



Empowered lives  
Resilient nations

# Ethiopia Forestry Development

## Highland CCA Growth Project

### 2022 Budget Year Annual Activity and Financial Performance Report

(for the period of 1 January 2022 to 31 Decemehr 2022)



Decemehr 2022

Addis Ababa Ethiopia

## **I. Executive Summary**

Ethiopia is a landlocked country with a population of about 101,500,000 people, of which about 80% of whom live in rural areas. The Ethiopian economy has grown rapidly in the last decade primarily as a result of increased agricultural production. The agricultural sector accounts for more than 80% of total employment and 45% of the country's GDP. Farming is undertaken mainly by small-scale rural farmers whose activities are often unsustainable. This is because farmers are forced to cultivate the land and graze livestock on steep slopes with fragile soils to meet daily food needs. The watersheds in such mountainous land are further mismanaged through the overharvesting of trees for fuel wood. As a result of these factors – as well as intense and infrequent rains – topsoil erosion and land degradation are widespread across the Ethiopian highlands. Local communities in the Ethiopian highlands are increasingly vulnerable to the above climate change effects. Their agricultural productivity is being greatly impeded in particular by increased rainfall variability, droughts, floods, soil erosion, and the limited availability of surface and groundwater for irrigation and drinking needs. Stream flows are decreasing, groundwater levels are declining, mountain springs are drying up and their lakes are increasingly being silted up. Certain crops that were being grown in the past are no longer able to be farmed. Predicted future climate change will further exacerbate their vulnerability to climate change. To increase the climate resilience of local communities in the Ethiopian highlands, the proposed LDCF project will: 1) integrate climate change risk adaptation measures into federal, regional, and Woreda-level development planning, budgeting, and execution; 2) improve the availability of climate information products; 3) undertake climate-smart integrated watershed management for improved rainwater harvesting and retention; 4) introduce climate-smart agricultural practices, and 5) diversify livelihoods. This will be achieved through three complementary components that focus, respectively, on capacity development, provision of climate risk information, and investments in climate-smart land management. The project is being implemented by Ethiopian Forestry Development. The project was expected to be completed by April 2022. However, it is being implemented by expanding it for 1 year No-Cost Extension, that is until April 2023 according to the decision of the national PSC and UNDP in order to complete some activities that have not been implemented due to the conflict that



occurred in some areas of the country since 2019 and the outbreak of Covid-19. Accordingly, the activities planned to be carried out in the 4<sup>th</sup> year of 2022 are summarized and presented as follows: During the 2022 budget year there are a number of activities planned under the three outcomes of the project and their respective achievements are summarized as follows:

- Farmer's field days and demonstrations were organized in each of the 8 project sites to share experiences and lessons as well as maintain strong linkages and partnerships between farmers and extension agents. And a total of 3,615 (M 2,070 F 1,745) beneficiary farmers and 37 (M 25 F 12) extension agents participated in the program.
- Farmer's field days and demonstrations were organized in each of the 8 project sites to share experience and lessons as well as maintain strong linkages and partnerships between farmers and extension agents. And a total of 3,615 (M 2,070 F 1,745) beneficiary farmers and 37 (M 25 F 12) extension agents participated in the program.
- A forum Meeting in 6 Woredas was carried out and a total of 379 (166 M 163 F) farmers and 50 (37 M 13 F) extension agents shared lessons learned and practical experiences gained through the project implementation among and between the project coordinators, beneficiaries, and key stakeholders such as Universities and research institutes.
- A downscaled 3 seasonal (Meher, Bega & Belg) and 43 decadal weather forecasts have been generated and disseminated to the public by the Ethiopian Meteorological Institute (EMI) across the project Woredas.
  - Further, information on the Kiremt & Belg based on the seasonal forecast practice as well as agrometeorological has been disseminated to a total of 318,589 (162,694 M & 155,895 F) beneficiary farmers. The beneficiaries farming communities used the information and agrometeorological advisory service during their farming practice.
- During this reporting period, the agriculture demonstrations have been well managed and demo site visits conducted across the project sites. Accordingly, a total of 6,481 (M 3,898 and F 2,583) beneficiary farmers' experience and skills have improved CCA farming skills and CSA technology adoption.
- During this reporting quarter, a total of 2,729,589 multipurpose trees and fruit trees including grafted avocado, mango, apple, and coffee seedlings have been raised and planted over the area of 1065.9 hectares of the degraded watershed area across all the project Woredas.



- A total of 1065.9 ha of land covered by plantation and a total of 972.2 ha of the degraded area is protected and managed.
- The project beneficiaries have been provided support based on the identified climate-smart technologies. Accordingly, a total of 3081 (2098 M & 983 F) beneficiary farmers have been able to practice/implement CSA technology across the entire project Woredas.
- A total of 8 big sized PV pumps have been installed and with these PV pumps, a total of 1440 farmer beneficiaries have been able to irrigate a total of 360 hectares of farmland for the dry season irrigation practice
- A total of 36 household level PV pumps have been installed and with these PV pumps, a total of 180 farmer beneficiaries have been supported to irrigate a total of 47 hectares of cropland for dry season irrigation practice
- A total of 3300 women and female-headed household project beneficiaries have been provided with technical support in livelihood diversification and income generation interventions including dairy farming, beekeeping, small ruminant rearing, poultry farming, crop production, etc.
- Furthermore, regular monitoring to project sites from the woreda PSC, woreda project technic team, regional staff, and PMU has been conducted, and appropriate feedback provided to improve the project implementation.



Table 1. Progress Report

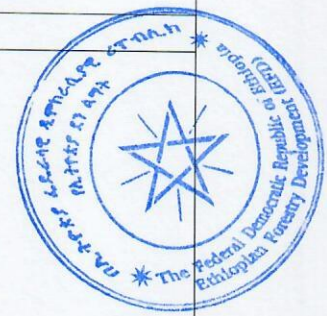
Output Indicators and annual Targets (1)	Planned Activities (2)	Cumulative result achieved since Q 1 (4)	Expenditure (USD) (5)		Remark (6)
			Budget Allocated	Expenditure To Date Budget Balance	
<b>Outcome 1: Capacities enhanced for climate-resilient planning among communities, Woreda, regional and federal governments</b>					
<p><b>Output 1.3: Training of extension agents and local communities to integrate climate change into planning processes.</b></p> <p><b>Indicator 4:</b> Number of farming communities covered by climate-smart and knowledge-based extension services.</p> <ul style="list-style-type: none"> <li>· <b>Baseline:</b> Zero (0)</li> <li>· <b>Target:</b> Eight (8) communities (2 per Woreda)</li> </ul> <p><b>Indicator 2:</b> Number of annual/bi-annual cross-regional knowledge-sharing forums held</p> <ul style="list-style-type: none"> <li>· <b>Baseline:</b> Zero (0)</li> <li>· <b>Target:</b> At least one (1) inter-regional knowledge-sharing forum held at the</li> </ul>	<p><b>Activity 1.</b> Maintain strong linkages and partnerships between farmers and extension agents</p> <p><b>Action 1.1.3</b> organize field days and demonstrations to share experience and lessons well as maintain strong linkages and partnerships between farmers and extension agents.</p>	<p>This activity has been performed as planned.</p> <ul style="list-style-type: none"> <li>• Farmer's field days and demonstrations were organized in each of the 8 project sites to share experience and lessons as well as maintain strong linkages and partnerships between farmers and extension agents. And a total of 3,615 (M 2,070 F 1,745) beneficiary farmers and 37 (M 25 F 12) extension agents participated in the program.</li> </ul>	7800	7800	00



national level	<p><b>Activity 2.</b> Share Experiences and innovations between the established forum members</p> <p><b>Action 1.4.1:</b> Organize 1 inter-regional forum meeting at the national level that includes participants from the 8 Woreda level forum members to share experiences and innovations through the available forums</p> <p><b>Activity 3.</b> Car and equipment maintained</p> <p><b>Activity1.4.2</b> Cover car and equipment maintenance cost</p> <p><b>Activity 4</b> Woreda staff monthly salary Paid.</p>	<p>This activity has been performed as planned.</p> <ul style="list-style-type: none"> <li>• A forum Meeting in 6 Woredas was carried out</li> <li>• And a total of 379 (166 M 163 F) farmers and 50 (37 M 13 F) extension agents shared lessons learned and practical experiences gained through the project implementation among and between the project coordinators, beneficiaries, and key stakeholders such as Universities and research institutes.</li> </ul>	5000	5000	00
	<p>This activity has been performed as planned.</p> <ul style="list-style-type: none"> <li>• during this reporting Year, 3 project car services and maintenance cost has been fully provided.</li> </ul>	4,143.55	4,143.55	00	
	<p>This activity has been performed as planned.</p> <ul style="list-style-type: none"> <li>• during this reporting period, the Project financial management of staff salary, contractual services -</li> </ul>	24,689.25	24,689.25	00	



	<p><b>Action 1.4.3:</b> Conduct salary payment for Woreda Project Officer (WPO) and Woreda project Finance officers.</p>	<p>individual, and office supplies has been fully provided.</p>				
<b>Outcome 2: Use of climate information for climate risk management strengthened – including for women and youths</b>						
<p><b>Output 2.2: Community-based climate forecast and decision-making support tool.</b></p> <p><b>Indicator:</b> Number of extension agents and farmers/community members</p> <ul style="list-style-type: none"> <li>● <b>Baseline:</b> Zero (0)</li> <li>● <b>Target:</b> a total of 42,500 beneficiaries, of which at least 50% are female</li> <li>● <b>Indicator:</b> Number of developed guidelines and training materials</li> <li>● <b>Baseline:</b> Zero (0)</li> <li><b>Target:</b> 1 guideline and training material on the operation and maintenance</li> </ul>	<p><b>Activity 5:</b> Prepare downscaled weather forecasts</p> <p><b>Action 2.2.2</b> Prepare downscaled daily, weekly, and seasonal weather forecasts and disseminate them to the public, based upon the integration of local weather and climate information</p>	<p>This activity has been performed as planned.</p> <p>-A downscaled 3 seasonal (Meher, Bega &amp; Belg) and 48 decadal weather forecasts have been generated and disseminated to the public by the Ethiopian Meteorological Institute (EMI) across the project Woredas.</p> <p>-Further, information on the Kiremt &amp; Belg based on the seasonal forecast practice as well as agrometeorological, has been disseminated to a total of 318,589 (162,694 M &amp; 155,895 F) beneficiary farmers.</p> <p>-The beneficiaries farming communities used the information and agrometeorological advisory service during their farming practice.</p>	<p>14,000.00</p>	<p>14,000.00</p>	<p>00</p>	



of the equipment installed	<p><b>Activity 6: Impact of forecast information to early warn beneficiary ased, findings printed and disseminated to beneficiaries</b></p> <p><b>Action 2.3.1:</b> Undertake assessment and evaluate the application and the impact of the forecast information, print and disseminate the findings to project beneficiaries to early warn beneficiary communities as a feedback and for scaling up outside the 8 target Woredas.</p>	<p>This activity has been performed as planned.</p> <ul style="list-style-type: none"> <li>Accordingly, assessment and evaluation has been undertaken on the impact of the forecast and information, print and disseminate the finding to project beneficiaries to early warn beneficiary as a feedback and for scaling up outside the the 8 project Woredas.</li> </ul>	6,000.00	6,000.00	00
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**Outcome 3: Adapted and diversified income and employment opportunities generated for local communities, with a focus on climate-smart agriculture and integrated watershed management.**

<p><b>Output 3.2: Integrated watershed management across the eight target Woredas.</b></p> <p>Indicator:</p> <ul style="list-style-type: none"> <li>Baseline: 0</li> <li><b>Target 3: Agricultural interventions:</b> - 200 beekkeeping packages</li> </ul>	<p>Action 3.2.1: Construct 100 km terraces, 100 km trenches, 400 eyebrows 500 percolation pits and 10 check dams as SWC measures over 1658 hectares of</p>	<p>This activity is fully performed;</p> <ul style="list-style-type: none"> <li>Accordingly, a total of 336.4 km terraces; 3,200 trenches; 450 eyebrows ; and 475.5 gabions have been constructed on a total of 880 hectare of degraded lands across the 8 project Woreda sites</li> </ul>	10,000.00	10,000.00	00
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<p>distributed and implemented; - Animal shelters with a total area of 1500 m<sup>2</sup> constructed</p>	<p>land, and carry out planting of 5,000,000 indigenous and multi-purpose trees over an area covering the same hectares of land and in farmers homestead area.</p>				
<p><b>Output 3.2:</b> Integrated watershed management across the eight target Woredas.  <b>Indicator:</b> Number of integrated watershed management and landscape management plans developed and operationalized.  • Baseline: 0 • <b>Target 3: Agricultural interventions:</b> - 200 <i>beekkeeping packages distributed and implemented;</i> - <i>Animal shelters with a total area of 1500 m<sup>2</sup> constructed</i></p>	<p><b>Activity 9:</b> Conduct Agricultural demonstration practices in each of the agricultural demonstration sites across the project Woreda  <b>Action 3.2.2:</b> Carry out Climate Smart Agricultural practices in the 8 agricultural demonstration sites to demonstrate to 1000 (400 m &amp; 600 F) beneficiary farmers across all</p>	<p>During this reporting period, the agriculture demonstrations have been well managed and demo site visits conducted across the project sites</p> <ul style="list-style-type: none"> <li>• A total of 6,481 (M 3,898 and F 2,583) beneficiary farmers' experience and skills have improved CCA farming skills and CSA technology adoption</li> </ul>	<p>33,000.00</p>	<p>33,000.00</p>	<p>00</p>



	the project Woreda					
<p><b>Activity 10:</b> Conduct Nursery management practice in all forestry nursery sites in each Woreda</p> <p><b>Action 3.2.3.</b> Carry out nursery management practices and raise 3 million trees and fruit trees see seedlings in all existing forestry nursery sites at each of the eight project Woredas</p>	<p>This Activity is performed as planned.</p> <ul style="list-style-type: none"> <li>During this reporting quarter, a total of 2,729,589 multipurpose trees and fruit trees including grafted avocado, mango, apple, and coffee seedlings have been raised and planted over the area of 1065.9 hectares of the degraded watershed area across all the project Woredas.</li> <li>A total of 1065.9 ha of land covered by plantation and a total of 972.2 ha of the degraded area is protected and managed.</li> </ul>	<p>96,833.82</p> <p>96,833.82</p> <p>00</p>				
<p><b>Activity 11.</b> A range of climate-smart agricultural technologies and methods are</p>	<p>This activity has been performed as planned. During this reporting period, project beneficiaries have been provided support based on the identified climate-smart</p>	<p>60,879.31</p> <p>60,879.31</p> <p>00</p>				



	<p>implemented across the eight target Woredas.</p> <p><b>Action 3.2.5:</b> Identify and implement a range of climate-smart agricultural technologies and methods with at least 2750 (1200 M &amp; 1550 F) local community members (beneficiaries of the project) of the eight target Woredas.</p>	<p>technologies.</p> <ul style="list-style-type: none"> <li>Accordingly, a total of 3081 (2098 M &amp; 983 F) beneficiary farmers have been able to practice/implement CSA technology across the entire project Woredas.</li> </ul>				
	<p><b>Activity 12:</b> 9 PV pumps procured and installed at each of the well sites in each of the eight Woredas.</p> <p><b>Action 3.2.8</b> Install 9 PV pumps at the well sites in each of the eight Woredas to increase access to groundwater sources</p>	<p>This activity is performed as planned.</p> <ul style="list-style-type: none"> <li>Accordingly, total of 8 big sized PV pumps have been installed and with these PV pumps, a total of 1440 farmer beneficiaries have been supported to irrigate a total of 360 hectares of cropland for dry season irrigation practice</li> <li>total of 36 household level PV pumps have been installed and with these PV pumps, a total of 180 farmer beneficiaries have been</li> </ul>	90,000.00	90,000.00		



<p><b>Indicator:</b> <i>Number of Women/females headed farmers supported</i>  <b>Baseline:</b> Zero (0)  <b>Target 1:</b> 1375  <i>Women/female headed farmers supported by introduction /implementation of different climate resilient livelihood diversification intervention</i></p>	<p><b>Action 3.3.2:</b>  Provide technical and material &amp; goods support to 1750 (500 M &amp; 1250 F) beneficiaries – particularly to women and female-headed households – for the identification and implementation of selected income-generating activities</p>	<p>income generation interventions including dairy farming, beekeeping, small ruminant rearing, poultry farming, crop production etc.</p>			
<p><b>Project Management</b></p>	<p><b>Activity 15:</b>  Undertake Terminal Evaluation    <b>Action: 4.1.1</b>  Undertake Terminal Evaluation of the CCA project  Implementation</p>	<p>This activity is underway    The Project Management Unit has developed TORs and submitted them to UUNDP to enable them to proceed with the procurement;</p> <ul style="list-style-type: none"> <li>• Based on the TORs, International and National consultants are contracted by UNDP to carry out the terminal evaluation.</li> <li>• They have almost finalized their evaluation and a debriefing session will be held on 17 January 2023.</li> </ul>	<p>30,000.00</p>	<p>30,000.00</p>	<p>00</p>



<p><b>Activity 16:</b> Undertake regular project Monitoring and Evaluation (M&amp;E)</p> <p><b>Action 4.1.2</b> Convene 2 PSC meetings and carry out at least 4 rounds of monitoring field visits to project sites and prepare</p>	<p>This activity is performed as planned.</p> <ul style="list-style-type: none"> <li>Regular monitoring to project sites from the woreda PSC, woreda project technic team, regional staff, and PMU has been conducted, and appropriate feedback provided to improve the project implementation.</li> </ul>	6,540.00	6,540.00	00	
<p><b>Activity 17:</b> Miscellaneous costs associated with project management covered</p> <p><b>Action 4.1.3.</b> Miscellaneous costs associated with project management, including day-to-day travel costs, office equipment, etc. associated with PMU.</p>	<p>This activity is performed as planned.</p> <ul style="list-style-type: none"> <li>During this reporting period, costs for miscellaneous activities including day-to-day travel costs to project Woredas for project monitoring and evaluation, office equipment, and stationary has been fully covered.</li> </ul>	25,956.09	25,956.09	00	
<b>Project total</b>		729,286.46	729,286.46	00	



## II. Major Challenges and Solutions Taken

### Learning and Knowledge Management adopted and Lessons Learned

- Improvement access to extension services and the adopted CCA/CSA technologies /fast-growing fruits, cassava, coffee, small ruminants, poultry, and others/ helps the beneficiaries' farmers to improve their farm productivity and farming practices
- Seasonal weather forecast information that was provided and disseminated to beneficiaries helped them to make timely decisions in farming activities.
- High involvement of the vulnerable women and youth in capacity-building training, seminars, public awareness campaign, training, climate livelihoods, and land management activities helped them to empower and economically benefited.
- The climate-smart watershed restoration including SWC and plantings of multi-use forest seedlings carried out in the project areas by the farming communities enabled to restoration and reforestation of severely degraded land across the project sites.

### Major Challenges and Solutions Taken

#### Challenges

- High Turnover of Woreda PSC members, Woreda environment and agriculture office heads, and Woreda project technical working group members
- Inadequate commitment by some of the partner institutions (considering the project activities as an extra or additional job)
- Inadequate commitment by a few selected Beneficiaries; (Dependency Syndrome)

#### Solutions Taken

- Continuous discussion with implementing partners, Woreda steering committee, and project beneficiaries to attain their full commitment
- Creating awareness about the project among newly coming leaders and experts
- Specifically, Woreda PSCs provided regular monitoring and guidance to concerned bodies

