



Empowered Lives  
Resilient Nations

Atlas Award ID:

Atlas Project ID:

Project/Programme Title:

UNDAF Outcome:

81156

90575

Efficient Energy Production and Improved Cookstoves

PRSP Pillar 2 - Managing Natural Resources

Outcome A: By 2018, targeted Government institutions, the private sector, and local communities manage natural resources in a more equitable and sustainable way.

Outcome B: By 2018, communities within targeted districts demonstrate increased resilience to natural and man-made disasters.

Applicable Key Result Area:  
(from 2014-17 Strategic Plan)

CPAP Outcome:

CPAP Output(s):

Related CP Outcome:

• Sustainable productive capacity, renewable energy and climate change mitigation and adaptation (area of output 1)

• Natural resources management (NRM) and extractive industries (area of output 2)

• Disaster risk reduction, preparedness, response and recovery (area of output 3)

Outcome 6: Policy and legal framework, and institutional arrangements for managing natural resources and addressing climate change, disaster, and environmental management strengthened.

Output 6.1: Policies, legal and institutional framework for managing natural resources improved.

Output 6.2: Increased resilience and enhanced national and local capacities for disaster risk management, environmental governance, climate change adaptation and mitigation for effective early warning system.

Policy framework and institutional arrangements for managing natural resources and addressing climate change, disaster, and environmental management strengthened

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Expected Outputs And baseline, associated indicators and annual targets	Planned Activities List activity results and associated actions	Timeframe				Responsible Party	Funding Source	Planned Budget UNDP TRAC		Note	
		Q1	Q2	Q3	Q4			Budget Description	Amount (USD)		
Outcome 1: Strengthened institutional capacity on biomass resource utilization at the national, regional and community level. Operational effective policy, legal, and regulatory frameworks and review mechanisms on biomass energy technology applications  Baseline - 0 Standards certification for more efficiently produced charcoal and improved cookstoves - 0 Policy and legal framework that is supportive of BET applications and biomass energy business development 0 Cookstove and Charcoal Development Center (CCDC) established Indicator - No. of policies and legal frameworks that are supportive of BET applications and biomass energy business development approved and enforced by Year 3 - No. of standards and certification for more efficiently produced charcoal and improved cookstoves - No Cookstove and Charcoal Development Center (CCDC) established	1.1.1. Creation, establishment and operation of Research, Knowledge, Learning and Coordination	X	X	X		MOE	GEF	72100 (Service Contract)	30,000	A service contract can be established and set up of the centre by an external firm	
	1.1.3 Conduct training on efficient charcoal production and utilization.		X	X		MOE	GEF				
	1.1.4 Generating public sector buy-in through advocacy on co-benefits analysis and project impact		X	X	X		MOE	GEF			
	1.2.2. Support the government approval process of legal regulation and associated action plan		X	X	X		MOE	GEF	75700 (Advocacy meetings)	7,000	Development of legal regulations, popularisation and lobbying with law makers
	1.2.4. Development of legal regulatory frameworks on energy applications		X	X		MOE	GEF	71300 (Local consultant)	70,000		
	1.3.1 Select institution in which the CCDC will be located		X	X	X	MOE	GEF			- Request for design by the public can be sought for the improved cook stove	
	1.3.2. Organise 4 weeks training for staff from the CCDC		X					75700 (Training)	35,000		

Bm

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<p>- 0 grants given for the production of efficient charcoal cookstoves and kilns</p> <p>Indicator</p> <p>- No. of relevant private sector and/or local communities involved in biomass energy production and are linked with each other via a working mechanism for coordination by EOP</p> <p>- No. of grants given for the production of efficient charcoal cookstoves and kilns</p>	<p>Output 2.2</p> <p>2.2.2. Establishment of procedures, implementing arrangement, oversight and modalities for the implementation of start-up grant and end user rebate scheme</p> <p>2.2.3. Design and implementation of the loan risk guarantee funding scheme for entrepreneurs in the stoves/furnaces supply chain business</p>				x	MOE	GEF	72100 (Serv Contract)	150,000.00	Service contract with micro-finance firms (eg BRAC)
<p>Target</p> <p>- 2 private sector and/or 2 local communities involved in biomass energy production</p> <p>- 15 grants given for the production of efficient charcoal cookstoves and kilns</p>	<p>2.2.4. Implementation of financing schemes and incentives for demonstrated kilns and cookstoves applications &amp; services</p> <p>Output 2.3</p> <p>2.3.1. Identification of local fabricators, raw material suppliers and micro-entrepreneurs and their specific areas of involvement</p> <p>2.3.2. Investigation and formulation of appropriate procurement procedures, cost sharing schemes and market delivery</p>	x	x	x	x	MOE	GEF	71300 (local consultant)	15,000.00	

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<p>Output 2.4</p> <p>2.4.1. Identification of local producers/masons, raw material suppliers and micro-entrepreneurs</p> <p>2.4.2. Formulation of appropriate procurement procedures, cost sharing schemes, incentives and market delivery mechanisms</p> <p>2.4.3. Implementation of public-private partnerships for the installation of efficient kilns</p> <p>2.4.4. Conduct of training and awareness campaign on the use, maintenance and benefits of energy-efficient kilns</p>					MOE	GEF	72100 (Serv Contract)	230,000.00	This can source as a single consultancy together with output 2.2	
<p>Output 2.5</p> <p>2.5.1. Preparation of design drawings, construction procedures and manuals for the construction and operation of energy-efficient stoves</p> <p>2.5.2. Agreement with local fabricators on the production of the furnaces/ stoves and training on their design and operation features</p> <p>2.5.3. Production, installation and dissemination of furnaces/stoves to end-users</p> <p>2.5.4. Conduct of training and awareness campaign on the use, maintenance and benefits of energy-efficient furnaces/stoves</p>					MOE	GEF			This can source as a single consultancy together with outputs 2.2 & 2.4	
<b>Total of Outcome 1</b>									<b>398,000.0</b>	

*Sum.*





