

# Environment Project



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## PROJECT SUMMARY

### FEDERAL LEVEL AND NEWLY ESTABLISHED AUTONOMOUS STATES:

UNDP continued to play a prominent role in the Peace and Statebuilding Goal 4 Working Group on Economic Foundations. The flagship initiative on natural resource management took the form of a UN Joint Programme on Sustainable Charcoal Production and Alternative Livelihoods. The Joint Programme will involve UNEP and FAO and is in response to the UN Security Council resolution 2036 (2012) that seeks international cooperation to ban illegal exports of Charcoal from Somalia and promote alternative sources of energy and livelihoods.

Formal approval was secured for the USD 8.0 million project titled: "Enhancing the Climate Resilience of Vulnerable Communities and Ecosystems" by the Global Environment Facility (GEF)/Least Developed Countries Climate Fund (LDCF). This is the first ever project of this scale to be implemented in Somalia. Two additional pipeline projects developed to mobilise USD 12.0 million from GEF.

25 KVA Solar Energy System installed at Baidoa hospital. On average the hospital will serve 17,000 patients annually.

### PUNTLAND:

Solar energy equipments installed in Garowe and Galkayo hospitals. The systems have the capacity of 25 KVA each and would meet 90% of the total energy demand of the hospitals. The solar system is backed up with the local utility and diesel generators. The system will improve access to reliable sources of energy for the hospital and would have major lives and cost savings.

Puntland Environment Conference held in April 2014. Key priorities recommended by conference participants are: a) Introduction of environmental education; b) Implementation of Community based initiatives on natural resources management; c) Validation of environment and disasters management policies through public debates; d) Introduction of alternative sources of energy to combat degradation due to charcoal use. The recommendations of the Conference translated into "Puntland Environment Policy - PEP". PEP approved by the Parliament and President in December 2014.

### SOMALILAND:

Somaliland specific adaptation to climate change activities finalized and included in the project to be implemented with the funding from Global Environment Facility (GEF).

UNDP supported Environment Sector Coordination platform was made fully functional. This platform took on its agenda to deal with the challenges around illegal enclosures, using invasive species for charcoal production, disaster response and institutional mapping of organisations with activities for environment improvement.

Capacity building for improved disasters risks mitigation of the Somaliland institutions initiated, in partnership with the National Environment Research and Disasters Management Authority (NERAD). Solar Energy Systems installed and commissioned in public buildings across Somaliland for improved access to reliable sources of energy.

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**PROJECT:**  
Environment Project

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**PROGRAMME:**  
Poverty Reduction & Environment  
Protection

**REPORT PERIOD:**  
1 January to 31 December 2014

**DATE SUBMITTED:**  
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**STATUS:**  
Final

**DONORS:**  
UNDP TRAC  
Japan  
GEF

## CONTEXTUAL ANALYSIS

### FEDERAL LEVEL

The recent change of the Prime Minister of Somalia and expected new Federal Cabinet may impact the pace of UNDP's on-going activities under the environment portfolio. UNDP/GEF Climate Resilience Project is in its inception phase. It is critical to have the GEF focal point in the Federal Government fully involved for smooth start of the project. This shall require close interaction of the Federal Government with the regional governments. UNDP will continue to support Federal Government in mobilizing funding for the National Capacity Self-Assessment (NCSA), Integrated Water Resources Management, formulation of Initial Communication on Climate Change and preparing the National Action Plan to Combat Desertification. UN Joint Programme on Sustainable Charcoal Production and Use is being considered for entry into pipeline of Somali Development and Reconstruction Fund. The component projects under the environment portfolio were aligned to the UN's Integrated Strategic Framework (ISF).

### PUNTLAND

The Puntland State Ministry of Environment, Wildlife and Tourism got the approval of the Puntland Environment Policy (PEP) from the Parliament and the President. The PEP provides a comprehensive framework for stand-alone environment actions as well as environment mainstreaming across other thematic areas. UNDP supported the consultations to establish the policy framework and later got involved in the substantive review of the draft document. PEP areas of focus include: a) Protection of rangelands and forest resources; b) Conservation of wildlife and biodiversity; c) Alternative energy development; d) Mining and petroleum; e) Climate change and disaster management; f) Waste management and environmental sanitation; g) Environmental education and awareness; h) Environmental impact assessment and land tenure. Solar energy systems in public buildings were fully commissioned in the last quarter of 2014. The solar systems in hospitals have been highly acknowledged by the State authorities.

### SOMALILAND

The Somaliland Ministry of Environment and Rural Development (MoE&RD) has strengthened its regional presence for enforcement of environment policy and monitor actions that have negative impacts for the environment. The key areas of focus for the Ministry include: a) providing alternative sources to charcoal; b) environmental awareness campaigns; c) climate change adaptation; and, d) solid waste management. Inclusion of Environment as one of the five pillars of National Development Plan is helping in better implementation of environment projects as well as mainstreaming of environment across other sectors. UNDP supported Environment Sector Coordination platform took on its agenda to deal with the challenges around illegal enclosures, promoting use of invasive species for charcoal production, disaster response and institutional mapping of organisations with activities for environment improvement. Somaliland Government has acknowledged UNDP for helping in better access to energy.

## RESULTS

SL	Indicator	3.3.1.2 Number of sector plans developed that are disaster and environment sensitive	G
	Result	2 - Environment Policy and 5 Year Development Plan reviewed during the formulation of the project document on climate change adaptation. Activities level details worked out to address the gaps in the existing policy and the 5 year development plan.	
	Comment		
SL	Indicator	3.3.2.1 Number of communities and beneficiaries using alternative and renewable energy sources	G
	Result	Burao hospital equipped with 25KVA solar energy system. The system meets 80% of the electricity demand of the hospital.	
	Comment	On average 15,000 patients in Burao hospital benefit annually from the solar energy based electricity supply systems. The system was made fully operational and local technicians trained in operation and maintenance of the system.	
PL	Indicator	3.3.1.2 Number of sector plans developed that are disaster and environment sensitive	G
	Result	1 - The Puntland Environment Policy (PEP) approved by the Parliament and the President.	
	Comment		
PL	Indicator	3.3.2.1 Number of communities and beneficiaries using alternative and renewable energy sources	G
	Result	Garowe and Galkayo hospitals equipped with 25KVA solar energy systems at each location. The systems meet 60% of electricity requirements at the two hospitals.	
	Comment	On average 22,000 patients in Garowe and Galkayo hospitals will benefit annually from the solar energy based electricity supply systems. 80% of the electricity needs of the two hospitals being met from the solar energy based systems.	
FL	Indicator	3.3.1.2 Number of sector plans developed that are disaster and environment sensitive	G
	Result	3 Vulnerability and impact assessments finalized with different climate change scenarios for the key sectors and population groups. Implementation of adaptation activities will be initiated after the approval of the national programme on adaptation by Global Environment Facility (GEF).	
	Comment	In 2015, the project intends to have two policies and planning frameworks (Environment Policy and 5 year Development Plan) reviewed to mainstream climate change adaptation across sectors.	
FL	Indicator	3.3.2.1 Number of communities and beneficiaries using alternative and renewable energy sources	G
	Result	Baidoa hospital equipped with 25KVA solar energy system. The system meets 100% of the electricity demand of the hospital.	
	Comment	On average 17,000 patients in Baidoa hospital will benefit annually from the solar energy based electricity supply systems. On monthly averages basis, 80-100% of the electricity needs of the hospital will be met from the solar energy based system.	
FL	Indicator	3.2.1.1 Number of policies, legal and institutional frameworks revised, updated and/or formulated for inclusive growth	Y
	Result	2 - Draft National Environment Policy and Action Plan completed. The finalization of the Policy and Action Plan delayed due to the frequent changes in the federal institutional set-up dealing with environment. The awareness campaigns also got effected due to the same reason.	
	Comment		

## RESULTS

SL	Indicator	Strengthen the capacity of Ministry of Environment in sector coordination and monitoring.	G
	Result	Sector coordination institutionalised within the government of Somaliland. Ministry of Environment takes lead in sector coordination.	
	Comment	UNDP supported Environment Sector Coordination platform is fully functional. This platform took on its agenda to deal with the challenges around illegal enclosures, using invasive species for charcoal production, disaster response and institutional mapping of organisations.	
SL	Indicator	Early Warning Systems (EWSs) for disasters monitoring and preparedness established across all regions of Somaliland.	Y
	Result	Somaliland institutions and local communities have required capacities to effectively use EWSs.	
	Comment	New project signed with National Disaster Management Authority (NERAD) for strengthening of EWSs. Activities to continue in 2015.	
PL	Indicator	3 Maternal Child Health Centers (MCHs) equipped with solar energy systems and freezers.	G
	Result	Solar energy systems installed in 1 MCH. However, in total 3 public buildings covered. The locations had to be changed from 2 MCHs to other buildings on government's request.	
	Comment		
FL	Indicator	Meet the commitments of Somalia, as a signatory to UN Framework Convention on Climate Change (UNFCCC)	G
	Result	National Report on Greenhouse Gas Emissions initiated for the UN Framework Convention on Climate Change (UNFCCC)	
	Comment	UNDP taking the lead with UNEP to help Somalia in the preparation of National Report.	
FL	Indicator	In collaboration with relevant ministries and participating UN agencies, enhance regional cooperation, promote alternative sources of energy and expand the livelihoods opportunities for the charcoal value chain beneficiaries	R
	Result	Activities leading to this result could not be implemented due to the lack of funds. Alliances and partnerships built at the regional level to curb the illegal trade and provide alternative to charcoal.	
	Comment		

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### ACTIVITY HIGHLIGHTS

#### FEDERAL LEVEL

UNDP continued to play a prominent role in the Peace and State-building Goal 4 Working Group on Economic Foundations. The flagship initiative on natural resource management will take the form of a UN Joint Programme on Sustainable Charcoal Production and Alternative Livelihoods. The Joint Programme will be discussed further in the Working Group during 1st quarter of 2015.

Secured the approval of project document for the project titled: "Enhancing the Climate Resilience of Vulnerable Communities and Ecosystems" from the Global Environment Facility (GEF)/Least Developed Countries Climate Fund (LDCF). 25 KVA solar system fully operation in Baidoa hospital.

#### PUNTLAND

Solar energy systems fully operational in Garowe and Galkayo hospitals. The systems have the capacity of 25 KVA each and are meeting 90% of the total energy demand of the hospitals. The solar systems are backed up with the local utility and diesel generators. The system will improve access to reliable sources of energy for the hospital and would have major lives and cost savings.

Puntland specific adaptation to climate change activities approved under project to be implemented with the funding from Global Environment Facility (GEF).

Puntland Environment Policy (PEP) approved by the Parliament and the President.

#### SOMALILAND

Somaliland specific adaptation to climate change activities approved and included in the project to be implemented with the funding from Global Environment Facility (GEF).

UNDP supported Environment Sector Coordination platform was made fully functional during the quarter. This platform took on its agenda to deal with the challenges around illegal enclosures, using invasive species for charcoal production, disaster response and institutional mapping of organisations with activities for environment improvement.

Solar energy systems operational in Garowe hospital, MCHs and other public buildings in Somaliland.

### PARTNERSHIPS

#### EXTERNAL PARTNERS:

1. Federal Government of Somalia, to access environment financing from global funds, such as, Global Environment Facility (GEF).
2. Government ministries and local communities for the implementation of projects for environment management, energy efficiency, renewable energy and disaster risks reduction.
3. United Nations Environment Programme (UNEP) and FAO to partner for the implementation of sustainable alternatives to Charcoal Trade and Use.
4. Least Developed Countries Climate Fund (LDCF) to fund preparation and implementation of National Adaptation Plan of Action (NAPA) in response to Climate Change for Somalia.
5. Government of Japan for the promotion of Alternative Sources of Energy (solar in particular) in hospitals and other public buildings in Somalia.
6. African Development Bank (AfDB) for adaptation to climate change.
7. International Renewable Energy Agency (IRENA) for energy sector gap analysis.

#### INTERNAL PARTNERS:

Gender Unit for mainstreaming gender in environment portfolio. Police project for providing energy solutions for the police stations.

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### PEACE AND CONFLICT

Risk mitigation against conflicts is an integral part of all project implementation activities. The environment project works within the UNDP's peace and development framework to highlight potential risks of conflict and opportunities for peace building. All new initiatives to be implemented under the project are reviewed to ensure that conflict prevention and peace building elements are fully integrated at the design and work planning stages.

### GENDER

Gender mainstreaming and women's empowerment are critical to the sustainability of initiatives aimed at improving environmental management. It is widely recognized that women are the natural resource managers in developing countries, as they carry the responsibility of harnessing natural resources to meet the basic needs of families.

More specifically, the Environment project is providing alternative energy to hospitals which service at least 27,000 women annually. In addition, it is set to provide energy to Maternal and Child health centers.

### UPCOMING QUARTER

1. Finalization of 2015 Work Plans.
2. Start implementation of recently approved project document for Climate Change Adaptation.
3. Secure approval for the preparatory phase of second Climate Change Project and National Capacity Self Assessment.
4. Complete scoping study for national communication on climate change.

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## REFLECTIONS / LESSONS

Weak institutional structures, and fragile political and security conditions in Somalia prove to be obstacles to the implementation of environment related activities. Although the Environment project has been able to successfully position UNDP to assist FGS in taking the environment agenda forward, the political changes negatively impact the progress towards lasting results. With a new federal set-up in place, efforts will be made to bring clarity and the anchoring of "environment" work in the new institutional structure.

Another challenge has been the omission of a number of flagship (fully-developed and approved) UN/Government joint programmes in the results matrix of the "New Deal Compact" and the the "Economic Recovery Plan" for Somalia. Both supra frameworks consider the unsustainable production and use of charcoal as the key driver causing depletion of economic assets in Somalia. However, both the Compact and ERP appear to have overlooked the UN/Government Joint Programme on Charcoal.

Though the Environment project has been successful in bringing Somalia on the canvas of the global environment financing, there is a need for joint understanding on the urgent need to tackle the environmental issues. The investments in better environmental management will have a direct impact on improving the security conditions and peace building in Somalia – where 80% of population is dependent on the natural resources assets. The commitment of traditional donors in material terms is essential to change the situation from a largely reactive humanitarian response to proactive development centered investments in Somalia.

<b>CUMULATIVE PROJECT FINANCIAL SUMMARY</b>	
APPROVED BUDGET	USD 1,411,744
TOTAL (DISBURSEMENTS + COMMITMENTS)	USD 884,526
BALANCE OF FUNDS	USD 527,218
% DELIVERY (AGAINST APPROVED BUDGET)	63%

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### LIST OF ACRONYMS USED

AfDB - African Development Bank  
CC – Climate Change  
DRM – Disasters Risk Management  
DRR – Disasters Risks Reduction  
ERP - Economic Recovery Plan  
EU – European Union  
FAO - Food and Agriculture Organisation  
FGS - Federal Government of Somalia  
FL - Federal Level  
GEF – Global Environment Facility  
IRENA - International Renewable Energy Agency  
LDCF – Least Developed Countries Fund  
LPG – Liquefied Petroleum Gas  
MDTF - Multi-donors Trust Fund  
NAPA – National Adaptation Programmes of Action in response to Climate Change  
PEP - Puntland Environment Policy  
PL - Puntland  
PREP – Poverty Reduction and Environment Protection Programme  
PSGs – Peace and Stabilization Goals  
SDRF - Somalia Development and Reconstruction Facility  
SE4All - Sustainable Energy for All  
SL - Somaliland  
UNCBD – United Nations Convention on Biodiversity  
UNCCD – United Nations Convention to Combat Desertification  
UNDP – United Nations Development Programme  
UNEP – United Nations Environment Programme  
UNFCCC – United Nations Framework Convention on Climate Change  
UNOCHA – United Nations Office for the Coordination of Humanitarian Affairs



**Annual 2014 Environment Project**

<b>Donor</b>	<b>TRAC</b>
<b>2014 Allocation from donor for 2014</b>	588,544
<b>2014 Allocation as % of AWP</b>	42%
<b>2014 Expenditure to date</b>	616,849
<b>Delivery %</b>	105%

<b>Donor</b>	<b>GEF</b>
<b>2014 Allocation from donor for 2014</b>	200,000
<b>2014 Allocation as % of AWP</b>	14 %
<b>2014 Expenditure to date</b>	198,862
<b>Delivery %</b>	99%

<b>Donor</b>	<b>Japan</b>
<b>2014 Allocation from donor for 2014</b>	68,818
<b>2014 Allocation as % of AWP</b>	5 %
<b>2014 Expenditure to date</b>	68,815
<b>Delivery %</b>	100 %