating Renewable Energy and Energy Efficiency Applications for Greenhouse Gas Emission Reduction (FREAGER)

UNDAF/CP Outcome(s): By 2015, Government and civil society have enhanced their capacity to implement biodiversity conservation, low carbon and climate resilient development initiatives for environmental sustainability and improved community livelihoods to reduce the vulnerability of women, girls, men and boys to disaster risks

Expected Output(s): Institutional Capacity Building for Sustainable Natural Resource Management (NRM) and Biodiversity Conservation: *Relevant GoPNG institutions at the national and provincial level the capacity to effectively plan, develop, implement and monitor policies and regulatory frameworks that promote the sustainable use of natural resources and biodiversity conservation*”.

(Those that will result from the project)

Executing Agencies: United Nations Development Programme

Implementing Partner: Climate Change Development Authority

Brief Description

The United Nations Development Programme (UNDP), acting as an implementing agency of the Global Environment Facility (GEF), is providing assistance to the Government of Papua New Guinea's (GoPNG) Climate Change Development Authority (CCDA) to implement GEF Full Size Project (FSP) titled *Facilitating Renewable Energy and Energy Efficiency Applications for Greenhouse Gas Emission Reduction (FREAGER)*.” **The main objective of the project is to** enable the application of feasible renewable energy and energy efficiency technologies (to achieve greenhouse gas emission reduction in PNG). To achieve this goal, the project will assist the GoPNG in four key areas: i) Energy policy, planning and institutional development - improve development, enforcement and implementation of national and provincial energy policies, plans, and standards to promote the application of renewable energy and energy efficiency technologies; ii) Renewable Energy and Energy Efficiency Technologies Applications – pilot demonstration of small-scale technical-commercial viability and capacity on application of energy efficiency technologies and development of feasible renewable energy systems in PNG; iii) Financing of Renewable Energy and Energy Efficiency – improve availability of, and access to, financing for renewable energy and energy efficiency initiatives in the energy generation and end-use sectors; and iv) Energy Development and Awareness Enhancement - improve awareness of, and information about renewable energy and energy efficiency applications in the energy generation and end-use sectors, aiming towards behavioural change.

Programme Period: 2012-2017

Key Result Area (Strategic Plan): Environment, Climate Change and Disaster Risk Management

Atlas Award ID: 00094483

Atlas Project ID: 00098601

Start date: 1 June 2017

End Date: 31 May 2021

PAC Meeting Date: 1 December 2016

Management Arrangements: NIM

Total resources allocated: USD544,238

Allocated resources:

- GEF: USD519,238.00
- UNDP: USD25,000.00

Agreed by (UNDP): Tracy Vienings, Deputy Resident Representative

Agreed by (CCDA): Ruel Yamuna, Managing Director

I. ANNUAL WORK PLAN

EXPECTED OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Account	Budget Description
Output 1: Facilitate Renewable Energy & Energy Efficiency Applications for Greenhouse Gas Emission Reduction (FREAGER) Baseline: 0 Indicators: Number of areas in which newly adopted policies and standards (since project launch) promote renewable energy and energy efficiency Targets: Recommended policy options for renewable energy and energy efficiency	Activity Result 1: Energy Policy, Planning and Institutional Development Activity: Support review of energy policy, legislations and regulations to promote renewable energy and energy efficiency technologies in PNG Action: <ul style="list-style-type: none"> Conduct of policy gap analysis and preparing of relevant proposed policies to promote RE in PNG. Conducting of policy gap analysis and preparing of relevant proposed policies to promote EE in PNG. 					UNDP, CCDA	63100	International FTA	100,000.00
			x	x	x		71200	International Consultant	100,000.00
SUB TOTAL Activity Result 1									200,000.00
Output 1: Facilitate Renewable Energy & Energy Efficiency Applications for Greenhouse Gas Emission Reduction (FREAGER) Baseline: 0	Activity Result 2: Application of Renewable Energy and Energy Efficiency Technologies Activity: Assessment of Capacity, Standards and Technology for Renewable					UNDP, CEPA	71400	Contractual Services- Individual	100,000.00
							71600	Travel	4,000.00
					x		72100	Contractual Services- Companies	218,200.00
							72200	Equipment & Furniture	13,800.00

<p>Indicators: Number of cases of high quality renewable energy mini-grid systems and energy efficiency systems achieved at low end international costs benchmarks.</p> <p>Targets:</p> <ul style="list-style-type: none"> Report on Renewable Energy and Energy Efficiency Capacity Needs Assessments Demonstration of solar PV mini-grid systems 	<p>Energy and Energy Efficiency in Papua New Guinea</p> <p>Action:</p> <ul style="list-style-type: none"> Analysis of technical capacity for costing, sourcing and technical aspects of implementing solar PV mini-grid systems Analysis of technical capacity for costing, sourcing and technical aspects of implementing micro and/or mini-hydro grid systems Pilot of solar PV mini-grid systems 	<p>75700</p>	<p>Training/Workshops</p>	<p>26,938.00</p>
<p>SUB TOTAL Activity Result 2</p>				<p>301,938.00</p>
<p>Output 1: Facilitate Renewable Energy & Energy Efficiency Applications for Greenhouse Gas Emission Reduction (FREAGER)</p> <p>Baseline:</p> <p>Indicators:</p> <p>Targets:</p>	<p>Activity Result 3: Financing for Renewable Energy and Energy Efficiency Projects</p> <p>Activity:</p> <p>Action:</p>			
<p>SUB TOTAL Activity Result 3</p>				

<p>Output 1: Facilitate Renewable Energy & Energy Efficiency Applications for Greenhouse Gas Emission Reduction (FREAGER)</p> <p>Baseline:</p> <p>Indicators:</p> <p>Targets:</p>	<p>Activity Result 4: Enhance Awareness on Energy Development</p> <p>Activity:</p> <p>Action:</p>				
SUB TOTAL Activity Result 4					
<p>Output 1: Facilitate Renewable Energy & Energy Efficiency Applications for Greenhouse Gas Emission Reduction (FREAGER)</p> <p>Baseline:</p> <p>Indicators:</p> <p>Targets:</p>	<p>Activity Result 5: Project Management Unit</p> <p>Activity: Support Project Management and Coordination</p> <p>Action:</p> <ul style="list-style-type: none"> Establish Project Management Unit Project Inception Phase 				
SUB TOTAL Activity 5					
GRAND TOTAL					
				<p>Contractual Individual Services- 25,000.00</p> <p>Supplies 1,289.51</p> <p>Direct Project Costs 16,010.00</p>	<p>71400</p> <p>72500</p> <p>74596</p> <p>42,300.00</p> <p>544,238.00</p>