policy framework and institutional arrangements for managing national escored and the second se	Related CP Outcome:	
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.	CPAP Output(s):	
Outcome 6: Policy and legal framework, and institutional arrangemnents for managing natural resources and addressing climate change, disaster, and environmental management strengthened.	CPAP 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) 	Applicable Key Result Area: (from 2014-17 Strategic Plan)	
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.	UNDAF Outcome:	
81156 90575 Efficient Energy Production and Improved Cookstoves	Atlas Award ID: Atlas Project ID:	
Empowered LiveS Resilient Nations		
Annual Work Plan (AWP) for 2016	e	

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Expected Outputs	Planned Activities		Timeframe	fram	le	Responsi	Real of	Planned Budget UNDP TRAC	NDP TRAC	
And baseline, associated indicators and annual targets	List activity results and associated actions	01	Q2	Q3	Q4	-ble Party	Fund ing Souc	Budget Description	(usp)	Note
Outcome1: Strengthened institutional capacity on biomass resource utilization at the national, regional and community level. Operational effective	1.1.1. Creation, establishment and operation of Research, knowledge, Learning and Coordination		×	×	×	MoE	GEF	72100 (Serv Contract)	30,000	30,000 A service contract can be established and
policy, legal, and regulatory frameworks and review mechanisms on biomass energy technology	1.1.3 Conduct training on efficient charcoal production and utilization.		×	×		MoE	GEF			set up of the centre by an external firm
applications Baseline - 0 Standards certification for more	1.1.4 Generating public sector buy-in through advocacy on co-benefits analysis and project impact		×	×	×	MoE	GEF			
efficiently produced charcoal and improved cookstoves - 0 Policy and legal framework that is supportive of BET applications and	1.2.2. Support the government approval process of legal regulation and associated action plan		×	×	×	MoE	GEF	75700 (Advocacy meetings)	7,000	7,000 Development of legal regulations,
biomass energy business development O Cookstove and Charcoal Development Center (CCDC) established Indicator	1.2.4. Development of legal regulatory frameworks on energy applications		×	×		MoE	GEF	71300 (Local consultant)	70,000	70,000 and lobbying with law makers
 No. of policies and legal frameworks that are supportive of BET applications and biomass energy business development approved and enforced by 	1.3.1 Select institution in which the CCDC will be located		×	×	×	MoE	GEF			Request for design by the public can be sought for the
	1.3.2. Organise 4 weeks training for staff a from the CCDC	×						75700 (Training)	35,000	35,000 improved cook stove

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Target - 1 Policy this is supportive of BET applications - 1 Standards and certification for more efficiently produced charcoal and improved cookstoves - 1 Cookstove and Charcoal Development Center (CCDC) established and functional	1.3.4. Facilitate iterative design improvements and strategic new stove designs by the CCDC		×	×	×	Moe	GEF	71300 (local consultant)	3, 000	
Total of Outcome 1									145,000.0	,
Outcome 2: Development of public-		×	×	×		MoE		71600 (Travel)	3,000.00	3,000.00 Identification of
ď	2.1.1. Create an inventory and									CBUS
more efficient production of charcoal	assessment of relevant community-based									nationwide
and the scaling up of improved	organizations									
cookstove production										
	2.1.2. Identification of roles of									
Baseline	community-based organizations and						10000			
- 0 private sector and/or local	agreement on modalities and incentives									
communities involved in biomass	for their participation									

d.

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	17	e	efficient charcoal cookstoves and kilns	nd/or 2 local ved in biomass	Target d	2	kilns		for the production	coordination by EOP	each other via a working mechanism for 2	energy production and are linked with	local communities involved in biomass s	- No. of relevant private sector and/or st	Indicator	in	efficient charcoal cookstoves and kilns 2	
2.3.2. Investigation and formulation of appropriate procurement procedures, cost sharing schemes and market delivery	involvement	entrepreneurs and their specific areas of	Output 2.3 2.3.1. Identification of local fabricators, raw material suppliers and micro-	applications & services	demonstrated kilns and cookstoves	2.2.4. Implementation of financing schemes and incentives for		supply chain business	entrepreneurs in the stoves/furnaces	loan risk guarantee funding scheme for	2.2.3. Design and implementation of the		scheme	start-up grant and end user rebate	and modalities for the implementation of	implementing arrangement, oversight	2.2.2. Establishment of procedures,	Output 2.2
			×				_					-						
		-	×			N. Harris	-					-						
			×													-		×
	MoE				1010													MoE
	GEF																	GEF
			71300 (local consultant)								TT-cr-				- 112-		Contract)	72100 (Serv
			15,000.00															150,000.00
															(eg BRAC)	finance firms	with mircro-	150,000.00 Service contract

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

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This Annual Work Plan (AW National Counterpart Zainab Buya-Kamara Permanent Secretary Ministry of Energy Date: Date:	Total 2016 Project Budget	Total of Outcome 4										COSIS	Outcome 4: Programme Management	
This Annual Work Plan (AWP) is based on Results Management Guidelines (RMG) of UNDP. Once signed by UNDP and the Implementing Partners, UNDP Sie UNDP Sie Canab Baye-Kamaa Signed Screary Signed Screary Signed Screary Primaent Secreary Signed Screary Signed Screary Signed Screary Ministry of Energy Signed Screary Signed Screary Signed Screary Ministry of Energy Signed Screary Signed Screary Signed Screary Ministry of Energy Signed Screary Signed Screary Signed Screary UNDP Signed Screary Signed Screary Signed Screary Signed Screary Date: Signed Screary Signed Screary Signed Screary Date: Signed Screary Date: Date:		טורפכר ארס)פכר כסזר (טאכן - 4.5%)	Common service	Security	Communication - 1%	Communication	Inception workshop	Travel (Conferences)	M&E (UNDP cost) 2%	M & E Missions (Travel)	Management Costs (fuel, vehicle maintenance, etc)	equipment & office Stationaries)		
(G) of UNDP. Once sig		X X	×	× ×	×	× >	< × ×	×	×	x x x x	××××	,	< × < ×	-
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e Implementing Part UND Co Date:		00047	73100	74300	74300	72400	75700	71600	74300	71620	72300, 72200		71400	<u> </u>
Sudipto Wukerjee Country Director UNDP Sierra Leone e:	913,344	139,344	12,100	520	7,740	6,200	500	10,000	15,480	20,000	4,000		5 000	
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