

2nd Meeting of the PCREEE Steering Committee

Technical Aspects of the PCREEE



Austrian
Development Cooperation

Prepared by Mr. Solomon Fifita, Manager - PCREEE

2018 Work Plan and Budget

- Allocate by activities under each Output and Outcome
- Presented in Euros
- Co-funding partners are stated
- Level of con-funding is not quantified
- Mindful of other initiatives going on in the region, e.g WB/PPA Sustainable Energy Industry Development Project & the ADB Pacific RE investment Facility

Outcome 1: Enhanced regional institutional capacities through the **creation** of the efficiently managed and financially sustainable Pacific Centre for Renewable Energy and Energy Efficiency (PCREEE)

Key activities:

Heavy duty printer /scanner

Signage

Total of 8.5k.

3 staff – 130k

SC – 15k

Resource mobilisation – 20k

Assist in the development of regional funding proposals: the GCF PPF on EE in appliance labelling and standards, start the drafting and consultations on the regional EE in land transport proposal and a regional GEF-7 proposal on promoting sustainable energy entrepreneurship

Outcome 2: Strengthened capacities of local key institutions and stakeholder groups through the up-scaling and replication of certified **training and applied research** programs and mechanisms

1. National consultation workshops – 5k
2. Support to the PAcTVET and CIEMAT – 2 k each
3. Organize national training workshops on RE&EE business development and start-ups and contract management in cooperation with local Chambers of Commerce, government agencies and the local industry – 20k
4. Sponsor 4 applied research at USP & UPNG – 8k

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List of Research Topics / Specific initiatives from the students in the area of “Renewable Energy” and “Energy Efficiency” can also be considered.

1. A technical and socio-economic evaluation of consideration either RE or EE or both in a PICT community / tourism industry or sector.
2. A feasibility study of a micro hydropower project in a community in Melanesia
3. Assessing the impacts of introducing biofuel blends for reducing public transport fuel consumption
4. The mobilisation of Ocean Thermal Energy Conversion Technologies (OTEC) for power supply in PICTs including the utilisation of by products of the project
5. Assessing the economics of and potential for, methane recovery and power generation from sewage and agricultural wastes at household / community level in the PICT.
6. Comparison of options for sustainable water desalination in small island states - Solar PV vs. Cogeneration
7. Assessing the current fuel consumption of domestic commercial shipping vessels in the Pacific and exploring RE applicable options for PICTs.
8. Identifying the true cost of diesel generated power in a remote community of a PICT
9. The socio-economic impacts of the heavy reliance on fossil fuel in a PICT.
10. Reducing Fuel consumption in the transport sector and addressing the traffic jams in specific PICTs.
11. Costing options for energy efficient street lighting in a PICT capital
12. Use of RE & EE for productive uses. A Case Study either in the agriculture, tourism, fishery, manufacturing or creative industry.

Outcome 3: The awareness and knowledge base of local key institutions and stakeholder groups on RE&EE are strengthened

1. Workshop with IEA – 3k
2. Support to the ESCAP's “ evidence-based policies for the sustainable use of energy resources in the Asia-Pacific Region project ” under its Development Account for 5 PICs – 5k
3. Jointly conduct a RE conferences with UPNG and other partners (e.g SIDS Dock IWON) and strengthen women participation and gender content of the conference – 10k

Outcome 4: Increased RE&EE business opportunities for local companies and industry through the development and implementation of regional **investment promotion** programs and tailored financial schemes

1. Support the 3rd Pacific Islands Energy Investors Forum, spearheaded by the PRIF during the PPA Conference at Palau, August 2018 – 10k
2. Technical assistance to the establishment of national sustainable energy associations, particularly in PNG and Fiji – 10k
3. Technical assistance and support to the establishment of new businesses in sustainable energy and support to existing businesses – 50k
4. Contribute to the Koreans mini-grid study – 5k
5. PM fees [15%] – 46k
6. Total for 2018 – 356,270

2018 Budget Analysis

Grouping into Budget Lines	2018 Budget				
Personnel	130,000	36%	M-PCREEE, PSE & AA		
Equipment	9,000	3%	Printer, signage & website maintenance		
Travel	3,000	1%	Rep PCREEE in int events		
Workshops and meetings	35,000	10%	SC 3, PNG RE Conf & PRIF Invest Forum		
Operations	132,800	37%	Res Mob, Partnerships, Research, CB & targetted P/Sector support		
PM Fees	46,470	13%	Mandatory SPC policy		
Total	356,270	100%			

2018 Budget Analysis

Grouping into functional areas	2018 Budget			
Centre Admin & Governance	92,800	26%	50% staff time, office equip, SC3 & travel	
Resource Mobilisation	23,000	6%	G-SEN, GCF EE PPF, Land Transport & GEF-7	
Partnerships /Joint events	34,000	10%	PacTVET, IEA, ESCAP, UPNG, PRIF, CIEMAT & Korea	
Targetted Private Sector activities	160,000	45%	50% staff time, data, research, national workshops & TA to business start ups and existing businesses	
PM Fees	46,470	13%	Mandatory SPC policy	
Total	356 270	100%		

Recommendations

- Welcome inputs to further elaborate on applied research topics related to the private sector
- Welcome inputs to further elaborate on the technical assistance and support to the establishment of new businesses in sustainable energy and support to existing businesses
- Welcome indication of interests in the national training workshops on RE&EE business development and start-ups and contract management in cooperation with local Chambers of Commerce, government agencies and the local industry
- Welcome comments on the PCREEE's resource mobilisation effort
- Welcome the private-sector focussed work plan and budget for 2018
- Endorsed the PCREEE 2018 WP & B

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