



**Twelve Months work plan EFY 2012/13 UNDP FY 2020**

**United Nations Development Program Ethiopia**

**Project Title:** Integrated Landscape Management to Enhance Food Security and Ecosystem Resilience in Ethiopia

**Management Arrangements :** National Implementation Modality

**UNDAF/Country Program Outcome:** By 2020 key Government institutions at federal and regional levels including cities are better able to plan, implement and monitor priority climate change mitigation and adaptation actions and sustainable resource management.

**UNDP Strategic Plan Output 1.3:** Solutions developed at national and subnational levels for sustainable management of natural resources, ecosystem services, chemical's and waste

**Implementing Entities/Responsible partners:** Environment, Forest and Climate Change Commission

**Executing Entities/Implementing partners:** Environment, Forest and Climate Change Commission

**Other partners:** Zones, Woreda, kebele technical staff and local community

**Brief project description:**

Smallholder farming (cultivation and pastoralism) is the mainstay of Ethiopia's economy across the six regions in which this project will be implemented. Farming takes place in often highly degraded and vulnerable environment where there is substantial loss of vegetation, associated erosion and declining soil fertility. Huge demand for natural capital including biomass fuel exacerbates environmental degradation and affects food production. This project is implementing an integrated approach that brings together capacity to achieve food security with the need to restore and sustainably manage key environmental resources. It does this through three interrelated components: Component 1: Ensures multi stakeholder platforms are in place to support the dissemination and uptake of integrated approaches; Component 2: develops specific approach and puts in place effective mechanism to scale up across target sites and, widely in the country; and Component 3: establish systemic monitoring, assessment, learning and knowledge management mechanisms that support influencing at wider scale in Ethiopia-and via the regional Hub Project across other SSA countries under the IAP. Infusing all components is a commitment to gender responsive development, in which women stakeholders within smallholder communities play a central role in economy and environment transformations.

The project implemented in 12 districts (woredas) in six regions for project implementation. The project established a project management unit at federal level comprising (The project manager, finance officer, M&E officer, driver and secretary cashier (to be hired). At woreda level there are project coordinators one for each woreda.

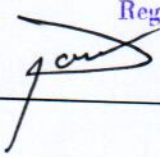
Programme period: Apr 2017-Apr 2022 Atlas Award ID: Project ID: PIMS #	Total resource required: \$ 2,011,164.00  GEF: \$ 1,930,164  UNDP: \$ 81,000.00  In-kind contributions: -----
Start date: Jan 2020 Ending date: Dec 2020	
Management Arrangements: _____ PAC meeting date: _____	

Agreed by IP EFCCC  Date \_\_\_\_\_

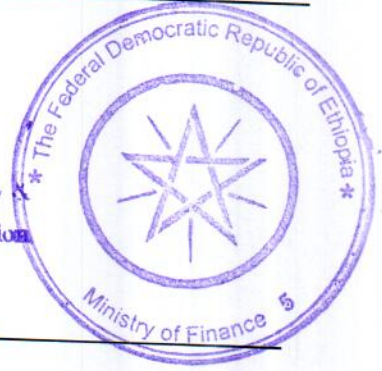


Fakadu Beyene (Prof.)  
Commissioner

Agreed by MoF \_\_\_\_\_



Yonas Getachew  
UN Agencies, CRGE Facility  
Regional Economic Cooperation  
Directorate Director



Date \_\_\_\_\_

Agreed by UNDP:  Date 23/12/19



ILM to ENAHCE FOOD SECURITY and ECOSYSTEM RESIELIENCE PROJECT 2020 Year Annual Work Plan (AWP)

EXPECTED OUTPUTS and indicators including annual targets	PLANNED ACTIVITIES to be undertaken during the year towards stated outputs	Time Frame				RESPONSIBLE PARTY	Source of Fund	Budget Code and Description	Amount in USD
		2020							
		Q1	Q2	Q3	Q4				
Outcome 1.1 Multi-stakeholder and multi-scale platforms in support of integrated natural resources management in agricultural landscapes in place									
Output 1.1.1 Functioning multi-stakeholder platforms in place in the project sites and regional level mechanisms are created Indictor 1: Number of workshops conducted at wordeda Indicator2: Number of workshops conducted wordeda/regional level Indicator 3: Number of steering committee meeting conducted at federal Indicator 4: Number of environmental school clubs strengthened Baseline: Lack of well-established and functioning MSP and staff have limited capacity to implement the system Target 1: Two steering committee meeting conducted at federal level and regional level Target 2:Atleast 4 meeting/visits conducted at each wordeda Target 3: At least 1 MSP meeting/workshop conducted at zonal/regional level Target 4: strengthen and support 36 environmental school clubs	Action 1.1.1.1Conduct steering committee meetings and monitoring visits at wordeda level in 12 wordeda every quarter	6,000	6,000	6,000	6,000	EFCCC	GEF	71600: travel costs, perdiem and transport	24,000
	Action 1.1.1.2. Conduct steering committee meeting at federal level, twice in a year	-	3000	0	3,000	EFCCC	GEF	71600: travel costs, perdiem and transport	6,000
	Action 1.1.1.3 conduct regional/ zonal level progress monitoring visits and meetings (twice in a year in 6 regions)	6,000	0	6,000	0	EFCCC	GEF	75700: travel costs, refreshment stationary and perdiem	12,000
	Action 1.1.1.4 : Support the existing 36 environmental school clubs.	6000	6000	6000	6000	EFCCC	GEF	72500: supplies, equipment's and materials	24,000



Output 1.2.1. Value chain approaches integrated with sustainable production systems, including reduction of post-harvest losses and a focus on livestock grazing and dung utilization Indicator: Number of workshops and business linkage created Base line: The value chain approach is not properly identified and adequately integrated in sustainable production system Target 2: At least one public forum and one business linkage created in each the 12 target woredas	Action 1.2.1.2. Conduct discussion with communities to reduce post-harvest loss, open grazing, dung utilization. In addition create vertical and horizontal linkage among VC actors for value chain development (Actors meeting, business to business forums, etc.)	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	7,500.00	75200: workshops related costs	30,000
Sub-Total output		25,500.00	22,500.00	25,500.00	22,500.00	25,500.00	22,500.00	25,500.00	EFCCC	96,000.00

Outcome 2.1 Increased land area and agro ecosystem under Integrated land management

Output 2.1.1: 60,000 ha of communal land with improved soil and water management Indicator 1: Number of materials provided for implementation of ILM practices Indicator 2: Land size rehabilitated Indicator 3: Number of HHs provided with inputs and technology on the reduction of biomass energy Baseline: No clearly identified site specific watersheds and kebeles for interventions and no formally	Action 2.1.1.1. Provide hand tools and material support for beneficiary 60,000 HHs who are involved in landscape management activities both at communal land and their own farm land  Action 2.1.1.2. Rehabilitate 30,000 hectare critically degraded communal land in 12 woredas	50,000	80,000	80,000	80,000	80,000	80,000	80,000	72200: inputs (materials and seedlings etc for water shade activities)	210,000
Sub-Total output		10,000	10,000	10,000	10,000	10,000	10,000	10,000	71600: to cover cost of travel for communities and expert	40,000



<p>agreed implementation of approach's and limited capacity of government staff and development</p> <p>Target 1: 60,000 HHs and 180 development workers trained on Integrated landscape management</p> <p>Target 2: 30,000 hectare of critically degraded land rehabilitated</p> <p>Target 3: 10,000 hhs provided with provided with inputs and technology on the reduction of biomass energy input for clean energy</p>	<p>Action 2.1.1.3. Provide inputs and technological support for 10,000 beneficiaries to reduce biomass fuel consumption</p>	30,000	30,000	30,000	30,000	EFCCC	GEF	75700 on job training for community members refreshment stationary and perdiem	120,000
	<p>Action 2.1.2.1. provide modern extension services to apply climate smart agriculture, soil fertility technologies to 60,000 hh and rehabilitate 30,000 hectare of farm land.</p>	40,000	40,000	40,000	40,000	EFCCC	GEF	72200: the cost of materials and inputs	120,000
<p>Out put 2.1.2. 60000 ha of farm land are under diversified production</p> <p>Indicator 1.1 : Number of households having access to modern extension system</p> <p>Indicator 1.2 no of hectares of farm/grazing land under ILM management</p> <p>Indicator 2: Amount (kg/no) of inputs provided to HHs</p> <p>Indicator 3: Amount (kg/No) of inputs provided to model farmers</p> <p>Indicator 4: Number of field visits organized at woreda level</p> <p>Indicator 5: Number of organized field visits at federal</p> <p>Indicator 6: Number of value chain actors provided with technologies and inputs</p> <p>Indicator 7: Number hh who have access to irrigation water and lad size under</p>	<p>Action 2.1.2.2 provide input to 30,000 HHS to increase diversified agricultural products and soil fertility management at landscape level</p>	15,000	15,000	15,000	15,000	EFCCC		75200: on job training costs for HHs	60,000
	<p>Action 2.1.2.3. Provide inputs for 600 model farmers on different livelihood activities to develop on farm demonstration sites</p>	50,000	50,000	50,000	50,000	EFCCC	GEF	72200: Cost of inputs, transportation, and logistics during purchasing	200,000
		24,000		21,000		EFCCC	GEF	72200: input costs for on farm demonstration	45,000



irrigation Baseline 1: Lack of clearly Identified option for diversification Baseline 2: Limited awareness and capacity on diversified production Target 1: 160000 HHs engaged in climate smart agriculture through modern extension Target 1.2. 30,000 hectares of farm land under ILM management Target 2: 600 quintal seed and 30000 animals( poultry, sheep/goat, dairy cows, modern beehive) inputs provided to 30000 HHs Target 3: 30 quintal seeds,, and 1500 different animal distributed for model farmers Target 4: 24 field visits conducted at woreda level Target: 5. field visit/experience sharing visits organized at federal level Target 6: At least 50 value chain actors provided with technologies/inputs in 12 woredas Target: 7. 1000 hh having access to irrigation water and 500 hectares of land under irrigation system	Action 2.1.2.4. Organize farmers to farmers extension exchange visits and on farm demonstration site visit at woreda level	0	15,000	0	15,000	EFCCC	GEF	71600: travel cost for farmers	30,000	
	Action 2.1.2.5: Organize farmers to farmer exchange visits at federal level	0		30,000			EFCCC		71600: travel costs, refreshment stationary and perdiem	30,000
	Action. 2.1.2. 6. Provide selected technologies, inputs and business development services for more than 600 value chain actors focusing on gender mainstreaming in to the value chains.	25,000	25,000	25,000	-		EFCCC	GEF	72200 : input delivery	75,000
	Action 2.1.2.7: create access to irrigation water supply for 1000 beneficiary hhs to cover 500 ha of land	75,000.00	85,000.00	85,000.00	85,000.00	85000	EFCCC		72100: Cost of constructors companies to build small scale irrigation systems	330,000



<p>Output 2.1.3.a 10,000 ha of agro-pastoral system under ILM</p> <p>Indicator 1: Degraded land size rehabilitated</p> <p>Indicator 2: Number of seedlings provided and planted</p> <p>Indicator 3: Land size cleared from invasive plant species</p> <p>Baseline: Absence of option for ILM in pastoral areas</p> <p>Target 1: 5000 hectares rehabilitated (2000 hectare protected and enclosed)</p> <p>Target 2: 5000 fodder/forage plants at each of the 4 woredas planted</p> <p>Target 2: 3000 hectares converted to productive farm or grazing land rehabilitated by clearing invasive plants</p>	<p>Action 2.1.3.1. Rehabilitate 5000 hectares of pastoral land to convert it to productive grazing and farm land by enclosing critically degraded land, by clearing invasive plants and planning fodder trees</p>	<p>10,000</p>	<p>15,000</p>	<p>15,000</p>	<p>15,000</p>	<p>10000</p>	<p>EFCCC</p>	<p>71600travel costs, refreshment stationary and perdiem</p>	<p>50,000</p>
<p>Output 2.1.3.b. 1200 HHs with increased access to food through off farm activities</p> <p>Indicator 1: Number of hh in the additional SHG organized</p> <p>Indicator 2: Number of HHs provided with entrepreneurship and marketing training</p> <p>Indicator 3: Number of SHG linked to local financial institutions</p> <p>Baseline: HHs have limited awareness an capacity to engage in improved framing systems and of farm activities</p> <p>Target 1: 1200 hh in organized 60 SHG</p> <p>Target 2:12000 hh trained</p> <p>Target 3:60 SHG linked to local financial institutions</p>	<p>Action 2.1.3.b.1. Organize and train 60 SHG on group management and entrepreneurship to benefit 1200 hh</p> <p>Action 2.1.3.b.2. Link 60 SHG groups to local financial institutions to facilitate credit services by providing in kind assets as business inputs.</p>	<p>15,000</p>	<p>15,000</p>	<p>15,000</p>	<p>15,000</p>	<p>EFCCC</p>	<p>75700: training costs</p>	<p>45,000</p>	
<p>Target 1: 1200 hh in organized 60 SHG</p> <p>Target 2:12000 hh trained</p> <p>Target 3:60 SHG linked to local financial institutions</p>	<p>25,000</p>	<p>25,000</p>	<p>25,000</p>	<p>25,000</p>	<p>15,000</p>	<p>EFCCC</p>	<p>72200: Inputs as business assets to start business for SHGs</p>	<p>90,000</p>	



Outcome 2.2 Increase in investment flows to integrated natural resources management	<p>Output 2.2.1. US\$ 2m investment by lateral and multilateral organizations and private sector</p> <p>Indicator 1: Total amount of money in USD invested in ILM by private, bilateral and multi lateral organization</p> <p>Baseline: Absence of mechanism and policy instrument that incentivized the private sector to involve natural resource management</p> <p>Target 1: Documentation and dissemination of project activities in print and electronics mass medias</p> <p>Target 2: At list one investor involved in ILM activities per worda to generate a total of 2M usd additional investment.</p>	Action 2.2.1.1. Document project results on audiovisual and print production and disseminate to mobilize additional resource to ILM activities	37,000	30000	0	GEF	74200: Audio visual and print document production, dissemination of learning best practices.	67,000	-
Sub-Total output		369,000	442,000	471,000	230,000			1,512,000	
Outcome 3.1. Capacity and Institutions in place to incorporate resilience into project		811,000.00			701,000.00				

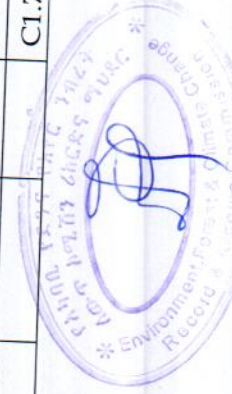




<p>Out put 3.1.1. Framework for monitoring Multi scale ecosystem services and global environmental benefits (GEB) and resilience for food security established at national and landscape level  Indicator 1: Number of Multi scale monitoring ecosystem services systems established and applied  Indicator 2. Data collection and monitoring program developed  Indicator 3: ongoing monitoring report submitted  Indicator 4: number of project staff trained  Baseline: Absence of multi-scale monitoring of ecosystem services, resilience Atlas and Vital signs data collected and uploaded at project page at landscape level</p>	<p>Action 3.1.1.1. Establish and run a system for Multiscale monitoring of ecosystem services and GEBs and vital signs monitoring landscapes in each six regions and 12 woredas (1. Establish, 2. vital sign</p>	12,000	12,000	12,000	12,000	EFCCC	GEF	72100, 72400,800 payment for contractual service, IT equipment and telecom cost	48,000
<p>Target 1: 1 multistage monitoring ecosystem service system established  Target 2: 1 Data collection and monitoring program developed  Target 3: 48 ongoing monitoring report(quarterly report) submitted  Target 4: 40 project staff trained on project M&amp;E</p>	<p>Action: 3.1.1.4. Provide capacity building training on project monitoring and evaluation</p>	15,000.00	15,000.00			EFCCC		75700 training costs for experts	30,000.00



<p>Output 3.1.2. At least one gender-sensitive decision-support tool and participatory process applied</p> <p>Indicator 1. Number of gender-responsive systems/ initiatives in place to monitor multi-scale ecosystem resilience, food security and GEBs at national and landscape levels sites</p> <p>Target apply at list one gender sensitive tool to monitor multi-scale ecosystem resilience, food security and GEBs provided for 12 woredas</p>	<p>Action 1.1.2.1. Apply the gender mainstreaming action plan and decision support tool at woreda and landscape level by creating awareness through discussion and community conversation</p>	12,000	12,000		EFCCC	GEF	75700: Training for gender teams and Community Conversation, refreshment stationary and perdiem	24,000
<p>Output 3.1.3. Action research and a learning framework in place for scaling up innovation</p> <p>Indicator 1: number of new technologies piloted in the woreda</p> <p>Baseline: There is no a learning framework that can link higher learning and research institutions to landscape management and food security innovations</p> <p>Target 1: One new green technology applied per woreda.</p>	<p>Action 3.1.6.2. Pilot new green technologies in collaboration with the EFCCC technology directorate and Higher learning and research institution in developing knowledge or learning framework for scaling up innovations</p>	6,000	6,000	6,000	EFCCC	GEF	72300 and 75700 Cost to cover to pilot and apply innovative technologies (material cost and training)	24,000
Sub-Total output		45,000.00	45,000.00	18,000.00				126,000.00
Project management				36,000.00				
Salary for woreda staff		36666					Cl.71200	36666



PMU staff salary		36666		36666		36666				EFCCC	GEF	C2, 71200, C2. 71300,	109998
Supplies		15250		15250		15250				EFCCC	UNDP	C3:71200,71300	61000
Miscellaneous		9000		9000		9000				EFCCC	GEF	C4:71400	36000
		250		250		250				EFCCC	GEF	C4:72500	1000
												C4:74500	
												C4:75700 (training of woreda staff)	12500
Project staff capacity building		5000		5000		5000				EFCCC	UNDP	C4:75700 (local and international workshops and meetings)	20000
		78666		66166		66166							277164
GRAND TOTAL													2,011,164.00

