

Responsible Officer: Director of Renewable Energy
Department: Renewable Energy

Ministry of Energy & Petroleum/UNDP-ECCU Kenya, Joint
Programme

JANUARY-JUNE 2014 ANNUAL WORK PLAN

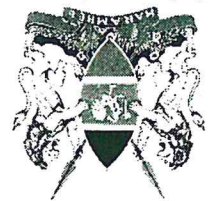
PROGRAMME CODE: 4KEN10401
No: 00073921

ACCESS TO CLEAN ENERGY SERVICES PROGRAMME (ACESP)

Empowering Lives
Resilient People



Ministry of Energy
& Petroleum



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*UNDP Kenya
7 January 2013*

Date: December, 2013

UNDP-Kenya

Deputy Country Director

Mr. Alfredo Teixeira

Agreed by: *[Signature]* (CD)

Date: ^{18th} December, 2013

Ministry of Energy & Petroleum

Principal Secretary

Eng. Joseph K. Njoroge, MBS

Agreed by: *[Signature]*

<p>January-June 2014 AWP budget</p> <p>Total resource required: US Dollar 361,905</p> <p>Total Allocated resources: US Dollar 100,000</p> <p>Regular: US Dollar 100,000</p> <p>Other: NA</p> <p>Unfunded budget: 261,905</p>	<p>Project period: 2010 - 2014</p> <p>Key results area (strategic plan): Energy and Environment</p> <p>Start Date: July 2010</p> <p>End date: July 2014</p> <p>PAC meeting date: February, 2013</p> <p>Management arrangements: NEX</p>
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Project summary:

<p>Brief Description</p> <p>Access to affordable and quality energy services is central to sustainable development and poverty reduction efforts. Energy affects all aspects of human and national development i.e. social, economic, and environmental including improving livelihoods, access to clean water, increased land and agricultural productivity, better health, population growth, quality of education, and improving gender related issues. Although there is no specific MDG on access to energy, all MDGs will be enhanced with increased access to equitable and sustainable energy services. None of the Millennium Development Goals can be met without major improvement in the quality and quantity of energy. Furthermore, access to adequate and affordable energy services is a critical factor of poverty reduction through inter alia, diversifying opportunities for human development, expanding options and choices for livelihood activities, job creation and wealth generation. It contributes to promoting gender equity; improving access to modern and more versatile forms of household energy for cooking and heating and reducing drugdgerly particularly on the girl child and women. Furthermore, access to electricity will complement free primary education since pupils will be able to extend study hours in a day. National health and well-being will improve if all dispensaries and health centres have access to electricity for preservation of medicine and extension of medical services to night time especially in rural areas. Food can also be preserved for a long time. On the other hand energy for productive end uses is critical in increasing overall productivity. Clean sustainable energy services will also contribute to a better environment with less deforestation and reduced indoor air pollution associated with the use of unclean energy forms.</p>
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EXPECTED CP OUTPUTS

: Output 3.2.2 production and access to affordable clean and sustainable energy services enhanced and upscaled

CPAP EXPECTED OUTCOME

: Outcome 3.2.2. Sustainable energy services at all levels promoted

UNDAF OUTCOMES

: Outcome 3.2. Enhance environmental management for economic growth and equitable access to energy services and response to climate change.

Atlas Activity/Expected output and indicators	PLANNED ACTIVITIES		TIMEFRAME		IMPLEMENTING PARTNERS	PLANNED BUDGET	
	List all the activities including M&E to be undertaken during the quarter towards stated outputs	Specific activities	Q3	Q4		Sources of Fund	Budget Description
Output 1: Improved living conditions of biomass users at household level by promoting people to move up the energy ladder, increased access to more intensive energy systems and conservation of national biodiversity by reducing pressure from vegetative biomass resource while sustaining social economic being of the country. Baseline: -80% of rural households rely on wood fuel and 78% of rural population use inefficient stoves.	Sustainable Wood Fuel Devt. 1.1.3: Documentation on cookstoves in Kenya in form of a book	1. Collection of literature materials available on cookstoves in Kenya 2. Reviewing literature materials collected on cookstoves 3. Compiling the document 4. Circulating the document to stakeholders 5. Holding stakeholders' workshop 6. Printing 7. Uploading the document on MoE&P and UNDP website	X	X	MOEP, UNDP, UON, KEBS, ERC	MISC, PERLOC	11,905
			X	X			

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Atlas Activity/Expected output and indicators		PLANNED ACTIVITIES		TIMEFRAME		IMPLEMENTING PARTNERS	PLANNED BUDGET		
		List all the activities including M&E to be undertaken during the quarter towards stated outputs	Specific activities	Q3	Q4		Sources of Funds	Budget Description	Amount in US Dollar
Output 2: Increase access to modern energy services by institution and facilities for productive use Baseline: Rural electrification master plan was launched in May 2009 Feasibility studies for generating power from 12 sites completed. Indicators: A 1% increase in number of production units for clean renewable energy sources		2.3 Small Hydropower stations							
	2.3.1: Development of standards for installation of small hydro power	1. Reviewing of the zero draft the working groups 2. Presentation of the zero draft to stakeholders 3. Drafting the first draft to incorporate the stakeholders' views	X X	X		MOEP, UNDP, KEBS, UON, Consultancy			17,858
Output 3: Capacity Building Baseline: The personnel scheme of service at M.O.E was reviewed		3.1: Solar PV/Wind Technology							
	3.2.2 Support solar capacity building in technical training institution	-Training of trainers -Provision of training materials	X	X		MOEP, UNDP Consultant			11,905



Atlas Activity/Expected output and indicators	PLANNED ACTIVITIES		TIMEFRAME		IMPLEMENTING PARTNERS	PLANNED BUDGET		
	List all the activities including M&E to be undertaken during the quarter towards stated outputs	Specific activities	Q3	Q4		Sources of Funds	Budget Description	Amount in US Dollars
Output 4: Sustainable Energy For All initiative country process (SE4ALL)	Supporting country process (National Action Plans & Programmes) of sustainable energy for all initiative(SE4ALL)	1. Development of nationally tailored goals 2. Development of portfolio of investment national and regional programmes 3. Capacity building	X		MOEP, UNDP, consultant	TRAC		35,715
Output 5: Programme Management.	Administrative and other support costs	1. Salary 2. Project supervision 3. Office ware maintenance, purchase of equipments and tools 3. Workshop	X X	X X	MOEP, UNDP	TRAC		22,617
TOTAL BUDGET								100,000

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KEY RESULT AREAS

Key Result Area	Baseline	Indicators	Means of Verification (Targets 2013)
1. A document on improved cookstoves in form of a book produced and a soft uploaded on MoE&P and UNDP website	<ul style="list-style-type: none"> ➤ Various cooking stoves available on the market ➤ University of Nairobi has tested performance of various of cookstoves ➤ Standards of KCJ cookstoves reviewed ➤ Legislation on mandatory use of improved institutional cookstoves for both public and private institutions 	<ul style="list-style-type: none"> • No. of reviews on the document 	<ul style="list-style-type: none"> • Reports on the process of documentation • A document in soft and hard copy form • Document uploaded on the MoE&P and UNDP websites
2. Capacity building for Solar PV in technical training institute	<ul style="list-style-type: none"> ➤ Training curriculum for T1 and T2 available ➤ Solar PV training manuals available ➤ A number of tutors in technical training institute and artisans trained on Solar PV 	<ul style="list-style-type: none"> • No. of technical training institute whose capacity has been built in Solar PV • No. of tutors trained 	<ul style="list-style-type: none"> • Reports on training of trainers, artisans and institutions whose capacity has been built
3. Development of standards for micro hydropower	<ul style="list-style-type: none"> ➤ Ministry of Energy entrusted KEBS with development of standards for small hydropower schemes in 2002 but the activity stalled along the way due to constraints in the resources available. ➤ UNDP and MOE restarted the process of development of standards for SHP. 	<ul style="list-style-type: none"> • No. of technical committee workshops for experts • No. of workshops with stakeholders in small hydro power schemes 	<ul style="list-style-type: none"> • Reports on technical committee meetings and stakeholders' workshops • Developed document of standards for the small hydropower station
4. Devt. National Action Plans/ Programs for SE4ALL	<ul style="list-style-type: none"> ➤ Stock-taking and gap analysis document completed ➤ Government documents on energy issues 	<ul style="list-style-type: none"> • No. of workshops held 	<ul style="list-style-type: none"> • Workshop reports • Draft document of the national actions plans/programs

Implementing partner: Ministry of Energy & Petroleum

Approved by Donor: UNDP/EECCU

Signature: 

Eng. Joseph K. Njoroge, MBS

Principal Secretary

Date: 18th December, 2013



Signature:

Alfredo Teixeira

Deputy Country Director

Date: _____ December, 2013