



Sustainable Energy for All Project

Annual Work-plan

2017

United Nations Development Programme (UNDP)

&

Government of Lesotho

Annual Work-plan: January – December 2017

Project Title	Development of Cornerstone Public Policies and Institutional Capacities to accelerate Sustainable Energy for All (SE4All) Progress.
UNDAF Outcome(s)	Outcome 2: By 2017 Lesotho adopts environmental management practices that promote a low-carbon, climate-resilient economy and society, sustainably manages natural resources and reduces vulnerability to disasters.
UNDP Strategic Plan Primary Outcome	Outcome 5: Countries are able to reduce the likelihood of conflict, and lower the risk of natural disasters, including from climate change
UNDP Strategic Plan Secondary Outcome	Outcome 1: Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded.
Expected CP Outcomes	Outcome 2: By 2017, Lesotho adopts environmental management practices that promote a low-carbon, climate-resilient economy and society, sustainably manages natural resources and reduces vulnerability to disasters.
Expected CPAP Outputs	(i) Number of national/sectoral policies and strategies that promote low-carbon, climate-resilient economy and society; (ii) Number of national/sectoral policies that promote conservation of natural resources; and (iii) Number of local communities that implement disaster risk reduction measures.
Executing Entity/Implementing Partner	Ministry of Energy and Meteorology (MEM).
Implementing Entity/Responsible Partners	United Nations Development Programme (UNDP).


Brief Description

To catalyse investments in renewable energy-based mini-grids and Energy Centres to reduce GHG emissions and contribute to the achievement of Lesotho’s Vision 2020 and SE4All goals. It will do so by leveraging \$22,767,837 in multilateral and private sector financing over the project/immediate post-project implementation period. Over the same period, 60 villages will be energised through the utilisation of renewable energy technologies and 20 Energy Centres will be established to each service at least 5 surrounding villages. Energisation of the 60 villages and establishment of the 20 Energy Centres villages will result in a total of 213,680 tonnes of CO₂ being abated during the project/immediate post-project period, resulting in a direct abatement cost of \$ 16/tonne of CO₂. The project will achieve this target by introducing a conducive regulatory framework and by establishing a financial support scheme that together will facilitate private sector participation in village energisation

Programme Period:	2016 - 2021
Atlas Award ID:	00082649
Project ID:	00091460
PIMS #	5367
Start date:	August 2016
End Date:	July 2021
Management Arrangements:	NIM
PAC Meeting Date:	

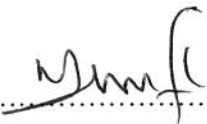
Total resources required (total project funds)	\$ 22,767,837
Regular (UNDP TRAC)	\$400,000
GEF	\$3,500,000
*Other (partner managed sources)	
• Private Sector (Cash - Bethel)	\$2,000,000
• Private Sector (in-kind -LSES)	500,000
• Government (Cash & in-kind)	\$8,467,837
• European Union	\$7,900,000

Executing Entity/Implementing Partner: Ministry of Energy and Meteorology (MEM)

Signature 



Implementing Entity/Responsible Partners: United Nations Development Programme (UNDP)

Signature  CHRISTY AVENKOR



*Other (partner managed sources) – Implies to funds managed by other partners (private sector, Government and EU) to implement SE4All-related activities.

EXPECTED OUTPUTS (Including Monitoring and Project Management)	Key Activities <i>List all the activities to be undertaken during the year towards stated output</i>	IRRF/CPD Output Indicator # (Reference)	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
			Q1	Q2	Q3	Q4		Source of Funds	Budget Description	Amount (USD)
Project Outcome 1: SE4All cornerstone policies and strategies facilitating (increased) investment in RET deployment, particularly in isolated mini-grids.										
Output 1.1: Developed and approved SE4ALL Country Action Agenda (CAA) following extensive stakeholder consultation Indicator - Existence of Country Action Agenda. Means of verification - Project documentation	1.1.1. Recruit consultant to develop regulatory framework that will encourage private sector to invest in renewable energy-based rural energy services (e.g. regulation that protects investors, guarantees fair compensation when the national grid arrives, land acquisition, tariffs)	IRRF #1.4.2 CPD Outcome 34 (1)	x	x	x	x	Project Manager/MEM	GEF	-	20,000
	1.1.2 Recruit consultant to develop CAA		x	x			Project Manager	GEF	71200	20,000
Output 1.2: Approved/adopted SE4All Investment Prospectus (IP), following extensive stakeholder consultations Indicator: Existence of Investment Prospectus	1.2.1 Develop IP that provides an approach to operationalise the CAA (same consultant as in output 1.1 above)	IRRF #1.4.2 CPD Outcome 34 (1)		x			Project Manager	GEF	71200	10,000

Project Outcome 2: Improved capacity of energy stakeholders and government officials for decentralized clean energy planning and decision-making on the basis of quality energy data.

<p>Output 2.1: National survey conducted on energy supply, consumption and demand, disaggregated by sector, district and application.</p> <p>Indicator: Completion of national energy survey.</p> <p>Means of verification: Published documents.</p>	<p>2.1.1 Recruit a consultant to undertake national energy survey in consultation with BOS</p> <p>Sub-activities:</p> <ul style="list-style-type: none"> • Identify economic Sectors (eg households, Mining, agric, health etc) • Design tabulation plan • Conduct data collection tools training workshop • Develop & reproduce questionnaires, manuals • Conduct training of trainers • Engage data enumerators, train on data collection • Procure data collection equipment and material • Collect data <ul style="list-style-type: none"> • Data capturing & cleaning 	<p>IRRRF #1.4.2, 1.5.1 CPD Outcome 34 (1)</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>Project Manager</p>	<p>GEF</p>	<p>71200</p>	<p>154,500</p>
<p>Output 2.2: Energy database and information system established for data collected under Output 2.1 above, with clear responsibilities agreed to as regards regular monitoring and annual publication of</p>	<p>2.2.1 Develop energy database and information system for data collected under output 2.1 (same consultant as output 2.1 above)</p> <p>2.2.2 Conduct training for DOE & BOS on database management</p>	<p>IRRRF #1.4.2, 1.5.1 CPD Outcome 34 (1)</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>Project Manager/ MEM</p>	<p>GEF</p>	<p>71200</p>	<p>15,000</p>
							<p>Project Manager/MEM</p>	<p>GEF</p>	<p>71200</p>	<p>2,500</p>

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indicators (between DoE and BoS). Indicators: Existence of energy database and information system Means of verification Project reports	2.2.3 Explore & test different energy models suitable for Lesotho				x		Project Manager/Consultant	GEF	71200	-
	2.2.4 Chief Technical Advisor				x	x	Project Manager	GEF	71200	20,000
Total										
Project Outcome 3: Successful establishment of a village-based energy service delivery model for replication nationally.										
Output 3.1: Completed pre-feasibility studies for mini-grids in 20 village communities, spanning 5 of Lesotho's 10 districts. Indicator: Pre-feasibility studies completed. Means of verification: Project reports.	3.1.1 Recruit a consultant to undertake pre-feasibility study in 20 villages in the 5 districts				x	x	Project Manager	GEF	71200	50,000
	3.1.2 Recruit consultant to establish FSS					x	Project Manager	GEF	71200	20,000
	3.1.3 Chief Technical Advisor					x	Project Manager	GEF	71200	20,000

