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THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
MINISTRY OF ENVIRONMENT, FOREST
AND CLIMATE CHANGE

ቀን 16/10/18
Date
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Ref.No.

➔ To UNDP Ethiopia country Office

Addis Ababa

Subject: Submission of 1st Quarter Activity Implementation Report

We have prepared the 1st quarter activity implementation report of year 2018 for the Highland CCA Project.

Please find, attached herewith, a 13 pages activity implementation report of the project.



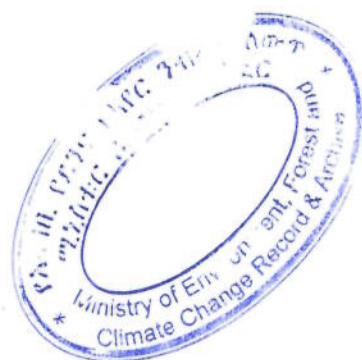
Sincerely


Tesfaye Woldeyes Gammo
Highlands-CCA Project
Manager

Ministry of Environment Forest and Climate Change

CCA Growth: Implementing Climate Resilient and Green Economy Plans in Highland Areas in Ethiopia

(Year 2018 1st Quarter Physical and Financial Performance Report)



March 28, 2018

Addis Ababa, Ethiopia

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HIGHLAND CCA GROWTH PROJECT IN HIGHLAND AREAS OF ETHIOPIA

(2018 Budget year 1st Quarter Physical and Financial Performance Report)

1) Basic Information

Project title: *CCA Growth: Implementing climate resilient and green economy plans in highland areas in Ethiopia*

UNDAF/Country Programme 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 sub-national levels for sustainable management of natural resources, ecosystem services, chemicals and waste

Component: Climate Change and Environmental Sustainability

Lead Agencies: MFE, MoFEC, UNDP

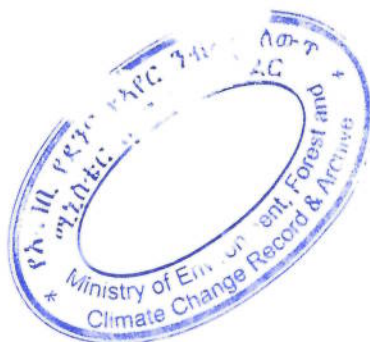
Executing Agency: MFECC

Implementing Partners: Arba Minch Woreda EPFDO, Atsbi Wonberta Woreda EPLUAO, Dawa Chefe Woreda EFWLPDA, Dessie City Administration AEPLAD, Hawassa City AEPFDO, Sebeta Hawas Woreda EFCCA, Tahitay Koraro Woreda EPLUAO and Yaya Gulele Woreda EPLUAO

Program Period: April 2017- April 2022

Reporting Period: January 1, 2018- March 31, 2018

Total Allocated Budget in USD: 18,153,462.48





✓ 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 land and graze livestock on steep slopes with fragile soils in order to meet daily food needs. The watersheds in such mountainous land are further mismanaged through 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.

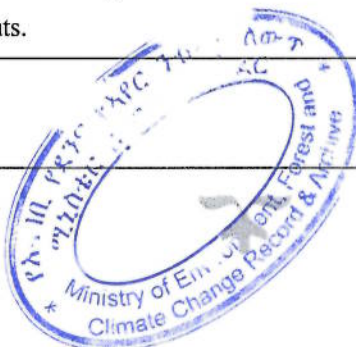
Local communities in the Ethiopian highlands are increasingly vulnerable to the above climate change effects. Their agricultural productivity is being greatly impeded in particular by increased rainfall variability, droughts, floods, soil erosion and by limited availability of surface and groundwater 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.

Ministry of Environment, Forest and Climate Change (MEFCC) will implement the project over a five-year period across four regions and in eight Woredas.

During this specific quarters of the budget year there are a number of activities planned under the three outcomes of the project and their respective achievements are summarized and illustrated below. In addition the budget allocated and its utilization are also elucidated in the table followed. Therefore the implementation status of each activity are summarized and potted as follows:

- ✓ Extension services that are currently implementing on each of the project site has been identified, multidisciplinary team has been organized from research center located to the project sites, and Detail TOR has been developed to review the existing and identified extension services
- ✓ Training has been provided for a total of 1750 (875 F) selected beneficiary farmers on the topic of “Climate Smart agriculture”, “Land Management Practices” and “Climate Smart Livelihood Practices” across all the project intervention Woreda's.
- ✓ Across all the project intervention sites, forum meeting have been conducted by participating local and international NGOs working on CCA, different research institutions and target community groups. Accordingly; 107 participants of which 16 F attended the forum and shared an experience and knowledge on “Climate Change Adaptation”.
- ✓ International universities and research organizations were identified and communication underway to visit their best experiences and research outputs.



- ✓ Across 4 regional state and eight Woredas where the Highland CCA project is implementing, monitoring and documentation of project implementation progress is underway.
- ✓ Based on the public awareness creation document, 51,387 target communities have been addressed through different local Medias and awareness workshop.
- ✓ The respective NMA Branch offices have been organized a workshop that participated selected farmers, DA's and extension agents at each Woreda to provide Woreda level decadal and monthly forecasts.
- ✓ Amongst the major activities outlined in the project document is conducting integrated soil and water conservation activity is the major one. Accordingly different structures developed as per the water shade management plan document.
- ✓ Across all the 8 target Woredas, agricultural demonstration site have been established and procurement of the necessary equipment and materials needed for the site have been conducted.
- ✓ The establishment of forestry nursery site was successfully conducted across all sites. The over 900,000 seedling is growing to be planted on areas where SWC activities have been conducted.
- ✓ In all the project targeted Woreda's beneficiary farmers have been identified and supported by providing them with potato, wheat, barley, legume and maize so that 1317 farmers made benefited of which 450 were female.
- ✓ Women and youth beneficiary farmers were addressed by providing them with small ruminant, poultry and modern bee hives. In doing so 2784 farmers (of which 2147 of them are female farmers) have been addressed during this specific reporting period.
- ✓ Monitoring of the project activities have been undertaken by each Woreda technical committee, by Woreda steering committee, by Woreda project officers and by federal PMU.

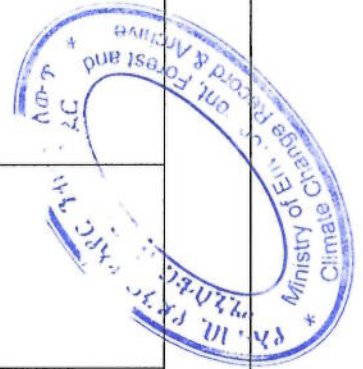


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2) Table 1: Progress Report

Project Outcomes, Outputs, indicators	Planned Activities	Progress against planned activities	Achievement %	Budget/Expenditure In ETB		
				Budget Allocated	Expenditure To Date	Budget Balance
Outcome 1: Capacities enhanced for climate-resilient planning among communities, Woreda, regional and federal governments.						
Output 1.3: Training of extension agents and local communities to integrate climate change into planning processes Baseline: Zero (To be verified during Year 1 of project implementation) Target: at least 5 extension products and services provided to communities and Woredas that contribute to climate resilient planning Indicator 3: Number of climate adaptation extension products and services available to the communities of the target Woredas	Activity 1.3.1: Review and update the extension services portfolios in the eight target Woredas Activity 1.3.2: Conduct training for 168 extension agents and 1,750 beneficiary farmers on climate-smart land management and livelihoods	<div>✓ Extension services that are currently implementing on each of the project site has been identified</div> <div>✓ Multidisciplinary team has been organized from research center located to the project sites, and woreda sector offices</div> <div>✓ Detail TOR has been developed to review the existing and identified extension services</div> <div>✓ Training has been conducted on the topic of “Climate Smart agriculture”, “Land Management Practices” and “Climate Smart Livelihood Practices” for the target beneficiary farmers across all the project intervention woreda’s.</div> <div>✓ Accordingly throughout all the project Targeted Woreda’s 1750 selected beneficiary farmers of which 875 F have been given a training. Similarly 168 extension service providers of which 84 female found at Woreda level have been attended the training.</div>	75%	109,921.692	109,921.692	0
Output 1.4: Annual knowledge-sharing forum of regional and Woreda-level sectoral experts, extension agents and community representatives. Baseline: Lack of adequately organized forum for sharing experiences and innovations Target	Action 1.4.1 Establish a forum for sharing experiences and innovations between: i) University of Addis Ababa and other research institutions; ii) relevant line ministries including EPA, MoANR, MEFCC and NMA; iii) extension services; and iv) CBOs including women’s, youth and farmer groups, within	<div>✓ Across all the project intervention sites, forum meeting have been conducted by participating local and international NGOs working on CCA, different research institutions and target community groups.</div> <div>✓ Accordingly; 107 participants of which 16 F attended the forum and shared an experience and knowledge on “Climate Change Adaptation”.</div>	100%	109,921.692	109,921.692	0



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<p>At least nine experiences sharing and innovations Forum established in the project target woredas</p> <p>Indicator</p> <p>Number of forum established in the project target woredas</p>	<p>regional and Woreda government structures</p> <p>Action 1.4.3. Facilitate linkages with international universities and research centers working on CCA and access to research information by: i) subscribing to newsletters and bulletins published by such institutions, as well as internet-based research portals; and ii) participating in or attending regional knowledge-sharing forums, workshops, research internships and exchange visits.</p>	<p>✓ Detail TOR has been developed focusing on the areas on which the visit should encompass</p> <p>✓ International universities and research organizations were identified and communication underway to visit their best experiences and research outputs</p>	<p>60%</p>	<p>579,600.00</p>	<p>0</p>	<p>579,600.00</p>
<p>Output 1.5: Public awareness-raising campaign and training program for local communities – including for women and youths – on the implementation of climate-resilient adaptation interventions and diversified livelihoods.</p> <p>Baseline:</p> <p>The awareness of public regarding the effects of climate change and benefits of appropriate CCA interventions is low</p> <p>The “Community Based Participatory Watershed Development” developed and published 2005, is not adequately consider CRGE and climate change</p>	<p>Activity 1.4.4: Conduct documentation of project activities, results and lessons and undertake communications to others</p> <p>Action 1.5.1. Conduct a public awareness campaign using local media to inform communities on the effects of climate change and benefits of appropriate CCA interventions. The campaign will include the development and dissemination of user-friendly literature – including pictorial-based information – on climate change adaptation and appropriate interventions</p>	<p>✓ Across 4 regional state and eight Woredas where the Highland CCA project is implementing, monitoring and documentation of project implementation progress is underway.</p> <p>✓ TOR has been developed for the technical team that has given the mandate to develop the public awareness campaign document</p> <p>✓ The relevant topics selected and public awareness documents developed</p> <p>✓ Based on the public awareness creation document, in Amhara Regional State of Dessie, public awareness campaign has been conducted using Local Media (FM Radio) and 9,375 population has been addressed. Similarly in Dawa Cheffa woreda 33,500 people have been addressed. In Oromia Regional State of Sebeta Hawas Woreda, 7312 target farmers addressed. In addition 1200 beneficiary farmers of Yaya Gulele woreda addressed through public media. In other way in Atsbi wonberta Woreda of Tigray Regional State 44 beneficiaries has been given awareness based on the developed public awareness campaign.</p>	<p>100%</p>	<p>76,245.00</p>	<p>142,417.38</p>	<p>0</p>



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issue and contemporary development Target One updated Community Based Participatory Watershed Development manual 50% of the community has heard about the effects of climate change and benefits of appropriate CCA interventions through local media Indicator Number of document updated % of people has got awareness through local media	Activity 1.5.3: Hold training workshops in each of the eight target Woredas for 2750 local communities – including farmer-farmer exchanges and visits to demonstration plots – on the construction, operation and maintenance of integrated watershed management measures, CSA techniques and livestock production practices	In Atsbi Wombera woreda of Tigray Regional state, 42 Female Headed farmers have been trained on integrated water shade management by aligning with alternative livelihood activities. 344 beneficiary farmers trained on the topic of Operation and Maintenance of Integrated Watershed Management. Similarly at Sebeta Hawas Woreda, training workshops on “operation and maintenance of integrated watershed management” have been given for a total of 110 beneficiary farmers.	122,066.52	122,066.52	0
Outcome one Total			7,738,467.00	7,738,467.00	0
Outcome 2: Use of climate information for climate risk management strengthened – including for women and youths					
Output 2.1: A functional climate information and Early Warning System to monitor weather conditions Baseline: A gap has been observed with regard to availability of climate change information and local weather forecasts to different group of community Absence of Automatic Weather Station (AWS) The existing weather stations are not properly functioning Target One gap analysis and one equipment need assessment document prepared Four Automatic Weather Station (AWS) procured and four AWS Repaired/replaced Indicator	Action 2.1.1: Conduct a gap analysis in the NMA to determine availability of climate change information and local weather forecasts to local farmers, women, youth and Woreda government structures in the eight target Woredas. Action 2.2.2: Prepare downscaled daily, weekly and seasonal weather forecasts to the public, based upon the integration of local weather and climate information	<p>✓ The NMA staff working on branches nearest to the project intervention woreda's has been given training on AWS & on integration of local weather information and climatic information.</p> <p>✓ NMA has established a task team and the team has undertaken a gap analysis in NMA as planned.</p> <p>✓ The respective NMA Branch offices have been organized a workshop that participated selected farmers, DA's and extension agents at each Woreda to provide Woreda level decadal and monthly forecasts. Accordingly, 117 participants attended the workshop conducted at Yaya Gulele Woreda. Similarly 13 community representatives and relevant sectors at Hawasa City experts made to access the forecast.</p>	100%	368,287.50	368,287.50
			100%	245,381.388	245,381.388

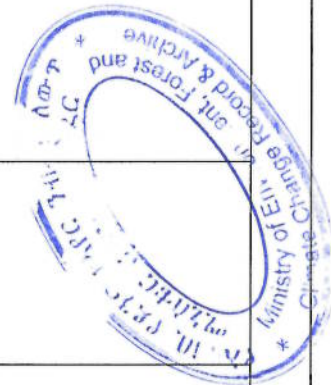


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Number of gap analysis and need assessment conducted and document produced								
Number of Automatic Weather Station (AWS) procured								
Outcome 2 Total					1,735,292.60	1,735,292.60	0	
Outcome 3: Adapted and diversified income and employment opportunities generated for local communities, with a focus on climate-smart agriculture and integrated watershed management.								
Output 3.1: Vulnerability assessments and integrated watershed management and landscape management plans Baseline: Integrated watershed management and landscape management plans have not been developed Target: At least 4 integrated watershed management and landscape management plans developed and operationalized in target areas. These will include ➤ Reforestation targets <ul style="list-style-type: none"> • 32 nursery sites established • 2000 ha reforested using indigenous, multi-use plant species to make up 90% of the reforested area ➤ Physical interventions	Activity 3.1.1: Undertake vulnerability assessments of eight target Woredas Activity 3.1.3: Prepare 8 integrated watershed management and landscape management plans, based on the results of the vulnerability assessments and in collaboration with extension agents and CBOs Activity 3.1.7: Develop water user groups to	✓ The vulnerability assessment of the target woredas is underway, in collaboration with the Federal Environment and Forest Research Institute. ✓ The MoU have been prepared and signed between MEFCC and EEFR. ✓ EEFR established a task team that conducts the Vulnerability assessment of the target Woredas. ✓ The plan have been prepared in each of the project intervention Woreda's by team of experts organized for this specific purpose.	100%	254,919.948	254,919.948	0		
			100%	212,433.30	212,433.30	0		
			100%	28,324.50	28,324.50	0		



<ul style="list-style-type: none">25% of total required physical interventions implemented <p>➤ Agricultural interventions</p> <p>25% of total required agricultural interventions implemented</p> <p>Indicator 8: Number of integrated watershed management and landscape management plans developed and operationalized</p>	manage the equitable use of water for farming	15 WUG, in Yaya Gulele woreda, 9 WUG have been organized. In the remaining woredas small scale irrigation practices is not familiarized. With the support of the project; Shallow well excavation site have been identified so that small scale irrigation would be practiced and WUG would be identified to ensure equitable use of water from the shallow well.				
<p>Output 3.2: <i>Integrated watershed management across the eight target Woredas</i></p> <p>Baseline: Integrated watershed management and landscape management plans have not been developed</p> <p>Target: At least 4 integrated watershed management and landscape management plans developed and operationalized in target areas. These will include</p> <p>➤ Reforestation targets</p> <ul style="list-style-type: none">32 nursery sites established2000 ha reforested using indigenous, multi-use plant species to make up 90% of the reforested area <p>➤ Physical interventions</p> <ul style="list-style-type: none">25% of total required physical interventions implemented <p>➤ Agricultural interventions</p> <p>25% of total required agricultural interventions implemented</p> <p>Indicator 8: Number of integrated watershed management and landscape management plans developed and operationalized</p>	<p>Activity 3.2.1: Conduct i) 8000 hectares of land and planting of indigenous and multi-purpose trees over an area covering 8800 hectares of degraded land and household woodlots across the project sites</p> <p>Action 3.2.2: Develop agricultural demonstration sites in each Woreda to serve as examples for farmers</p> <p>Activity 3.2.3: Establish and/or upgrade 32 existing forestry nursery sites at each of the eight project sites</p>	<p>Amongst the major activities outlined in the project document is conducting Integrated soil and water conservation activity is the major one. Accordingly different structures developed as per the water shade management plan document. Specifically in sebeta Hawas woreda 173 m3 check dam, 1.5 km terraces, 400 Trenches, 65 eyebrow basin 3.6 km bench terraces and 2.5 km stone bund have been built. Similarly in Tahetay Koraro woreda 17.71 km Hillside terraces, 4295m3 Deep trenches, 50 eyebrow basin and 3676 m3 check dam have been built by community participation.</p> <p>Across all the 8 target Woredas Agricultural Demonstration Site have been established and procurement of the necessary equipment and materials needed for the site have been conducted. Furthermore the woreda's are emphasizing on the areas to be specialized as per their agro ecological zone of each woreda.</p> <p>✓ The establishment of Forestry Nursery Site is successfully conducted across all sites. The following seedling is growing to be planted on areas where SWC activities have been conducted.</p> <p>✓ And 250,000 different types of seedling prepared at Yaya Gulele Woreda, 196,000 different seedlings at Dawa Chefa woreda, 88,000 seedlings at Sebeta Hawas Woreda, 150,000 seedling prepared at Tahetay Koraro Woreda, 158,000 seedling also</p>	100%	1,260,110.00	1,260,110.00	0
			100%	276,000.00	276,000.00	0
			100%	897,287.00	897,287.00	0

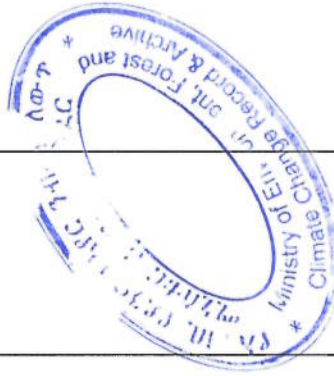


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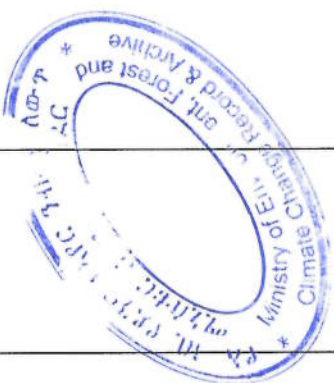
landscape management plans developed and operationalized	<p>Activity 3.2.5: Identify and implement a range of climate-smart agricultural technologies and methods with at least 2750 local community members (beneficiaries of the project) the eight target Woredas</p>	<p>prepared at Hawasa City Administration level. The seedling prepared are ready to be planted on areas where SWC activities have been conducted.</p>					
	<p>✓ In all the project targeted woreda's beneficiary farmers have been identified and supported by providing them with potato, wheat, barley, legume and maize so that 1317 farmers made benefited of which 450 were female. Specifically, ✓ In Sebeta Hawas woreda 620 farmers of which 249 female farmers provided with 155 quintal of Potato seed, 406 farmers of which 108 female farmers provided with 104.5 quintal of wheat, 80 farmers of which 9 of the Female farmers have been provided with 30 quintal of legumes and 51 farmers of which 1 of them were female farmers have been provided with 30 quintal of improved barely seed. ✓ In Dessie City Administration 17 kg, 9 kg of endive, 15 kg of red bit, 4 kg of tomato, 39.5 quintal of potato have been distributed for 40 farmers of which 15 of them were female headed farmers. In addition to this 3 full package of drip irrigation kit have been bought and distributed for the target farmers. Artificial Animal Insemination equipment's also bought and delivered to animal husbandry department of the city so that the improving the local variants will be achieved. ✓ In Tahetay Koraro woreda 20 pressurized pumps & 10 row pumps have been bought to benefit 52 male and 18 female farmers. One open hand dug well were also constructed that enable to irrigate 1 hectare of land. 50 fuel efficient stove have been bought and distributed for 50 female farmers.</p>	100%	1,689,169.128	1,689,169.128	0		

Output 3.3: Climate resilient livelihood diversification	<p>Activity 3.3.2: Provide technical and financial support – particularly to</p>	<p>✓ Women and youth beneficiary farmers were addressed by providing them with small ruminant, poultry and modern bee hives. In doing so 2784 farmers (of which 2147 of</p>	100%	10,478,593.644	10,478,593.644	0
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<p>interventions (both on-farm and off-farm) introduced</p> <p>Baseline: Absence of comprehensive analysis of market opportunities and value chains for agricultural and other products</p> <p>Target: Eight market opportunities and value chains analysis documents</p> <p>Indicator Number of document produced</p>	<p>women and female headed households – for the identification and implementation of selected income-generating activities</p>	<p>they are female farmers have been addressed during this specific reporting period. Accordingly in Sebeta Hawas woreda 201 women have been given sheep. In Yaya Gulele Woreda 300 female beneficiary farmers were provided with 5 sheep each. Similarly in Dawa Chefa woreda, Woreda, 256 beneficiary farmers of which 50 women farmers were provided with sheep and goats. Likewise in Arba Minch Woreda 665 selected female farmers have been provided with 3 sheep for each farmers. In Tahetay Koraro woreda 150 female headed farmers have been provided with 3 sheep each. Also in Atsbi Wonberta woreda 187 female farmers have been provided with 3 sheep with the support of the project. In Hawasa Sub city 92 female farmers have been provided with 3 sheep each and also 311 female and 78 male farmers were provided with improved chicken (10 for each beneficiaries). In Dessie City Administration level 43 male and 179 female farmers have got a provision of sheep. Also 57 farmers (of which 12 of them were female farmers) provided with hybrid cow.</p>	100%	228,686.70	228,686.70	0
<p>Activity 3.3.3: Training of 2750 local community members(beneficiaries of the project) across all project sites on value-addition activities, including agro-processing and marketing skills</p>		<p>Across all the 8 target Woreda's a training is conducted on the topic of value-addition activities, including agro-processing and marketing skills</p> <ul style="list-style-type: none"> ✓ 113 women and 12 extension agents (of which 4 were female) participated on income diversification in Yaya Gulele Woreda ✓ 478 women beneficiaries attended a training organized on value chain and value addition activities at Hawasa city ✓ 50 male farmers and 17 female farmers trained on the topics of marketing skill and agro-processing at Tahetay koraro woreda ✓ 110 farmers of which 38 female farmers attended a training conducted on value addition activities at Sebeta Hawas woreda. ✓ 53 participants of 16 female farmers trained on value addition activities at Dessie City 				

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	✓ 490 (of which 245 of them are female) beneficiary farmers of the project trained on value addition activities including agro-processing & marketing at Arba Minch Zuriya Woreda					
	✓ 61 beneficiary farmers (48 male and 23 female) on value addition activities including agro-processing & marketing at Atsbi Womberta Woreda					
	<i>Activity 3.3.4:</i> Conduct monthly, quarterly and yearly monitoring and evaluation of the project	100%	216,315.00	216,315.00	0	
Outcome 3 Total			15,541,839.22	15,541,839.22	0	
Project Management	Contractual services – Individual	100%	124,200.00	124,200.00		
	Local consultant	100%	334,752.40	334,752.40	0	
	Contractual services – Individual	100%	176,640.00	176,640.00	0	
	Direct Project Cost	100%	9,065.496	9,065.496	0	
Project management sub total			644,657.90	644,657.90	0	
Grand Total			18,153,462.45	18,153,462.45	0	



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3) Major Challenges

- High turnover of Woreda task team members and Woreda Project site Officers and accountants;
- Inadequate commitment of Woreda sector offices (Task Team members)
- Inadequate commitment by some of partner institutions (considering the project activity as extra job)
- Lengthy procurement process which is not compatible with the project time schedule

4) Efforts made to overcome the challenges

- Facilitating the recruitment of Woreda Project site Officers on the vacant position and enable woredas to assign delegator till the recruitment is finalized, to continue the project activities;
- Continuous contact to Woreda administration through telephone and field visit;
- Carried out continuous discussions and consultation with partners to accelerate the implementation of the project;
- ~~Carried out consultations with Kebele level beneficiaries farmers and to re-assure their~~
motivation;
- Work very closely with UNDP Country office

