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Mainstreaming Energy & Environment in Development Processes in Liberia

2018

Integrated Annual Work Plan

Programme Title: Mainstreaming Environment and Climate Change in National Development Policies and Strategies

Country: LIBERIA

UNDAF OUTCOMES:

- 2.1: Food Security and Natural Resource: Improved food security and sustainable natural resource utilization
- 2.3 Basic Infrastructure and Energy: Improved access to sustainable basic Infrastructure
- 3.5: Water, Sanitation & Hygiene: Population has increased utilization of safe Water and practice safe sanitation and hygiene in underserved areas
- 4.4: Public Sector Institutions and Civil Service Reform: By 2017, Liberia has an improved and decentralized public sector and civil service providing fair and accountable basic services to people.

EXPECTED CP OUTCOME: By 2017, Liberia has an improved and decentralized public Sector and civil service providing fair and accountable basic services

UNDAF ACTION PLAN OUTPUT: 3.5.3 WASH governing bodies established

EXPECTED PROGRAMME OUTPUTS:

- 2.1.4: Utilization of Natural Resources (land, water and forest) Improved
- 2.3.4: Enhanced capacities of national agencies for on grid and off grid electricity provision, with particular focus on providing Alternative energy sources to rural communities, by 2018.
- 3.5.3 WASH governing bodies established
- 4.4.4 By 2016, National Disaster Risk Reduction (DRR) policy Implemented and supported by a commission/agency with Clearly defined mandates

EXECUTING ENTITY: Environmental Protection Agency

IMPLEMENTING AGENCIES: EPA MoA MIA MoEDP MME CSOs CBOs

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IMPLEMENTING AGENCIES: EPA, MoA, MIA, MoFDP, MLME, CSOs, CBOs

Responsible parties:

1. Environmental Protection Agency
2. Ministry of Lands, Mines, and Energy
3. Ministry of Finance and Development Planning
4. Ministry of Agriculture
5. Ministry of Internal Affairs (National Disaster Relief Commission)
6. Ministry of Transport
7. Forestry Development Authority

Implementing partners: UNDP Liberia

Narrative

The aim of the program is to develop a framework, grounded in the realities of the environment and development challenges facing Liberia, and consonant with extant global praxis, that will inform UNDP interventions focused on capacity building for improved climate response and environmental management. The broad objectives are threefold: to reduce vulnerability and improve adaptation to climate change, enhance environmental management as a basis for sustainable economic development, and to leverage environmental resources as a direct contribution to the livelihoods of communities as well as the nation as a whole with the inclusion of women to ensure broader participation. Consequently, the envisaged programme will focus on mainstreaming climate change and sustainable development which will be gender sensitive. The main partners envisaged are the EPA, FDA, Ministries of Finance and Development Planning, Lands, Mines and Energy, Transport and Public Works. Given the stated government policy objective to decentralize decision making to the lowest possible level, the strategy also proposes engagement with County authorities and community institutions, women's groups, focusing particularly on supporting the building of community natural resource management institutions. Other partnerships that will be developed in the implementation of strategic interventions would include bilateral and multilateral donor organizations, INGOs, national NGOs and the private sector. Many environmental interventions are novel and intriguing for communities as well as for policy makers, and consequently it will be essential to set up demonstrable projects, mainly through the UNDP-GEF SGP support for local communities and NGOs with the participation and inclusion of rural women.

This integrated annual work plan is comprised of eight projects funded by five separate donors. The projects include:

1. Enhancing Liberia Montserrado County Vulnerable Coastal Areas to Climate Change Risks.
2. Strengthening National Capacities to Meet Global Environmental Obligations with the Framework of Sustainable Development Priorities (Cross-cutting Capacity Development)
3. Advance the NAPs process for medium term investment planning in climate sensitive sectors (i.e. agriculture, energy, waste management, forestry and health) and coastal areas in Liberia
4. High Level Support to the Water Supply and Sanitation Commission (WSSC)
5. Mainstreaming Environment and Climate Change in National Development Policies and Strategies
6. Support to multi-hazard preparedness and response for Liberia
7. Reducing Deforestation from Commodity Production
8. Strengthening Liberia's capability to provide climate information and services to enhance climate resilience development

Programme Period: January 1- December 31, 2018

Programme Component:

Energy & Environment and Sustainable Development

Programme Title: **Mainstreaming Energy & Environment in Development Processes in Liberia**

Project ID: **00076332, 00061519, 00093013, 00107247, 00104630, 000105422, 00106906 00086796,00102673**

Project Award ID: 00050005, 00060580, 00074351,00085325, 00106571,00103417,00105912

Implementation Modality: National Implementation Modality NIM

Planned Activity Budget: **US\$6,968,475.00**

Resources: **US\$6,968,475.00**

1. Regular (UNDP core): US\$350,000.00

GEF contribution: US\$5,448,425.00

1. **Early Warning Systems:** US\$2,336,025.00
2. **Coastal Add-on:** US\$1,609,900.00
3. **CCCD:** \$360,000
4. **GGP:** 492,500
5. **GoAL WASH Project:** US\$88,500.00
6. **GCF(NAP) Contribution:** \$976,000.00
7. **MPTF contribution:** \$650,000.00
8. **GCF Readiness:** \$105,200

In-kind Contributions (GoL): **N/A**

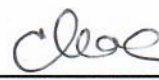
Agreed by (EPA)



Hon. Nathaniel T. Blama, Sr.
Executive Director, EPA

16/5/18
Date

Agreed by (UNDP in Liberia):



Pa Lamin Beyai
Country Director, UNDP

22/5/18
Date

Agreed by (Government of Liberia)



Hon. Samuel D. Tweah, Jr
Minister of Finance & Development Planning

11/06/18
Date

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AWP- Energy & Environment 2018-Core fund (00061519)

EXPECTED OUTPUTS <i>And baseline, indicators including annual targets</i>	PLANNED ACTIVITIES <i>List activities to be implemented</i>	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount
		<p>UNDAF Outcome: Basic Infrastructure and Energy: Improved access to sustainable basic Infrastructure</p> <p>CP Outcome: Inclusive and Sustainable economic transformation informed by evidence-based macro-economic policy promoting access to livelihood, innovative and competitive private sector and efficient natural resource management</p>							
<p>Output 1: Utilization of Natural Resources (land, water and forest) improved</p> <p>Baseline: 2 (trainings done in the sustainable use of water, land, forest resources and farming practices to ensure sustainability and reduce effects of climate change especially on rural women and children)</p> <p>Indicators: - Number of communities assisted to adapt and mitigate the effects of climate change in the land use sectors disaggregated by category, and geographic area</p> <p>Targets: - 3</p> <p>Related CP outcome: IMPROVED SUSTAINABLE NATURAL RESOURCE UTILIZATION AND FOOD SECURITY;</p>	Activity 1 Awareness raising for behavioral changes in the use of water, land, forest resources and farming practices to ensure sustainability and reduce effects of climate change on women and children (Bomi County)	x				EPA	UNDP Core	72100	20,000.00
	Activity 2 Support for awareness and education on SDGs particularly the ones related to environment, natural resource management and impact of climate change on gender	x	x			EPA.	UNDP Core	72100	6,000.00
	Activity 3 Support to Forestry Training Institute (REDD+ training)		x	x		FTI	UNDP Core	72500	19,000.00
	Activity 4: Support to National Tree Planting Day (Tree planting/tree nursery project), prioritizing female innovations and participation		x			FDA	UNDP Core	72500	5,016.00
	Activity 6: Support to World Environment Day (Unskilled Youth driven environment project that creates short term youth employment e.g. Plastic waste collection and awareness campaign in one community)				x	EPA	UNDP Core	72500	5,000.000
	Activity 7: Co-financing for CCAAP for terminal evaluation (national and international consultants and retention of staff for one month for support to evaluators)		x	x			UNDP Core	71300	20,000.00

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	Activity 8: Support to COP 24 (support for participation of representatives (male and female))				X			EPA/UNDP	UNDP Core	75700	25,000.00 0
<p>Output 2: Enhanced capacities of national agencies for on-grid and off-grid energy provision, with particular focus on providing alternative energy sources to communities, by 2018</p> <p>Baseline: 3 (communities around Lake Piso and New Kru Town in Robert Sport are already using energy efficient ovens)</p> <p>Indicators: 0</p> <p>Target: 250 energy efficient cook stoves given to coastal communities</p> <p>Related CP outcome: Improved access to sustainable basic infrastructure</p> <p>Output 3: By end of 2018, National Disaster Risk Reduction (DRR) policy implemented and supported by an agency with clearly defined mandates</p>	Activity 1: Support for the production and distribution of energy efficient cook stoves in Monrovia with priority given to female producers				X			EPA/UNDP	UNDP Core	72100	20,000.00
	Activity 2: Support to SGP for strengthening of grantees capacities for project implementation				X				UNDP Core	75700	10,000.00
	Activity 3: Completion of construction of solar dryer in Robert Spot, Grand Cape Mount County				X				UNDP Core	72100	30,000.00 0
	Salary support to project Analyst NDMA								UNDP CORE	71400	9,000.00

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<p><i>Baseline: UNDP has been providing technical assistance since 2012 for consultancy.</i></p> <p><i>Indicators: NDMA set-up and functioning</i></p> <p><i>Target: 1 DRR technical expert hired to support NDMA</i></p> <p><i>Related CP outcome: By 2017, Liberia has an improved and decentralized public sector and civil service providing fair and accountable basic services to people.</i></p>							
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<p>Output 4: Reduced greenhouse gas emissions (carbon footprint) attribute to City's operations</p> <p>Indicators: - Number of fuel economy framework endorsed and adopted</p> <p>-Extent to which the fuel economy framework is implemented</p> <p>Baseline: 0 (Fuel Economy Policy is already developed)</p> <p>Targets: 1. Fuel Economy Policy is adopted</p> <p>2. Fuel Economy policy being implemented</p>	<p>Activity 1: Support for the dissemination and training of national technical staff within the EPA, LRA, Freeport, LNP, MFDP, Transport ministry and transport unions to coordinate and implement the Fuel Economy Policy</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>EPA</p>	<p>UNDP Core</p>	<p>71200</p>	<p>20,000</p>
<p>Output 5: An Ecological Landscape Action Plan consisting of an inventory of existing canopy' coverage and maintenance in Monrovia is developed</p> <p>Baseline: 0 (No existing inventory cataloguing canopy coverage currently exist)</p> <p>Indicators: Number of tree canopy coverage inventories existing with proper catalogue of trees across Monrovia</p> <p>Targets: 1 inventory</p> <p>Project management</p>	<p>Activity 1: Conduct a tree canopy coverage survey in Monrovia, and assess the opportunities for integrating green landscape into city planning efforts</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>EPA</p>	<p>UNDP Core</p>	<p>75700</p>	<p>8,000</p>
<p>Support for training of project staff in project stakeholder and cost management</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>UNDP Core</p>	<p>71600</p>	<p>19,984.00</p>	

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Adaptation. This manifests in low capacity for NCCS to effectively coordinate institutions, especially at sector level	process, identify gaps and recommend remedial measures	x	x											30,000
Action 1.1.1b: Capacity building support for national GCF readiness delivery partner in areas of Project management and procurement, IT, HR, software and accounting packages, computers and relevant accessories	Action 1.1.1 e: Capacity building support to EPA: Purchase and supply of 10 motorbikes and logistics (fuel/lubricants/stationery) to EPA for capacity extension support services for regulatory compliance and enforcement, monitoring and data collection to support adaptation planning across the country	x	x											60,000
Indicators: - # of Targeted sectoral policies in the country evaluated and integrated with adaptation measures	Action 1.1.1f: Strengthen national coordination for national adaptation planning: capacity of the Planning, Policy & Intersectoral Coordination Dept/ & Climate Change Enabling Department of the EPA to do adaptation planning/enhance setting up of climate change focal points in sectoral MACs through operational support: office supplies, computer, meetings/workshops/training, reporting etc	x	x											15,000
# of sectors MACs with climate change /environmental focal persons established and operating	Action 1.1.1g: Setting up focal points for 4 of the critical sector MACs lacking environment/climate change focal points (1 year support), in order to enhance adaptation planning	x	x											24,000
# of people participating in consultations and training (female/male)	Action 1.1.1h: Strengthen capacity of four sector focal persons to do adaptation planning through operational support office supplies, computer, etc	x	x											16,000
# and kind of capacity building support provided the EPA	Action 1.1.a: Review and update of the draft National Climate Change Policy and Strategy document and support for it endorsement	x	x											10,000
Assessment report on	Action 1.1.b: Assessment of adaptation strategies to develop action plans in the agriculture sector	x	x											20,000

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<p>coordination of adaptation planning</p> <p>-National Climate change policy and strategy finalized and endorsed at the national level</p>										
<p>Sub-total</p>										62,000
<p>Baseline: (0)</p>										
<p>-There is currently no finalized knowledge-sharing platform for climate information in Liberia</p>										
<p>-Government staff do not have access to detailed risk assessments in energy, waste management, forestry and health sectors</p>										
<p>Indicators:</p> <p># of sectoral web-based climate data and information knowledge sharing platform created</p> <p>-# of detailed sectoral risk assessments completed</p> <p># of local people/communities participating in</p>										
<p>Action 2.2.1 climate change vulnerability and climate risk assessments for the priority sectors of agriculture, fishery, forestry; provide training for sector experts and produce risk assessment report from a gender balanced perspective</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA/UNDP</p>	<p>GCF</p>	<p>71200 International Consultant</p>	<p>40,000</p>		
<p>Action 2.2.2: Climate Risk Assessments, Socio-economic Analysis & vulnerability adaptation assessment training workshop, with a gender balanced participation (EPA, FDA, MOHSW, MPW, MLME, LISGIS, MOT, MFDP, NDMA, MIA, MCC, PCC, MoGGCSP etc.)</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA/UNDP</p>	<p>GCF</p>	<p>75700 Training/ workshop & conferences</p>	<p>18,000</p>		
<p>Action 2.2.3: Conduct of risk assessment from a gender balanced perspective by sector staff, led by international consultant</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA/UNDP</p>	<p>GCF</p>	<p>60000 Staff (Project Personnel – Technical)</p>	<p>25,000</p>		
<p>Action 2.2.4: Conduct gap assessment of climate change data and information and offer recommendation, including cost for the design of an accessible knowledge sharing platform for climate relevant planning to be maintained by EPA</p>	<p>x</p>				<p>EPA /UNDP</p>	<p>GCF</p>	<p>72100 Contractual services - companies</p>	<p>6,000</p>		
<p>Action 2.2.5 Development of a training manual on community climate change adaptation (presents selected tools and methods that</p>	<p>x</p>				<p>EPA /NFAA/UNDP</p>	<p>GCF</p>	<p>72100 Contractual services - companies</p>	<p>70,000</p>		

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<p>have received formal technical guidance on how to mainstream adaptation into sectoral budgets and plans</p> <p>-No government staff have received training to support adaptation planning</p> <p>-The national monitoring system has not been evaluated or updated to account for adaptation action across sectors</p> <p>Indicators: - # of sectoral adaptation capacity building program delivered on planning and budgeting</p> <p>-National monitoring system reviewed and updated to integrate adaptation and shared with six ministries by June 2019</p> <p># of staff from sector Macs acquiring graduate training in climate change/environmental science programs</p>	<p>Action 3.1.1: Conduct 2 specialized training on the guideline for mainstreaming CCA in planning and budgeting with MFDP and other relevant MACs toward GCF accreditation and uptake of National Adaptation Plans in the Macroeconomic planning and Budgeting.</p> <p>Action 3.1.2: Identify and select on merit 6 staff with gender balanced representation across sectors to pursue trainings of all kinds in climate resilient agriculture, climate change adaptation, coastal and flood engineering and disaster risk management for technical skills development related to the advancement of the NAP process</p> <p>Action 3.1.3: Conduct gender and social impact assessment of climate change in Liberia, develop training tools on integrating gender in programme formulation and monitoring (gender/social impact specialist)</p> <p>Action 3.1.4: Conduct training on the integration of gender dimensions into every aspect of the programme activities including the focus on gender at the strategic action plan level and integrating gender into sectoral plans for gender focal persons</p> <p>Action 3.1.5: Provide support to the University of Liberia to develop graduate program curriculum in Environmental Studies/climate change</p>	<p>x</p> <p>x</p> <p>x</p> <p>x</p> <p>x</p>			EPA/UNDP	GCF	<p>75700 Training/ workshops & conferences</p> <p>75700 Training/ workshops & conferences</p> <p>71200 International Consultant</p> <p>75700 Training/ workshops & conferences</p> <p>60,000 Staff (Project Personnel - Technical)</p>	<p>30,000</p> <p>140,000</p> <p>40,000</p> <p>10,000</p> <p>50,000</p> <p>270,000</p>
<p>Sub-total</p>					EPA/UNDP	GCF		

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<p># of sector plans with gender mainstreamed</p> <p>-curriculum and graduate program developed at the University of Liberia</p> <p>Targets:</p> <ul style="list-style-type: none"> - Ministerial staff representing at least four different sectors participate in new capacity building programme - Trainees share lessons learnt from capacity building programme with ministerial peers through at least one knowledge-sharing session each delivered within 6 months of the training - The national monitoring system is evaluated and updated to integrate adaptation -A graduate program developed at the University of Liberia offering degree in environmental science/climate change 								
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CG

Project Management/ Salary & Administration	Project Manager/12 months	x	x	x	x	x	x	x	UNDP	GCF	60000 Staff (Project Personnel - Technical)	45,000	
	M&E Analyst/12 months	x	x	x	x	x	x	x	UNDP	GCF	60000 Staff (Project Personnel - Technical)	28,000	
	Driver	x	x	x	x	x	x	x	UNDP	GCF	71400 Contractual Services-Individuals	7,000	
	Project vehicle	x	x	x	x	x	x	x	UNDP	GCF	71600 Travel	44,000	
	Consultants travel costs (i.e. to Liberia & to areas where previous adaptation projects were implemented)/DSA	x	x	x	x	x	x	x	UNDP	GCF	71600 Travel	20,000	
	DSA for PMU for field travels	x	x	x	x	x	x	x	UNDP	GCF	71600 Travel	5,000	
	International travel for PMU	x	x	x	x	x	x	x	UNDP	GCF	71600 Travel	10,000	
	Vehicle maintenance	x	x	x	x	x	x	x	UNDP	GCF	71600 Travel	6,000	
	Vehicle registration & Insurance	x	x	x	x	x	x	x	UNDP	GCF	71600 Travel	1,000	
	Vehicle lubricants/fuel	x	x	x	x	x	x	x	UNDP	GCF	71600 Travel	6,500	
	Laptops & other equipment (software, etc.)	x	x	x	x	x	x	x	UNDP	GCF	72800 IT Equipment	5,000	
	Office supplies	x	x	x	x	x	x	x	EPA/UNDP	GCF	72500 Office Supplies	5,500	
	Office rehabilitation and fixtures								UNDP	GCF	71400 Contractual Services-Individuals	15,000	
	Sub-total											185,000	
	Project management & Administration												
	Project activities cost (12 months)												976,000

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Cross-Cutting Capacity Development (CCCD) Project 2018

Related CP outcome: Inclusive and sustainable economic transformation informed by evidence-based macro-economic policy promoting access to livelihood, innovative and competitive private sector and efficient natural resource management. Liberian governance systems strengthened to ensure consolidation of peace and stability supported by effective and well-functioning institutions that foster inclusive participation of stakeholders, especially women and youth, with enhanced service delivery at local levels.

UNDAF AP Output: Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded

EXPECTED OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activities to be implemented	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Amount	
<p>Component 1: Establishment of an integrated Environmental Knowledge Management System (EKMS) to meet global environment and sustainable development priorities</p> <p>Baseline: 0</p> <p>-Capacity development interventions, absorptive capacity in Liberia is so low and insufficiently institutionalized</p> <p>-Inadequacy of existing policy and legal instruments to guarantee the realization of Rio Convention obligations.</p> <p>Insufficient awareness and understanding of how to reconcile competing policies and laws, and inadequate guidance on the strategic information</p>	<p>Activity Result 1.1: Institutional mapping and analysis of an optimal knowledge management system institutionalized</p> <p>Action 1.1.1: Conduct a gender inclusive SWOT and gap analysis of the three Rio Convention and relevant institutions on information sharing and best practices</p> <p>Action 1.1.2: Organize a gender participatory MEA technical committee workshop to discuss and recommend best practices for collecting and managing environmental data and information in line with SWOT and Gap analysis</p>	x	x	x	x	EPA	GEF/UNDP	71400 Contractual Services-Individual	3,000.00
						EPA	GEF/UNDP	75700 Trainings, workshops & conferences	2,500.00
	<p>Activity Result 1.2: Design of an integrated environmental knowledge management system setup</p> <p>Action 1.2.1: Design/upgrade information technological infrastructure for collecting, storing, and sharing EKMS data and information for male and female users</p> <p>Action 1.2.2: Convene a gender inclusive stakeholder awareness workshop on the management of information and knowledge for planning and policy-making</p> <p>Action 1.2.3 Design and procure Geographic Information System infrastructure for collecting, analyzing, storing of biodiversity, desertification, wetlands, climate change data and information</p>	x	x	x	x	EPA	GEF/UNDP	71400 Contractual Services-Individual	7,000
						EPA	GEF/UNDP	75700 Trainings, workshops & conference	10,000
						EPA		72800 Information & technology Equipment	35,000

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<p>operationalization of this policy framework</p> <ul style="list-style-type: none"> -Liberia has degraded and limited infrastructure with low technical and institutional capacity -Requirements of the Rio Conventions are not adequately incorporated in sectoral development planning -Key data and information is not readily shared among agencies 	<p>Action 1.2.4: Develop a gender responsive EKMS training curriculum and establish partnership with Universities and specialize technical institutions for medium and long terms training</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA</p>	<p>GEF/UNDP</p>	<p>71200 International Consultant</p>	<p>15,000</p>	
<p>Activity Result 1.3: Targeted technological networking of existing information and knowledge management systems established</p>										
<p>Indicator:</p> <ul style="list-style-type: none"> -Number of new partnership mechanisms established - Number of legal policy and institutional frameworks in place for environmental knowledge sharing -500 direct project beneficiaries -Sectoral plans and policies include targets that measure progress toward achieving global environmental obligations -Key existing databases, management information systems, and monitoring systems are strategically networked into an integrated system (the EKMS) - A long-term training programme is developed and institutionalized on Rio Convention mainstreaming 	<p>Action 1.3.1: Conduct a gender inclusive meeting/workshop to negotiate and institute the management for sharing EKMS information and knowledge management with key institutions</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA</p>	<p>GEF/UNDP</p>	<p>75700 Trainings, workshops & conferences</p>	<p>2,500.00</p>	
<p>Activity Result 1.4: Selected updating of technologies to create cost-effective synergies for knowledge management is developed</p>										
<p>Indicator:</p> <ul style="list-style-type: none"> -Number of new partnership mechanisms established - Number of legal policy and institutional frameworks in place for environmental knowledge sharing -500 direct project beneficiaries -Sectoral plans and policies include targets that measure progress toward achieving global environmental obligations -Key existing databases, management information systems, and monitoring systems are strategically networked into an integrated system (the EKMS) - A long-term training programme is developed and institutionalized on Rio Convention mainstreaming 	<p>Action 1.4.1: Procure and install the technological hardware and software of the EKMS accessible to male and female users as recommended in the approved feasibility study</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA</p>	<p>GEF/UNDP</p>	<p>72800 Information & technology equipment</p>	<p>28,000.00</p>	
<p>Activity Result 1.5: Integration of new and improved global environmental indicators into select sectoral development plan (s)</p>										
<p>Indicator:</p> <ul style="list-style-type: none"> -Number of new partnership mechanisms established - Number of legal policy and institutional frameworks in place for environmental knowledge sharing -500 direct project beneficiaries -Sectoral plans and policies include targets that measure progress toward achieving global environmental obligations -Key existing databases, management information systems, and monitoring systems are strategically networked into an integrated system (the EKMS) - A long-term training programme is developed and institutionalized on Rio Convention mainstreaming 	<p>Action 1.5.1: identify and develop best applicable gender inclusive indicators and technical guide for measuring global environmental trends within the context of planning and policy-making in Liberia</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA</p>	<p>GEF/UNDP</p>	<p>71400 Contractual Services-Individual</p>	<p>5,000.00</p>	
<p>Activity Result 1.6: Learning-by-doing training on improved methodologies and analytical skills for interpreting global environmental trends and understanding their relevance to sectoral development</p>										
<p>Indicator:</p> <ul style="list-style-type: none"> -Number of new partnership mechanisms established - Number of legal policy and institutional frameworks in place for environmental knowledge sharing -500 direct project beneficiaries -Sectoral plans and policies include targets that measure progress toward achieving global environmental obligations -Key existing databases, management information systems, and monitoring systems are strategically networked into an integrated system (the EKMS) - A long-term training programme is developed and institutionalized on Rio Convention mainstreaming 	<p>Action 1.6.1 create awareness on Rio convention by conducting clean-up campaign in three slum communities, including procurement of cleaning materials to be donated to MCC and PCC, using mostly females in celebrations of the world Environmental Day</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA</p>	<p>GEF/UNDP</p>	<p>71400 Contractual Services-Individual</p>	<p>40,000</p>	
<p>Activity Result 1.7: Early implementation and piloting of the integrated environmental knowledge management system through a select sectoral plan</p>										
<p>Indicator:</p> <ul style="list-style-type: none"> -Number of new partnership mechanisms established - Number of legal policy and institutional frameworks in place for environmental knowledge sharing -500 direct project beneficiaries -Sectoral plans and policies include targets that measure progress toward achieving global environmental obligations -Key existing databases, management information systems, and monitoring systems are strategically networked into an integrated system (the EKMS) - A long-term training programme is developed and institutionalized on Rio Convention mainstreaming 	<p>Action 1.7.1: Convene a gender responsive learning-by-doing workshop to use the EKMS to demonstrate its value at improving a more holistic and resilient construct of the selected sectoral plan in keeping with Rio Convention obligations</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA</p>	<p>GEF/UNDP</p>	<p>75700 Trainings, workshops & conferences</p>	<p>3,000.00</p>	

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<p>- A high quality integrated Environmental Knowledge Management System is institutionalized</p> <p>- There is an increase in the appreciation of the Rio Conventions among the general public</p> <p>- Increased capacity within relevant stakeholder groups to handle data and information relevant to the Rio Convention</p> <p>- Stakeholders (including at least 40% women) are trained on how to manage the EKMS</p>	<p>Action 1.7.2: Conduct year end gender inclusive evaluation and lessons learned on EKMS and its implementation</p>	X	X	X	X	EPA	GEF/UNDP	75700 Trainings, workshops & conferences	3,000.00	
	<p>Action 1.7.3: Convene a gender inclusive workshop on the use of the EKMS and how to mainstream Rio Convention obligations into sectoral plans and policies</p>	X	X	X	X	EPA	GEF/UNDP	75700 Trainings, workshops & conferences	2,500.00	
<p>Activity total</p>									156,500	
<p>Output 1 total</p>									156,500	
<p>Activity Result 2.2 Strengthened policy and regulatory framework through improved operational interpretation, enforcement tools, and by-laws</p>										
<p>- Stakeholders (including at least 40% women) are trained on how to manage the EKMS</p>	<p>Action 2.2.1: Carryout three gender participatory technical training sessions to understand and reconcile weaknesses and gaps in key environmental policies and legal instruments</p>	X	X	X	X	EPA	GEF/UNDP	75700 Trainings, workshops & conferences	2,500.00	
	<p>Activity Result 2.3: Strengthened consultative and decision-making processes for mainstreaming of Rio Convention obligations</p>									
<p>Component 2: Enhanced institutional and technical capacities to mainstream, develop, and utilize policies and/or legislative frameworks for effective implementation of the three Rio Conventions</p>	<p>Action 2.3.1: Convene 2 gender inclusive regional stakeholders consultations to negotiate best consultative and decision-making processes and create awareness on the RIO conventions</p>	X	X	X	X	EPA	GEF/UNDP	75700 Trainings, workshops & conferences	40,000	
	<p>Activity Result 2.5: Enhanced monitoring and compliance arrangements, e.g., environmental impact and strategic environmental assessments</p>									
<p>Baseline: 0</p> <p>-The government agencies responsible for the Rio Conventions have limited budgetary funds</p>	<p>Action 2.5.1: develop improved monitoring and compliance reforms based on learning-by-doing exercises to formulate best practices and guidelines on the Rio Conventions, draft and validate guidelines for coordinated monitoring and compliance.</p>	X	X	X	X	EPA	GEF/UNDP	71400 Contractual Services- Individual	6,500	
	<p>Action 2.5.2: Conduct Environmental Impact Assessment training</p>	X	X	X	X	EPA	GEF/UNDP	75700 Trainings, workshops & conferences	8,000	
<p>Activity Result 2.6: Demonstration and piloting of integrated environmental-development best practices that reflect global environmental priorities and the Post-2015 Sustainable Development Goals</p>										

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to address environmental priorities											5,000.00	
Indicators:	Action 2.6.1: Convene a gender inclusive workshop to structure technical working groups for each of the three Rio Conventions on legislative responses and amendments and to identify and select the environmental development best practices that are to be piloted through the use of the EKMS for a high value sectoral development plan											
- Operational by-laws are developed to improve and legitimize Rio Convention mainstreaming into sector development plans	X	X	X	EPA	GEF/UNDP	75700 Trainings, workshops & conferences						
- A resource mobilization strategy for the long-term operation of the EKMS is developed and approved by the Government			X	EPA	GEF/UNDP	71400 Contractual Services- Individual						6,500
Targets:	Activity Result 2.7: Resource mobilization strategy Action 2.7.1: Undertake a gender differentiated financial and economic analysis of monitoring, enforcement, and compliance of Rio Convention implementation and draft a resource mobilization strategy											
-SWOT and gap analysis completed											60,500	
-Strengthened consultative and decision-making processes											60,500	
-Monitoring and compliance arrangements enhanced												
-Resource mobilization strategy developed												
Component 3:	Activity Result 3.1: Stakeholder dialogues on the value of Rio Conventions enhanced											
Improving awareness of global environmental values and knowledge management	X	X	X	EPA	GEF/UNDP	71400 Contractual Services- Individual						6,500
Baseline: 0												
-The general public remains generally unaware or												

<p>unconcerned about the contribution of the Rio Conventions to meeting and satisfying local and national socio-economic priorities</p> <p>-Awareness of Rio Convention mainstreaming is limited, and stakeholders do not fully appreciate the value of conserving the global environment.</p> <p>Indicators:</p> <p>-Education module on the importance of the global environment to national sustainable development is adopted and integrated within teaching curricula at the secondary school level</p> <p>-A government-based website is created to network existing sources of electronic data and information</p> <p>Targets:</p> <p>-Environmental awareness module prepared</p> <p>-Private sector and media sensitization panel discussions held</p> <p>-Articles on linkages between the global environment and socio-economic issues</p> <p>Action</p>	<p>Action 3.5.1: Convene a gender participatory working group meeting among key agencies that have websites relevant to environmental governance and negotiate opportunities to improve the design and content of their respective webpages</p>	<p>X</p>	<p>x</p>	<p>x</p>	<p>x</p>	<p>EPA</p>	<p>GEF/UNDP</p>	<p>75700 Trainings, workshops & conferences</p>	<p>2,500.00</p>
Activity total									
Output 3 total									
Activity Result 4:1: Updated assessments of capacity challenges to meet and sustain Rio Convention obligations, building upon GEF focal area enabling activities									
9,000									
9,000									
Component 4: NCSA is updated to reflect post 2015-SDGs and current									

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<p>opportunities to strengthen priority foundational capacities for the global environment</p> <p><u>Baseline:</u></p> <ul style="list-style-type: none"> -The previous NCSA was completed in 2006 -Since the NCSA, Liberia has undertaken several initiatives to address barriers in the NCSA. Despite the important contributions from various bilateral and multilateral development agencies however, Liberia continues to face a number of difficulties in meeting global environmental objective <p><u>Indicators:</u></p> <ul style="list-style-type: none"> -NCSA Final Report and Capacity Development Action Plan is completed <p><u>Targets</u></p> <ul style="list-style-type: none"> -Assessments of capacity challenges -Capacity Development Strategy and Action Plan, developed -NCSA Final Report produced 	<p>Activity 4.1.1: design and carry out a gender differentiated survey to assess public awareness of the importance of the Rio Conventions, catalyzing sustainable development</p>	x	x	x	x	x	x	x	EPA	GEF/UNDP	71400 Contractual Services- Individual	1,500.00	
	<p>Action 4.1.2: conduct gender balance individual interviews to gather additional inputs on national priorities and constraints for improved and sustained environmental governance</p>	x	x	x	x	x	x	x	x	EPA	GEF/UNDP	71400 Contractual Services- Individual	1,500
Activity total													3,000
Output 4 total													3,000
<p>Project Management & Administration</p>	Project Manager salary/9 months	x	x	x	x	x	x	x	x	EPA	GEF/UNDP	71300 Contractual Consultant	27,000
	Project Assistant salary/9 months	x	x	x	x	x	x	x	x	EPA	GEF/UNDP	71300 Local Consultant	10,800
	Chief Technical Adviser (CTA)/IC	x	x	x	x	x	x	x	x	EPA	GEF/UNDP	71200 Intern'l Consultant	37,000

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Project inception workshop	x	x	x	x	x	EPA	75700	Training, workshops & conferences	17,000
Bank charges, exchange losses, etc.	x	x	x	x	x	EPA	74500	Miscellaneous Expenses	2,000.00
Project Steering Committee Meetings	x	x	x	x	x	EPA	75700	Training, workshops & conferences	2,000.00
Procurement of office equipment, furniture, and office renovation, (desks, lap tops, etc.) for use by the project management team	x	x	x	x	x	EPA	72800	Information Technology Equipment	13,200.00
Travel)	x	x	x	x	x	EPA	71600	Travel	9,000
Procurement of office supplies/stationaries	x	x	x	x	x	EPA	72300	Materials & goods	5,000
Project Management & Administration									
Output 1 Total									123,000
Output 2 Total									156,500
Output 3 Total									68,500
Output 4 Total									9,000
Grand total									360,000

GoAL WaSH 2018

Project Title:

High Level Support to the Water Supply and Sanitation Commission (WSSC)

UNDAF Outcome: The project supports Outcome 2 (Equitable Socio-Economic Development, 3 (Good Governance and the Rule of Law) and 4 (Education and Health) through making the WSSC operational. It also supports cross-cutting issues of environment and sustainable development and progress towards the attainment of MDG7.

Expected CP Outcome(s): Strengthen national capacities to manage and plan the water and sanitation sector and promote equity of access for urban and rural areas and across gender, disability and ethnic boundaries.

Expected Output(s): An operational and effectively staffed and resourced WSSC able to promote a clear and comprehensive regulatory framework for

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WSS raised national awareness on the need for safe drinking water and sanitation and hygiene for all, and a rational management information system for the sector.

EXPECTED OUTPUTS <i>And baseline, associated indicators and annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET			
		Q1	Q2	Q3	Q4		Funding Source	Cash Transfer Modality	Budget Description	Amount
		Activity Result 1.1: Secure Finance and mobilize resources for WSSC through improved sector financing mechanism for safe drinking water and improved sanitation for all								
Output 1: Establish Pool Fund Mechanism for WASH and establish WSSC to improve sector regulation and coordination mechanisms. Baseline: (2011) Zero (WSSC is not functional and no pool fund mechanism; Water Supply and Sanitation Policies exist; Water regulatory capacity building plan and water security and climate resilient training do not exist; WSSC Act exist Targets: <ul style="list-style-type: none"> # of stakeholders' meetings to review WASH Pool Fund mechanism draft report; # of stakeholders meeting to review WSSC draft 	Activity 1.1.1: Develop gender inclusive communication Plan for WSSC	x	x	.	UNDP	SIDA	Direct Payment	71300 Contractual Services-Comp	3,000.00	
	Activity 1.1.2: Stakeholders' validation of WSSC Communication Plan	x			UNDP	SIDA	Direct Payment	71300 Contractual Services-Comp	1,200.00	
	Activity 1.1.3: Payment for printing of 50 copies of WSSC Communication plan (@\$20x50)		x		UNDP	SIDA	Direct Payment	71300 Contractual Services-Comp	1,000.00	
	Activity 1.1.4: EOI advertisement cost and payment of professional fees to local Consultant for conducting			x	UNDP	SIDA	Direct Payment	71300 Contractual Services-Comp	11,250.00	

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<p>carry out awareness and advocacy campaign;</p> <p>4 JSR Conference (1 to be held in 2018);</p> <p>Road map developed for the drafting of Liberia Water Law</p> <p>Targets:</p> <ul style="list-style-type: none"> • 1 national gender responsive advocacy plan in WSS designed; • 3 (2 meetings in 2018 held with the Legislature by civil society organization; • 2 Gender inclusive radio and TV advocacy and awareness campaigns held; • 3 (1 JSR held in 2018) 	<p>Action 3.1.3: Legal professional to draft role map or framework for developing Water Law for Liberia water sector management-Local consultancy</p>	<p>x</p> <p>x</p>	<p>UNDP</p>	<p>SIDA</p>	<p>Direct Payment</p>	<p>75700 Training, workshops and conferences</p>	<p>6,750.00</p>
<p>Total output 3:</p>							<p>13,750.00</p>

Indicators:

- Gender responsive national WSS advocacy and awareness plan produced;
- Legislative report produced
- JSR report produced by MPW;
- Water law road map produced

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Project Management		X	X			UNDP	SIDA	Agency	71400- Service Contract	25,000.68
Salaries project staff (National Project Coordinator, 12 months)	X	X								
Mobile phone cards for 2 staff of GoAL WaSH	X	X				UNDP	SIDA	Direct Payment	72400 Communication and audio-visual equipment	720.00
Internet subscription fee for six months (\$125x12)	X	X				UNDP	SIDA	Direct payment	72400 Communication & Audio-Visual Equipment	1,500.00
Payment to Janitorial services company for 1 cleaner/staff-12 months	X	X	X	X		UNDP	SIDA	Direct payment	74100 Professional Services	3,047.00 (80,417)
PROGRAMME MANAGEMENT TOTAL										
Project Implementation Total										
GMS (UNDP) 8%										
Misc. (Direct Project Cost)										
Grand total:										
										28,267.68
										52,149.00
										6433.00
										529,322??
										88,850.00

GCF Readiness Support Project

Year: 2018		PLANNED ACTIVITIES List activities to be implemented	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
EXPECTED OUTPUTS	Q1		Q2	Q3	Q4	Cash Transfer Modality		Funding Source	Budget Description	Amount
National										

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GCF Readiness Support Project

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Year: 2018		PLANNED ACTIVITIES				RESPONSIBLE PARTY	PLANNED BUDGET					
EXPECTED OUTPUTS	List activities to be implemented	TIMEFRAME		Q1	Q2		Q3	Q4	Cash Transfer Modality	Funding Source	Budget Description	Amount
National Designated Authority capacity enhanced to												
Baseline: 0												
EPA/NCCS has limited knowledge about GCF working	Activity 1.1: National consultant to peer review & edit the finalized gender differentiated GCF No-objection guide, revised NCCS ToRs, project terminal report through peer review, editing, formatting design								Direct Payment	GCF	71400	5,000.00
Targets: NDA/Focal knowledge of GCF working is increase to make Liberia benefits from the funding											Contractual Services- Individual	
Activity Result 1: GCF No-object guide and country program framework developed												

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New Readiness funding proposal developed	Activity 1.3: Convene a gender inclusive stakeholders' consultative meeting to mark final stage of the Readiness support project and validate new readiness support proposal	x	EPA/NCCS	Direct Payment	GCF	75700 Trainings, workshops & conferences	17,100.00	
		NCCS TORs revised	x	EPA/NCCS	Direct Payment	GCF	74200 Audio Visual & Print Prod Costs	5,000.00
							74200 Audio Visual & Print Prod Costs	6,000.00
Sub-total Activity Result 1							33,100.00	
Activity 2: National Climate Change Steering Committee & NCCS Terms of Reference revised								

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Bank charges, exchange losses, etc.		x			EPA/NCCS	Direct Payment	GCF	74500 Miscellaneous Expenses	1600.00
Procure one time office supplies and stationeries including Fuel/Gas and scratch cards for NDA office		x			EPA/NCCS	Direct Payment	GCF	72800 Supplies	4,000.00
Sub-total Project management									20,100.00
Grand total									105,200.00

Add-on Coastal Project: 2018

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EXPECTED OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activities to be implemented	Time Frame				RESPONSIBLE PARTY	Planned Budget			
		Q1	Q2	Q3	Q4		Cash Transfer Modality	Funding Source	Budget Description and code	Amount
		Activity Result: Capacity of senior county officials and decision makers to plan and respond to climate change strengthened								
1.1 Raised awareness of senior county officials, decision-makers and stakeholders. Baseline: Some awareness was done during CAP implementation Indicators: Inception workshop reports and video documentary Annual targets: 1 inception workshop; 1 video documentary conducted	Activity 1.1.1: Inception Workshop	X	X	X		MLME	Direct Payment	GEF/LDCF	75700 Training, workshops and conferences	5,000.00
	Activity 1.1.2: Collect or produce documents or videos to be used as communication material	X	X	X		NCCS/EPA	Direct Payment	GEF/LDCF	72100 Contractual Services-Company	6,500.00
	Activity 1.2.1: Conduct training on Management of climate induced coastal erosion and provide technical support to the project (Coastal Erosion Specialist)	X				MLME	Direct Payment	GEF/LDCF	71300 Local consultant	28,800
1.2 Capacity of the National Climate Change Secretariat (NCCS) is strengthened, Baseline: NCCS has no capacity for managing climate induced coastal erosion Indicator: # of individuals trained evidence by reports; Monthly payrolls showing salary paid to NCCS NC Annual target: At least 15 individuals trained	Activity 1.2.2: Salary support to NCCS (12 Months)	X	X	X	X	NCCS/EPA	Direct Payment	GEF/LDCF	71400 Contractual services-individual	45,000.00

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<p>1.3 A county coastal protection unit is established, staffed and equipped.</p> <p>Baseline: There is no county coastal protection unit</p> <p>Indicator: Availability of a county coastal protection unit in Montserrat</p>	<p>Activity 1.3.1: Identify technicians responsible for coastal protection at the county level from diverse agencies with a gender balanced perspective</p>	x						MLME	Direct Payment	GEF/LDCF	71400 Contractual services- individual	0	
	<p>Activity 1.3.2: Provide training for 75 persons (including if possible at least 10 women) from the 8 coastal counties on how to: measure beach movement; measure wave dynamics; monitor the impact of revetments</p>		X					MLME	Direct Payment	GEF/LDCF	75700 Training, workshops and conferences	30,000	
	<p>Activity 1.3.4: Provide equipment to monitor coastal erosion, facilitate integrated coastal area planning, monitor beach processes, design coastal protection in 3 coastal counties</p>			X				MLME	Direct Payment	GEF/LDCF	71400 Contractual services- individual	97,000	
<p>Activity Total</p>													
<p>Total output 1</p>													212,300
													212,300

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<p>1.4 A system for monitoring coastal zones and the maintenance of coastal protection infrastructures is established,</p> <p>Baseline: There is no ICZMU</p> <p>Indicator: Availability of a ICZMU equipped to carry out coastal monitoring</p> <p>Annual target: Established 1 ICZMU at MLME; Train at least 10 (6 male and 4 female) persons at the ICZMU; Provide basic equipment for coastal monitoring</p>	<p>Activity 1.4.1: Establish and equip one national integrated coastal zone management unit(ICZMU) for effectively monitoring coastal dynamics (training as well)</p>	X	X	X	MLME	Direct Payment	GEF/LDCF	71400 Contractual Services- Individual	51,500
<p>Activity Total</p>									51,500.00
<p>Total output 2</p>									51,500.00
<p>1.5. County development Agenda that fully addresses climate change prepared and approved.</p> <p>Baseline: Outgoing CDA were not climate sensitive</p>	<p>Activity 1.5.1: Support the National Climate Change Secretariat to deliver a training program for country and county agencies on how to mainstream climate change in the CDA and other county development strategies and programs</p>	x			NCCS/EPA	Direct Payment	GEF/LDCF	75700 Training, workshops and conferences	10,000

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<p>Indicator: Montserrat County development agenda, strategy or program address climate change issues</p> <p>Annual target: Support development of one county development instrument that addresses CC issues</p>	<p>Activity 1.5.2: Collect and document experience and lessons learnt from the mainstreaming of climate induced coastal concerns in the Montserrat CDA and other development strategies and program for sharing with the other coastal countries and through UNDP-GEF ALM</p>	X	EPA/UNDP							71400 Contractual Services- Individual	10,000
Activity Total											
Total output 3											
20,000.00											
20,000.00											
Activity Result: Sustainable and affordable measures to protect coastal areas against climate change impact demonstrated											
Output 2.1: At the sites of Hotel Africa and Kru Town, sustainable and affordable measures to protect coastal areas against climate change impacts are demonstrated.	Activity 2.1.1: Local planning and consultation to determine project approach and objectives	X	X	MLME							0
Baseline: 100 meters of breakwater constructed by GoL	Activity 2.1.2: Organize one behavior rule awareness raising workshop and mount rules on two bill boards for instigating corrective behaviors;			MLME	X				Direct Payment	75700 Training, workshops and conferences	18,000
Indicator: Rate of beach erosion and associated flooding at project site reduced (current rate estimated at 3-5 meters per year)	Activity 2.1.3a: Undertake a gender differentiated and coastal dynamic study for appropriate design that increase protection against			UNDP			X		Direct Payment	71200 International consultancy	30,000
Annual target: Construct 500 meters of breakwaters	Risks: The overall key risk to the project is the										

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	Vehicle (1)- PMU	x	x	x	x	x	x	x	MLME	Direct Payment	GEF/LDCF	72300 Equipment	45,000
	Vehicle (1)- NCCS	x	x	x	x	x	x	x	NCCS/EPA	Direct Payment	GEF/LDCF	72300 Equipment	45,000
	Vehicle fuel- PMU	x	x	x	x	x	x	x	EPA/MLME	Direct Payment	GEF/LDCF	72500 Supplies	1,800
	Vehicle fuel- NCCS	x	x	x	x	x	x	x	EPA	Direct Payment	GEF/LDCF	72500 Supplies	1,800
	Vehicle maintenance- PMU	x	x	x	x	x	x	x	EPA/MLME	Direct Payment	GEF/LDCF	72300 Equipment	1,500
	Vehicle maintenance- NCCS	x	x	x	x	x	x	x	EPA	Direct Payment	GEF/LDCF	72300 Equipment	1,500
	Stationery	x	x	x	x	x	x	x	EPA/MLME	Direct Payment	GEF/LDCF	72500 Supplies	5,000
	Sub- total												199,600
	Output 1												212,300
	Output 2												51,500.00
	Output 3												20,000.00
	Output 4												1,126,500.00
	Grand total												1,609,900

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SLG

EWS PROJECT: STRENGTHENING LIBERIA'S CAPABILITY TO PROVIDE CLIMATE INFORMATION AND SERVICES TO ENHANCE CLIMATE RESILIENT DEVELOPMENT AND ADAPTATION TO CLIMATE CHANGE ANNUAL WORK PLAN

Year: 2017/2018

CPD Outcome:#2: Inclusive and sustainable economic transformation informed by evidence-based macro-economic policy promoting access to livelihood, innovative and competitive private sector and efficient natural resource management #4: Liberian governance systems strengthened to ensure consolidation of peace and stability supported by effective and well-functioning institutions that foster inclusive participation of stakeholders, especially women and youth, with enhanced service delivery at local levels. Outcome 1: - Increased capacity of hydro-meteorological services and associated networks to monitor and predict extreme weather, climate related hazards and climate trends	EXPECTED OUTPUTS And baseline, associated indicators and annual targets				Responsible Party	Source of Funding	Cash Transfer Modality	Budget Description	Total Budget (USD)	
	Q1	Q2	Q3	Q4						
Output 1.1 Procurement and installation of 6 automatic hydrometric stations, including all associated infrastructure in critical areas across the country, including communications and centralized archiving technologies. Baseline: AWS 0 Hydrometric stations: 6 (procured by the Norwegian Water Resources and Energy Directorate (NVE)), 11 sites installed by EWS Project Indicator: <ul style="list-style-type: none"> Percentage of national coverage of climate monitoring network (fully operational). Annual Target: <ul style="list-style-type: none"> Six(6) sets each of AWS and 					MoT/UND P	GEF/LDC F	Direct Payment	72300 Equipment	\$ 300,000	
		X								
			X			MoT/UND P	GEF/LDC F	Direct Payment	72300 Equipment	45,400
				X		MoT/UND P	GEF/LDC F	Direct Payment	72300 Equipment	3,500
					X	MoT/UND P	GEF/LDC F	Direct Payment	72300 Equipment	302,643
Total Output 1.1									\$651,543	

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hydrological equipment to be installed around the Country

Activity Result 1.2: The capacity of hydro-meteorological service providers and associated networks to monitor and predict weather and climate hazards improved									
Action 1.2.1: Organized International Travels for training ,international workshops and conferences	X	X	X	X	MoT	GEF/LDCF	Direct Payment	72300	20,000
Action 1.2.2 Hire and Train females & males project staff including IPs and RPs (locally/Internationally)	X	X	X	X	MoT	GEF/LDCF	Direct Payment	75700 Training, workshop and conferences	15,000
Action 1.2.3 Conduct an all-inclusive Training for Hydrologists, Meteorologists, forecasters and other related courses	X	X			MoT	GEF/LDCF	Direct Payment	75700 Training, workshop and conferences	420,000
Total Output 1.2									\$455,000

Output 1.3:
Weather and climate forecasting systems enabled through procuring and installing the required equipment and through integrating of satellite observations for monitoring and assessing the changing state of the environment and the impact of current and future climate on key environmental variables.

Baseline: N/A

Activity Result 1.3: National Meteorological Centre (NMC) fully established functional and providing hydro-met services to end users.									
Action 1.3.1 Incentives for project staff (NPC, Fin & Admin , 2 Drivers and Cleaner)		X	X	X	MoT	GEF/LDC F	Cash transfer	71800 Contractual Services	88,830
Action 1.3.2 Hire international consultant to Conduct all-inclusive training on Satellite Distribution System (SADIS) at NMC incl, travel, DSA, Professional fees and workshop		X	X	X	MoT/RIA	GEF/LDC F	Cash transfer	International Consultancy 72300	70,000

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<p>NDRC</p> <ul style="list-style-type: none"> 5,000 each of friendly leaflets/documents on EWS distributed in all the counties Feedbacks on differentiated responses from the communities. 	Total Output 2.2						\$395,000	
<p>Action 2.3.1 Develop differentiated simulation exercises in the 3 priority districts</p>	X			MoT/MoA	GEF/LDCF	Direct payment	75700 Training, workshop and conferences	65,000
Total Output 2.3								\$65,000
Outcome 3: - Increased awareness in government, private sector and local communities of the major risks associated with climate change and use of available information when formulating development policies and strategies								
Activity Results 3.2: Coordination mechanisms								
<p>Output 3.2 Adaptation options (including EWS related options) developed for the most vulnerable sectors and local communities based on the identified climate change "hotspots".</p>				EPA/MoT	GEF/LDCF	Direct payment	75700 Training, workshop and conferences	50,000
<p>Baseline:</p> <ul style="list-style-type: none"> Agriculture adaptation options have been developed by CCAAP 	X							
<p>Indicator:</p> <ul style="list-style-type: none"> Development frameworks that integrate climate information in the formulation. 	X			MoT/UNDP	GEF/LDCF	Direct payment	75700 Training, workshop and conferences	25,000
<p>Annual Target:</p> <ul style="list-style-type: none"> 2 awareness workshops conducted that consider early warning in formulation of development planning. 	X							\$75,000
Total Output 3.2								\$75,000
Activity Results 3.3: System for inter-ministerial dialogue established between different line ministries and agencies through the revitalized NCCS								
<p>Output 3.3 A system established for inter-ministerial dialogue on incorporating climate change considerations into government policies and</p>	X			EPA	GEF/LDCF	Direct payment	71400 Contract	26,252

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<p>Implementing partners identified Conservation agreements benefits and commitments Conservation agreements implemented Community monitoring system developed Sustainability plan developed and implemented</p>	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
<p>Component 4: Knowledge sharing</p>	<p>Activity Total Total Output 3 Activity Result 4.1: Data collected from the target landscape used to test Commodities Integrated Approach Programme (CIAP) tool</p>																				31,975.00	361,917.00																																																																																																																																			
<p>Baseline: Limited and fragmented knowledge among stakeholders on integrated approach to sustainable oil-palm production</p>	x		CI																																																																																																																																																						
<p>Indicators: - # of assessments conducted # of reports</p>			CI	x																																																																																																																																																					

MULTI-PARTNER TRUST FUND (MPTF), 2018

Key Work Plan Components	Key Activities	Estimated Date of Completion (2017/18)				Key People Responsible	Budget (US\$)
		Q1	Q2	Q3	Q4		
Finalize and disseminate Multi-hazard national preparedness and response plan Baseline: There is already a health-based multi-hazard preparedness and response and communication plan Indicators: Availability of plans; validation reports Annual targets: -develop national multi-hazard and response and DRR communication plan - Provision of basic facilities for 3 CDMC	Hire consultant to analyze, update and finalize Multi-hazard preparedness and response plan						\$ 5,000.00
	Conduct a project start-up workshop						\$5,000.00
	Key stakeholder institutions to review and validate Multi-hazard Preparedness and Response Plan						\$10,000.00
	Disseminate through workshops and special clinics at County Disaster Management Committees						\$20,000.00
	Provide basic facilities and equipment for County Disaster Committees					UNDP	\$35,000.00
Establish multi-sectoral disaster	Undertake a stakeholder mapping of communication and information system						\$5,000.00

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<p>Information and communication Management system</p> <p>Baseline: There is a health-based D-IMIS</p> <p>Indicators: -national D-IMIS -advocacy materials -Availability of 3 communication hubs linked to NEOC</p>	<p>Hire a consultant to develop disaster communication and information management System (D-IMIS) defining its key elements</p> <p>Design and roll-out training on the use of D-IMIS, including key tools and templates for Situation Reports, Press Releases, web-page</p> <p>Design, produce and disseminate key information materials for advocacy and public awareness campaigns at national and county level, including use of social media</p> <p>Establish communication hubs and nodes to link to key emergency centres at the national and local level</p>	<p>UNDP</p>	<p>\$ 5,000.00</p>
<p>Annual targets: - Develop 1 national D-IMIS - 3 county hubs established</p>	<p>Hire and retain temporary: Communication Expert (6months)</p>	<p>UNDP</p>	<p>\$12,694.00</p>
<p>Establish Disaster Emergency Situation Room (National Emergency Operational Center-NEOC)</p> <p>Baseline: There is a health-based EOC</p> <p>Indicators: - Availability of a NEOC</p>	<p>Hire consultant to develop framework for NEOC</p> <p>Procure needed equipment and supplies for the NEOC and launch it</p> <p>Update and finalize needed SOPs and manual for disaster response; conduct training on their usage</p> <p>Hire temporary personnel: NEOC Manager,(6months)</p>	<p>UNDP</p>	<p>\$25,000.00 \$75,000.00 \$38,694.00 \$19,439.00</p>
<p>Indicators: - Availability of a NEOC</p>	<p>Hire temporary personnel: IT expert (6months)</p>	<p>UNDP</p>	<p>\$12,694.00</p>

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<ul style="list-style-type: none"> - Availability of SOPs and manuals for NEOC Annual targets: <ul style="list-style-type: none"> - Establish NEOC - Develop SOP and manuals - IT equipment set up 					
<p>Support to the operationalization of the NDMA</p>	<p>Provision of basic equipment and supplies (Computers, furniture, office supplies, communication)</p> <p>Procure 1vehicle (4X4 Jeeps) and maintenance cost for NDMA coordination and field monitoring</p> <p>Yamaha Motor Bikes 3 pcs and maintenance for use by County Disaster Management Committees (CDMCs)</p> <p>Design 3-year strategic plan, operational plans and SOPs and work plan for 2018</p> <p>Support to GSA assessment for the rehabilitation of the NDMA proposed office</p> <p>Project Analyst for 6 months to provide technical support to NDMA liaising with UNDP and partners (6months)</p>				<p>\$30,220.00</p> <p>\$36,000.00</p> <p>\$12,000.00</p> <p>\$15,000.00</p> <p>\$100,000.00</p> <p>\$15,793.00</p> <p>42,523.00</p> <p>\$650,000.00</p>
<p>Personnel Costs</p>					
<p>Indirect support costs</p>					
<p>Total Budget</p>					

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Part 3. Implementation and Management Arrangements

The programme will be implemented under a NIM modality. Following an agreement on the components of the programme by the Local Project Appraisal committee comprising of stakeholders and subsequent signing of the Programme document by the Ministry of Finance and Development Planning, the programme will be executed by key implementing partners/agencies mentioned in this document.

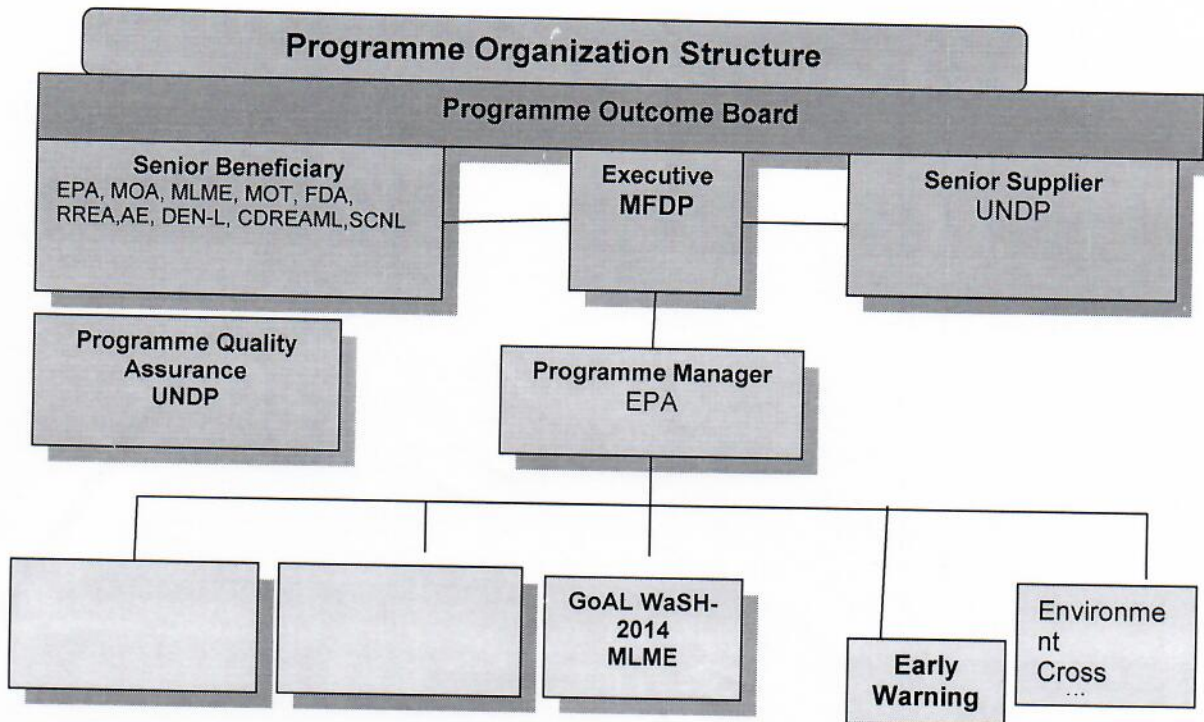
The implementing partners will be drawn from Government Ministries and Agencies, national academic institutions, national non-governmental organizations and civil society organizations based on comparative advantages and institutional mandates. Contracts will be awarded to Implementing Partners and Responsible Parties based on capacity assessments, which will determine the nature of implementation arrangements. The Project Board will on a quarterly basis under the auspices of EPA will meet to assess the progress made in programme implementation and make recommendation where necessary. The programme progress will be assessed by the annual work plan (AWP). In the case of the GEF Small Grant Program, it will be approved by the National Steering Committee to provide overall guidance as required by SGP/GEF's SOP.

Accordingly, the EPA will follow national systems and procedures and in reference to the national implementation guidelines on accounting, financial reporting and auditing and shall be responsible for maintaining records on all implementation actions, including financial records to the extent possible that they do not contravene UNDP financial rules and regulations.

UNDP will support the implementation of this programme, particularly in the areas for strengthening national implementation support of capacity within the country office. It will provide support services in the recruitment of staff and in the training and monitoring. It will work closely with the EPA to ensure policy direction, guidance and technical support to the project. In line with UNDP's Executive Board decision 98/2 "all costs associated with the delivery of other resources funded programme at country level are to be fully covered through cost recovery mechanisms". In this regards, General Management Service fee of approximately 7% if applicable will be charged on non-core resources mobilized in the implementation of this programme and 3% UNDP Implementation Support Services¹. A Project Board comprising the Environmental Protection Agency; UNDP as co-chair and, Ministry of Finance, Civil Service Agency and Civil Society Advisory Committee as members will be established. Other stakeholders may be added as the project evolves.

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PROGRAMME ORGANIGRAM



Financial Disbursement and Reporting

Financial Accountability: The Implementing Partner (the EPA) shall be responsible for ensuring that the allocated resources for the Annual Work Plan are utilized effectively in funding the envisaged activities and will be responsible to sign the combined delivery report in consultation with the Responsible Party (RP).

Under this program arrangement, the RP with specific work plan shall request funding directly from the UNDP based on the approved annual work plan in the application of the direct cash transfer modality. However, the EPA as the Implementing Partner shall be kept informed of all such requests and the UNDP shall inform the EPA of all such disbursements to the Responsible Party.

Under the National Implementation Modality arrangement, all requests for payment shall originate from the RP. The RP shall maintain a tracking system for the purpose of ensuring the accuracy and reliability of the combined delivery report. The tracking system in place shall ensure that envisaged disbursements are within the approved budgets. The tracking system shall track the disbursements and the commitments besides capturing expenditure records through direct payments and support services made by UNDP on behalf of the Implementing Partner.

Cash Transfer (NEX Advance) modality: The Harmonized Approach to Cash Transfer (HACT) modalities will be applied during the period of this program subject to current and or future results of capacity assessment. This shall be negotiated on a case-by-case basis specific to the circumstance of the IP and the RPs.

Where direct cash payment is applied, disbursement shall be done on a calendar quarter and the replenishment of such advances shall be subject upon submission of the financial report of the prior quarter expenditures. The Funding Authorization and Certificate of Expenditure (FACE) will be used as the financial reporting and request instrument. UNDP financial rules and regulations will apply on NEX Advance management, i.e. 80% of all previous outstanding NEX Advance/s made to the IP under all UNDP programmes/projects must be accounted for with supporting documents before the next NEX Advance is made to the IP.

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As part of quality assurance, the EPA and the UNDP shall ensure the timely liquidation and reporting of NEX advances. Any advance that is not liquidated two weeks following the submission deadline will result in the suspension of the Advance modality application to the IP and or the RP where applicable and payments will be effected on the basis of direct payment requests until such time that the outstanding advance is liquidated and the corresponding financial report is submitted.

Direct payments: As agreed, UNDP country office shall make direct payments to other parties for services procured by the Implementing Partner in accordance with the Annual Work Plan. Funds will be disbursed to vendors or third parties for obligations incurred by the Implementing Partner on the basis of requests signed by the designated official of the IP. Direct payments will be made to vendors or third parties for obligations incurred by UNDP in support of activities agreed with Implementing Partner.

The EPA designated official will sign the request for direct payment. For UNDP to procure the goods and services included in the AWP, Implementing Partner will draft the technical specifications for goods and the terms of reference for the services to be procured. Documentation of payment by the Country Office must be made available to the Implementing Partner. A register for such requests shall be maintained to facilitate follow-up.

Direct Agency Implementation: UNDP conducts expenditure from requisition through to disbursement with no cash being transferred to the implementing partner. However, the implementing partner has full programmatic control and so full control over expenditures – refer to Letter of Agreement between UNDP and the Government of Liberia for the Provision of Support Services.

Direct Project Services for GEF- Financed projects

Direct project Costs (DPC) are cost that are incurred by UNDP that are execution-driven and are incurred for and can be traced in full to, the delivery of the project inputs. These execution-related costs are complete separate and distinct from General Management Support (GMS) cost that are incurred by UNDP regardless of the implementation/execution modality chosen for the projects.

DPCs normally relate to operational and administrative support activities carried out by UNDP offices on behalf of Direct Implementation Modality (DIM) or Country Office support to National Modality (NIM) projects such as:

- a) HR activities, including recruitment of project personnel, issuance of project personnel contracts, etc
- b) Costs incurred in the process of undertaking procurement activities of project goods and services and
- c) Finance transactions that are performed on behalf of an implementing partner.

Financial Reporting: The UNDP, when requested shall provide a monthly print-out of project finances to the Implementing Partner prior to the release of the CDR. The Implementing Partner should verify the Expenditures/disbursements and revert to UNDP for any correction to be made. On quarterly basis, UNDP will submit to the Implementing Partner the Combined Delivery Report (CDR) for verification and signature as a true record of quarterly expenditure report.

Fiduciary Compliance: In managing the Annual Work Plan resources, the Implementing Partner has fiduciary and compliance responsibilities to UNDP. It also has compliance responsibility for UNDP's reporting procedures.

Procurement of Goods and Services: Liberia's Government established rules and procedures governing procurement may be used when Government procures, as long as it does not contravene UNDP's rules and procedures. However, UNDP must be informed of procurement processes within the Implementing Partner and when necessary UNDP must be represented in procurement committees that are held to evaluate quotations and bid offers.

Both the IP and the RP shall maintain a fixed assets registry of all equipment procured during the program duration. Ownership of equipment, supplies and other properties financed from the UNDP

funding shall be considered as UNDP's, unless title is transferred on purchase. Matters relating to the transfer of ownership by UNDP shall be determined in accordance with the relevant policies and procedures of UNDP.

V: MONITORING & EVALUATION

Monitoring is a continuous function that aims primarily at providing management and main stakeholders of a country programme or a project with early indications of the progress, or lack thereof, towards delivering intended results. Effective monitoring is not demonstrated by merely producing reports in a prescribed format at set intervals. As a minimum, on annual basis, the following monitoring activities must be carried out in accordance with the programming policies and procedures outlined in the UNDP User Guide:

- On quarterly basis, progress reports on implementation of the different program activities by both the IP and the RPs shall be submitted to the EPA. The EPA will then submit the consolidated program progress report to the UNDP.
- An Issue Log shall be activated in Atlas and updated to facilitate tracking and resolution of potential problems or requests for change.
- A risk log shall be activated in Atlas and regularly updated by reviewing the external environment that may affect the AWP implementation.
- A Monitoring Schedule Plan shall be activated in Atlas and updated to track key management actions/events
- An annual review shall be conducted during the fourth quarter of the year or soon after, to assess the performance of the AWP and appraise the Annual Work Plan (AWP) for the following year.
- A representative from the UNDP office should visit each project at least on quarterly basis. Field visits serve the purpose of results validation and provide latest information on progress for annual report preparation. Field visits should be documented through brief and action-oriented reports, submitted within the week of return to the office.
- Joint M&E Visits will also be undertaken to include the MPEA, UNDP, the IP and the RP.

AUDIT CLAUSE

Audit is an integral part of sound financial and administrative management, and part of the UNDP's accountability system. Audit services cover the overall management of the project's implementation, monitoring and oversight. The audit of projects nationally implemented by Government or by non-governmental organizations will be more of a financial nature that is ultimately meant to have the auditors express their opinion on:

- The annual expenditure (Combined Delivery) ;
- The assets and equipment;
- The cash position of a given project.

To this effect, the audit work should include the review of work plans, progress reports, project resources, project budget, project expenditure, project delivery, recruitment, operational and financial closing of projects (if applicable) and disposal or transfer of assets. As part of its assurance responsibilities, UNDP will conduct spot checks on the assets and documentation on the use of project resources.

Annual Audit

Annual audits will be conducted by the legally recognized auditor of the Government, or by a private audit firms engaged by UNDP in consultation with Government Coordinating Agent in accordance with the established procedures set out in the Programming and Finance manuals.

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LIST OF ACRONYMS

ACMAD	African Centre of Meteorological Application for Development
ALM	Adaptation Learning Mechanism
AWP	Annual Work Plan
BCPR	Bureau of Crisis Prevention and Recovery
BDP	Bureau of Development Policy
CBD	Convention on Biological Diversity
CBOs	Community-based Organizations
CC	Climate Change
CD	Country Director
CDS	Coastal Defense Systems
CHM	Clearing House mechanism
CNA	Capacity Needs Assessment
COP	Conference of the Parties
CP	Country Programme
CTA	Chief Technical Advisor
DIM	Direct Implementation Modalities
DRM	Disaster Risk Management
EIA	Environmental Impact Assessment
EFA	Environmental Foundation for Africa
EPA	Environmental Protection Agency
FDA	Forestry Development Authority
F&A	Facilities & Administration
GEF	Global Environment Facility
GoAL Hygiene	Wash Governance, Advocacy and Leadership for Water, Sanitation and Hygiene
GOL	Government of Liberia
ICM	Inter-agency Coordinating Unit
ICMU	Integrated Coastal Management Unit
IUCN	International Union for Conservation of nature
IT	Information Technology
ISS	Implementation Support Services
KMN	Knowledge Management Network
LC	Land Commission
LNRCS	Liberia National Red Cross Society
LISGIS	Liberia Institute for Statistics and Geo-Information Services
LDC	Least Developed Countries
MIA	Ministry of Internal Affairs
MoLME	Ministry of Lands, Mines and Energy
MOT	Ministry of Transport
MPEA	Ministry of Planning and Economic Affairs
MSP	Medium-Size Project
NAP	National Action Plan
NDRC	National Disaster Relief Commission
NGOs	Non-governmental Organizations
NIM	National Implementation Modalities
NPO	National Programme Officer
NWRSB	National Water Resources and Sanitation Board
PC	Personal/Portable Computer
PEI	Poverty and Environment Initiative
PPG	Project Preparatory Grant
PRS	Poverty Reduction Strategy
REDD	Reducing Emissions from Deforestation and Forest Degradation
RREA	Rural Renewable Energy Agency
SAICM	Strategic Approach to International Chemicals Management
SEA	Strategic Environmental Assessment

SGP	Small Grant Programme
SIA	Social Impact Assessment
SIDA	Swedish International Development Assistance
SIDs	Small Islands Developing States
SIERA	Strategic inventory and Evaluation Risk Assessment
SLM	Sustainable land Management
SMC	Strategic Management of Chemicals
SOE	State of the Environment
SOER	State of the Environment Report
TEMATEA	Thematic Environmental Modules As a Tool for Environmental Agreements
UN	United Nations
UNDAF	United Nations Development Assistance Framework
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNFCCC	United Nations Framework Convention on Climate Change
WSSC	Water Supply and Sanitation Commission

ⁱ Trees cover, shades trees provide

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