

# Biannual Report

## EthioTrees Project

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1 August 2023 – 31 July 2024

## **Biannual Report 1<sup>st</sup> August 2023-31 July 2024**

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# Interim annual report 1 August 2023 – 31 July 2024

Submitted by: EthioTrees

Date of submission: 10 – 09 – 2024

## Summary

Project overview	
Reporting period	1 August 2023 – 31 July 2024
Geographical areas	Tigray Region, Ethiopia
Technical specifications in use	See approved PDD EthioTrees: Ecosystem Restoration and Agroforestry

**Table 1: Summary table**

Project indicators	Historical (2016- July 2023)	Added/ Issued this period (Aug. 2023-July 2024)	Total
No. smallholder households with PES agreements	134	701	835
No. community groups with PES agreements (where applicable) by July 2024	56	25	81
Approximate number of households in these community groups	22,856	8914	31,770
Area under management (ha) with PES agreements in place	11,530 <sup>a</sup>	4185	15,715
Total PES payments made to participants (USD)	557,486 USD <sup>b</sup>	533,846 EP USD +12,714 EA USD <sup>c</sup>	1,104,046 USD
Total sum held in trust for future PES payments (USD)	0	50,856 USD <sup>c</sup>	50,856 USD
Allocation to Plan Vivo buffer (tCO <sub>2</sub> )	28,514	+3548 EP + 4106 EA <sup>e</sup>	32,062
Saleable emissions reductions achieved (tCO <sub>2</sub> )	256,628	+31,935 EP +33,443 EA <sup>e</sup>	288,563

Unsold Stock at time of Submission (PVC)	-
-	-

Plan Vivo Certificates (PVCs) issued to date	256,628 <sup>d</sup>
Plan Vivo Certificates requested for issuance (Aug. 2023 – July. 2024 Vintage)	31,935
Plan Vivo Certificates available for future	33,443

issuance	
Total PVCs issued (including this report)	288,563

<sup>a</sup> The Agroforestry area-equivalent has been adjusted in line with the update of the technical specification Agroforestry and the inclusion of homestead intercropping.

<sup>b</sup> see previous annual report (February 2023-January 2024)..

<sup>c</sup> based on ETB to USD conversion (oanda.com dd. 31/12/2023)

<sup>d</sup> Including the PVCs issued from the overperformance (see Interim Issuance Request Form)

<sup>e</sup> Available for future issuance

## Part A: Project updates

### A1: Key events

- The project established three large tree nurseries to nurture and plant more than 100,000 endemic and naturalized tree seedlings for agroforestry and enrichment planting by July 2024. The nurturing and planting activities generally occurred smoothly.
- As the BBC reports (<https://www.bbc.com/news/articles/c10l2vvjy9lo>), in Tigray currently 2.1 million people are at risk of starvation, with a further 2.4 million relying on an uncertain aid supply.
- The EthioTrees project expanded this year into the Shire/We're/Nebelet district (see table 3). Baseline and first-year project activities were carried out successfully.
- To extend and amplify its impact, the project will continue its expansion.

### A2: Successes and challenges

- One of the main successes this year included the humanitarian support program using the Plan Vivo reinvestment budget. Besides the direct cash-for-food support, the program also strengthened the project community base. Participants appreciated the multipurpose benefit of the exclosures, referring to: (1) the forest cover has increased, (2) soil erosion decreased and productivity increase, (3) the amount of fodder and plants inside the exclosure boosted for honey production, (4) the microclimate has been improved, and (5) in the lower part of the catchments, springs have been developed and some households are engaged in small-scale irrigation (like Maygenet, Ruba bichi, Gemegema etc.). That is why, even during this difficult period in Tigray and Ethiopia, the community base took care of the landscape.
- The EthioTrees team has grown with 6 new staff members at the Shire Office and will further grow over the coming year.

- Together with experts from Oxfam, trainings have been organised in modern beehive management, strengthened with the purchase of honey extractors. In total, 153 farmers from around 20 exclosures (clustered around (i) Amanit, (ii) Togoga and (iii) Aby-Adi) received the training and the support materials. The main focus of trainings was to maintain awareness on the environmental protection of the community forests while maintaining sustainable management during a period of acute food insecurity. Some trainings focused on Boswellia marketing, agroforestry and irrigation techniques. In total 30 training days were organised for 610 participants, clustered around Togoga, Hagere Selam, Shire, Ady Adi and Edaga Arbi.
- The positive impact of the project on the water table is demonstrated by observations of spring water resurgence and new spring developments downstream of the protected forest patches.
- This was a particularly dry year in which extra aftercare management of the plantings was needed. This led to loss of 2ha-eq from ten (10) Yr1 farmers of the 2023 cycle under the agroforestry program.
- Although the seedlings need careful follow-up, the interest of smallholder farmers to join the project is very large. Indeed, this year the project added a total of 701 new Agroforestry Beneficiaries, which is a dramatic (about five-fold) rise in the number of agroforestry participants. There is a large potential for expanding the project impact by involving more farmers over time.
- Tree survival rate is lower than expected, due to drought conditions. This was discussed during the visit of the Scientific Advisory Board. The SAB is drafting a recommendation note to improve the survival rate (see §H2 for preliminary recommendations),
- The demand for fruit trees is higher than the nursery capacity. The project plans to increase its fruit seedling production over the coming years.
- The agroforestry project provides local employment for 22 nursery technicians of which 8 are women.
- The extreme level of food insecurity remains the biggest challenge to date.

### **A3: Project developments**

Below, we give an overview of the project developments that have affected the governance, operations, contractual relationships or legal basis of the project:

- The EthioTrees staff decided to continue and expand their socioecological work for the

citizens of Tigray and Ethiopia.

- Based on farmers' demands for low-density planting in lines near their houses, EthioTrees proposed to add a fifth agroforestry model to the agroforestry techspec. Farmers proposed a homestead intercropping model. They are generally interested in planting 50 up to 100 trees, in combination with their millet, sorghum, wheat and maize cultivation. Seedlings are usually planted close to the homesteads (to be able to easily monitor animal grazing and regularly apply water). The planting density is preferably low (around 300 trees per ha), because the farmers want to reconcile tree planting with crop production – and therefore need to avoid excessive shading. The trees are planted in lines, often along existing stone bunds. Popular trees are *Faidherbia albida*, *Acacia polyacantha*, *Ziziphus spina-christi*, *Grevillea robusta*, *Mangifera indica*, *Persea americana*, *Cordia Africana* and *Moringa oleifera*.

#### **A4 Future Developments**

- Further activities next year will focus on the existing exclosures, including trainings, seedling planting and seedling irrigation, and the installation of soil and water conservation structures such as percolation ponds, trenches and soil bunds. We aim to invest the plan vivo funds in “social recovery projects”, at the initiative of the citizen councils, or in more cash-for-food in case of famine.
- In 2024 and 2025, the project objective remains to further scale its impact to contribute to the post-conflict reconstruction in the region. The project successfully started restoration activities in Edaga-Arbi. The expansion into adjacent districts will continue.

## Part B: Project activities

### B1: Project activities generating Plan Vivo Certificates

- We list the technical specifications being used in the project, the area covered and participants in table 2 below. We only include those areas where PES agreements have been signed.

**Table 2: Project activity summary**

Name of technical specification	Area (Ha)	No smallholder households	No Community Groups
Ecosystem Restoration in Tigray	15,404	0	81
Agroforestry	311*	835	0

\*The Agroforestry area-equivalent has been adjusted in line with the update of the technical specification Agroforestry and the inclusion of homestead intercropping.

### B2: Agroforestry activities

- The total agroforestry project area is 311 ha-eq, aligned with the technical specification “intercropping”. Of the total area 31 ha-eq belongs to cycle 2023 and 280 ha-eq belongs to cycle 2024. Note that we make a distinction between “cycle 2023” & “cycle 2024” based on the year that farmers entered to the project.
- In the project area in total 51,376 tree seedlings have been planted in 2024. From this 44,634 seedlings are planted with new project participants (i.e. cycle 2024 farmers). Below we provide a subdivision number per species.
- The survival rate (for cycle 2023) measured in June 2023 is on average 50% (excluding dropouts). This is (on average) below the target survival rate of 65%. As a corrective action, the participant farmers (of cycle 2023) have planted 2 500 additional seedlings to replace mortalities. This brings the current survival rate for the 2023 cycle to 96%, well above the 65% target (excluding dropouts). A next survival rate assessment is planned after approximately 6 months.
- In total 701 new smallholder farmer entered the agroforestry project (cycle 2024) (while

of the 2023 cycle, 134 of the 144 participants remain). In the next planting season in 2025, they committed to plant another 39,393 seedlings.

- For the 2023 farmers a more conservative carbon estimation was applied, these farmers were reclassified under homestead intercropping at their request. The downscaled volume of 2023, has been corrected in 2024.

Number of trees planted per species:	Species Name	Corrective action	New planting
	Acacia albida	796	13024
	Zyziphus christorn	918	23389
	Moringa	610	1100
	Mango	161	3438
	Orange	15	46
	Gravelia		1417
	Azadirachta indica		1279
	Acacia polycantha		3044
	Jacaranda mimosifolia		96
	Casuarina equisetifolia		710
	Parkisonya		62
	Acacia nilotica		271
	Olea africana		1000
	<b>Total</b>	<b>2500</b>	<b>48876</b>

### **B3: Project activities in addition to those generating Plan Vivo Certificates**

- Together with Tesfays project, we additionally supported some of the most vulnerable citizens from Degua Tembien (180 people) in cash, that is 1000 ETB each. The beneficiaries include vulnerable and assaulted women, disabled children and HIV victims.
- In Kolla Tembien, we delivered 10 100 kg of rice to the IDP camp of Abiy Addi (900 000 ETB).



## Part C: Plan Vivo Certificate issuance submission

### C1: Contractual statement

- This issuance is based on Plan Vivo maps and signed PES agreements with participants complying with all the minimum requirements stated in these agreements.

### C2: Issuance request for project areas where issuance is made on the basis of ongoing activities on land already managed by the project (calculated *ex-post*).

Table 3: Statement of tCO<sub>2</sub> reductions available for issuance as Plan Vivo Certificates based on activity for reporting period 1 August 2023 – 31 July 2024. Note that in this biannual report, we only request first-year issuance of the new expansion sites (all other sites will be reported in the next February report).

Area ID	Total area (ha)	Tech. Spec	Saleable ER's (tCO <sub>2</sub> ) available from previous periods	Total ER's (tCO <sub>2</sub> ) achieved this period	ER's minus leakage of 2%	% Buffer	No. of PVCs allocated to buffer from ER's achieved this period	Saleable ER's (tCO <sub>2</sub> ) from this period	Issuance request (PVCs)	ER's (tCO <sub>2</sub> ) available for future issuances
Alogen	200	Ecosystem restoration	0	1862.00	1824.76	10.00	182.48	1642.28	1642.28	-
Betmarya	254	Ecosystem restoration	0	2364.74	2317.45	10.00	231.74	2085.70	2085.70	-
Endabanow*	44	Ecosystem restoration	0	405.92	397.80	10.00	39.78	358.02	358.02	-
Sekela Koyetsa*	295	Ecosystem restoration	0	2746.45	2691.52	10.00	269.15	2422.37	2422.37	-
Seqere	95	Ecosystem restoration	0	880.73	863.11	10.00	86.31	776.80	776.80	-
Tata	106	Ecosystem restoration	0	986.86	967.12	10.00	96.71	870.41	870.41	-
Abaqo	173	Ecosystem restoration	0	1610.63	1578.42	10.00	157.84	1420.58	1420.58	-
Adi Degol	182	Ecosystem restoration	0	1694.42	1660.53	10.00	166.05	1494.48	1494.48	-
Rubalemin	564	Ecosystem restoration	0	5250.84	5145.82	10.00	514.58	4631.24	4631.24	-
Debre Ango	92	Ecosystem restoration	0	857.45	840.30	10.00	84.03	756.27	756.27	-
Endemariam	66	Ecosystem restoration	0	618.18	605.82	10.00	60.58	545.24	545.24	-
Endatahses	71	Ecosystem restoration	0	663.80	650.53	10.00	65.05	585.47	585.47	-
Mshig	65	Ecosystem restoration	0	605.15	593.05	10.00	59.30	533.74	533.74	-
Gdmi Segenet	106	Ecosystem restoration	0	986.86	967.12	10.00	96.71	870.41	870.41	-
Menji Giratmango	86	Ecosystem restoration	0	800.66	784.65	10.00	78.46	706.18	706.18	-

Hohole (Gra Atami)	115	Ecosystem restoration	0	1070.65	1049.24	10.00	104.92	944.31	944.31	-
Lehama (Gorgue)	86	Ecosystem restoration	0	801.59	785.56	10.00	78.56	707.00	707.00	-
Mekno	65	Ecosystem restoration	0	605.15	593.05	10.00	59.30	533.74	533.74	-
Menji Moro	126	Ecosystem restoration	0	1173.06	1149.60	10.00	114.96	1034.64	1034.64	-
Ialay kurkura	167	Ecosystem restoration	0	1554.77	1523.67	10.00	152.37	1371.31	1371.31	-
Kalay Sfra	104	Ecosystem restoration	0	968.24	948.88	10.00	94.89	853.99	853.99	-
Tsehay Zerei	82	Ecosystem restoration	0	763.42	748.15	10.00	74.82	673.34	673.34	
Humer	61	Ecosystem restoration	0	567.91	556.55	10.00	55.66	500.90	500.90	
Guma Amaru	115	Ecosystem restoration	0	1070.65	1049.24	10.00	104.92	944.31	944.31	
Adishm Tnsae	383	Ecosystem restoration	0	3565.73	3494.42	10.00	349.44	3144.97	3144.97	
Adi Agobay	186	Ecosystem restoration	0	1731.66	1697.03	10.00	169.70	1527.32	1527.32	
<b>TOTAL</b>	<b>3889</b>	<b>Ecosystem restoration</b>	<b>0</b>	<b>36208</b>	<b>35483</b>	<b>10</b>	<b>3548</b>	<b>31935</b>	<b>31935</b>	<b>-</b>

\*Sekela Koyetsa and Endabanow belong to the same community ('Maersere').

**C3: Issuance request for projects where issuance is made on the basis of new land being added to the project (e.g. woodlots, calculated *ex-ante*)**

**Table 4: Issuance request for Plan Vivo Certificates allocated to new participants and land based on activity for reporting period 1 August 2023 – 31 July 2024.**

Tech. Spec. used	No of participants / groups allocated	Total area allocated (ha-eq)	Carbon Potential (tCO <sub>2</sub> /ha)	Total ER's minus leakage (tCO <sub>2</sub> )	% buffer	No. of PVCs allocated to buffer this period	Cycle correction 2023 (tech spec update)	Saleable ER's (tCO <sub>2</sub> ) from this period*
<i>Homestead intercropping</i>	701	280.09	149.6	41,063	10	4106	-3514	33,443
<b>TOTAL</b>	<b>701</b>	<b>280.09</b>	<b>-</b>	<b>41,063</b>	<b>-</b>	<b>4106</b>	<b>-3514</b>	<b>33,443</b>

\* Available for future issuance

**C4: Allocation of issuance request**

- The table below details the allocation of issuances from this project.

**Table 5: Allocation of issuance request**

Buyer name/ Unsold Stock	No. PVCs transacted	Registry ID (if available) or Project ID if destined for Unsold Stock	Tech spec(s) associated with issuance
<i>Ethiotrees (first issuance) (vintage Feb2016-Feb2017)</i>	4,873	104000000014099	Ecosystem Restoration
<i>Ethiotrees (second issuance) (vintage Feb2017-Feb2018)</i>	5,856	104000000014099	Ecosystem Restoration

<i>Ethiotrees (third issuance) (vintage Feb2018 - Feb2019)</i>	9,769	104000000014099	<i>Ecosystem Restoration</i>
<i>Ethiotrees (fourth issuance) (vintage July 2018 – July 2019)</i>	5,572	104000000014099	<i>Ecosystem Restoration</i>
<i>Ethiotrees (fifth issuance) (vintage Feb2019 – Feb2020)</i>	12,530	104000000014099	<i>Ecosystem Restoration</i>
<i>EthioTrees (sixth issuance) (vintage Feb2020-Feb2021)</i>	14,819	104000000014099	<i>Ecosystem Restoration</i>
<i>EthioTrees (seventh issuance) (vintage Feb. 2021 – Feb. 2022)</i>	20,259	104000000014099	<i>Ecosystem Restoration</i>
<i>EthioTrees (eighth issuance) (Feb. 2022 – Jan. 2023)</i>	28,595	104000000014099	<i>Ecosystem Restoration</i>
<i>EthioTrees (ninth issuance) (vintage Aug2022 – July 2023)</i>	57,563	104000000014099	<i>Ecosystem Restoration</i>
<i>EthioTrees (ninth issuance) (vintage Aug2022 – July 2023)</i>	7,654	104000000014099	<i>Agroforestry</i>
<i>EthioTrees (tenth issuance) (vintage Feb. 2023 – Jan. 2024)</i>	65,774	104000000014099	<i>Ecosystem Restoration</i>
<i>EthioTrees (eleventh issuance) (Interim Request Form)</i>	23,364	104000000014099	<i>Overperformance</i>
<i>EthioTrees (twelveth issuance) (this vintage)</i>	31,935	104000000014099	<i>Ecosystem Restoration</i>
<b>TOTAL</b>	<b>288,563</b>	<b>104000000014099</b>	

**C5: Data to support issuance request**

- We provide the monitoring data for areas of land and participants which support our issuance request in Annex 1.

## Part D: Sales of Plan Vivo Certificates

### D1: Sales of Plan Vivo Certificates

- In order not to confuse Phase 1 and Phase 2 allocations, the full exhaustive list of all PVC sales will be reported in the next February report. Then, in this report, we below report on the full one-year sales of last year's August issuance, i.e. 57 563 ex post credits from Phase 2 and 7654 ex ante credits from the agroforestry component.

**Table 6: Sales of Plan Vivo Certificates to date**

Buyer	Year of transaction*	Credits bought (tCO2-e)	Value per tonne (USD)
Cloverly (USA)	2024	830	
Ceezer (DE) for STOCKHOLM-SNORRSKENET	2024	189	
Earthly (UK)	2024	727	
Carbonsink	2024	1408 EP	
Cloverly (USA)	2024	4400 EP	
ClimatePartner (DE) (Netflix tender)	2023	50 000 EP	
Trees for All (NL)	2023	7500 EA	

\* EUR and USD conversion rate OANDA 31/12/2023

\*\* Phase 1 site, project sites included in AR February 2016 - 2023; Phase 2 site, project sites included in AR of August 2023 (half annual cycle to align monitoring period with Phase 1 sites);

## **Part E:     Monitoring results**

### **E1:           Ecosystem services monitoring**

- We provide annual monitoring results that support the request for new issuances in Annex 1.

### **E2:           Maintaining commitments**

- No participants have been removed from the project, or had Plan Vivo Certificates allocated against their activities. Due to diverse reasons (mainly the significant work load required to irrigate seedlings during this dry year), 10 “yr-1 farmers” dropped out (i.e. 2ha-eq). These are replaced by farmers in the new planting cycle 2024.

### **E3:           Socioeconomic monitoring**

- We provide the results of monitoring of socioeconomic impacts (survey) every 5 years after baselining (impact indicators). This will be reported during the next verification audit.
- The restoration project has also clear benefits for the wider communities living around the project exclosures. The most important factors include reduction of erosion and gullying, conservation of soil nutrients and groundwater. For instance, forest restoration will locally benefit water availability for the upslope communities. Overall, we expect a net gain in (ground)water availability, also for the upslope communities. More socioenvironmental investments will be made in 2024, through the sales of the Plan Vivo credits.

### **E4:           Environmental and biodiversity monitoring**

- No changes to the monitoring plans or protocols of the project need to be reported in the updates section of this report.

## Part F: Impacts

### F1: Evidence of outcomes

- We report research outcomes, patterns or trends from ongoing monitoring or other information which supports the impacts – socio-economic, environmental or cultural – which the project has had every 5 years after baselining. Resampling data has been collected last year. We refer to the verification report for the evidence of outcomes.

## Part G: Payments for Ecosystem Services

### G1: Summary of PES by year

- We used the following formula to allocate PEServices to n villages (see PDD) (while Phase 2 sites are pooled separately from Phase 1 sites):  
$$\text{PES allocation} = 1/n * 50\% \text{ PES} + \text{Size}(\%) * 50\% \text{ PES}$$
- For the Phase 2 restoration component, a total of 533 846 USD was allocated to payment for ecosystem services. It actually is 43 432 823 ETB (in physical birr bills) as show in breakdown in Table 7.
- The agroforestry trust fund in total comprised of 57 600 euro or 63 570 USD (exchange rate 31/12/2023). One fifth of the trust fund has already been distributed: 11 520 euro or 713 151 ETB or 12 714 USD (exchange rate 31/12/2023). Thus the smallholder farmer (group vintage 2023) received their first milestone payment of 20% after planting (Milestone 1 payment 11,757 euro). Milestone 2 payments are foreseen after approval of the August annual report by Plan Vivo.  

Note that the update of the technical specification affects the payment scheme. After acceptance by Plan Vivo of the annual report (expected in September), the second payment will be distributed for farmers that achieved milestone 2.
- All payments are made in line with the terms of PES agreements signed.

Table 7: Allocation of payment for ecosystem services

<b>S.N</b>	<b>Site (phase 2)</b>	<b>Ha</b>	<b>ETB</b>
1	<i>Adienkrsti (AdEn)</i>	447	1837483
2	<i>Adikilte (AdKI)</i>	171	1001052
3	<i>Akeb hidmo (AkHd)</i>	42,2	610717
4	<i>Ba'ati Haile (BtHI)</i>	167,35	989990
5	<i>Barajira (Brjr)</i>	150	937411
6	<i>Chemate</i>	92,3	762548
7	<i>Chike</i>	451,77	1851938
8	<i>Daengule</i>	132	882861
9	<i>Daerotimqet</i>	96,7	775882
10	<i>Da'kakwey</i>	66	682844
11	<i>Dakuakuat</i>	130	876800
12	<i>Dastenay</i>	91,2	759215
13	<i>Da'tsehagat</i>	198	1082876
14	<i>Deguagush</i>	159	964686
15	<i>Emba</i>	53,7	645569
16	<i>Emba newi</i>	142	913167
17	<i>Emure</i>	313,85	1433966
18	<i>Endahibey</i>	142	913167
19	<i>Endalibanos</i>	70,4	696180
20	<i>Endanebrey</i>	56,5	654054
21	<i>Fereqdre</i>	99,2	783459
22	<i>Gedmi tsitsewhiey</i>	50,8	636780
23	<i>Gogon-Kojejar</i>	134	888922
24	<i>Gra emba araya</i>	100	785883
25	<i>Hzaeti B'eray (HzBr)</i>	302	1398054
26	<i>Jira</i>	123	855586
27	<i>Kbret</i>	175	1013174
28	<i>Maekeldur</i>	141	910135
29	<i>May agualat-Enderta</i>	219	1146518
30	<i>Mhdar Abuer</i>	120,45	847858
31	<i>Mierafchege</i>	337	1504123
32	<i>Miska</i>	90,4	756790
33	<i>Quaya</i>	260	1270770
34	<i>Sequrti</i>	355	1558673
35	<i>Shegalu</i>	121	849525
36	<i>shegere</i>	52,7	642539
37	<i>Sito</i>	196	1076816

38	Wetlaqo	64,5	678299
39	Wukro and gdmi awuhi	168,1	992263
40	Zaka	256	1258649
41	Kurara	46,2	622840
42	werasige	267	1291985
43	Busha	78,8	721635
44	Tsiwtsiwa	80	725273
45	Farqua	92,65	280975
46	Wedigets	68,9	249265
47	Endahibye	192	413627
Grand Total		7363,7	43 432 823

## Part H: Ongoing participation

### H1: Recruitment

- Recruitment of the associations / focus groups of all exclosures was completed before the earliest stage of the vintage period. All sites comply with the eligibility criteria set out in the PDD.
- During this reporting period, 701 new agroforestry farmers have been recruited (on 149 ha-eq).

### H2: Project Potential

- No participant or area under management is on the project's 'waiting list' i.e. where a PES agreement is not yet signed but a *plan vivo* is in use.
- The project aims to implement the following recommendations from the Scientific Advisory Board, in their 2024 internal audit report:
  - Strategies for the improvement of survival rate of planted seedlings in the project sites (species & site selection, standard & quality seedlings, planting structures (e.g., dimensions, spacing, water harvesting etc.), pest control, post planting management (watering e.g., pitcher irrigation or drip irrigation with plastic bottles



- or pots), weeding, hoeing, fencing etc.,) and M & E.
- Feasibility study on the expansion of agroforestry practices in highland areas and overall expansion of the project to enrich degraded areas in both agro-ecologies.
- Consider planting multipurpose trees (nitrogen fixing trees on farmlands),
- Classification of trees based on their main function so there could be less competition for resources (trees for SWC, soil improving, fencing, forage etc.)
- Technical support such as spacing between trees, site selection, silvicultural treatments and other tree management are needed to improve the agroforestry practices and benefit farmers in time.

### H3: Community participation

- We briefly report on the community activities and meetings held throughout the reporting period and attach the pictures of these to Annex 2.
- There are weekly informal meetings with the communities via the community liaison officers (frequently after Sunday church). These meetings are important to get feedback and sensitize the participants. Overall the community feedback is very positive, there are no major issues raised.
- Organized trainings and capacity building events:

#### Organized training and capacity building up to June 2024

S.N	Agenda or Title of Training for	Center of Training	M	F	Total	Remark
1	Training for Beehive owner farmers of Tabia Amanit and support Honey extractors & material	Togogua	49	0	49	March 15-17/2024
2	Training of Etan (Boswellia) Association for Tabia Amanit and Endasilassie	H/Selam	73	13	86	April 2-4/2024
3	Training for beehives owners farmers of Tabia Aynmbrkekn, Endaslase, Adilal and A/Azmera and Honey extractors material support (Three teams)	H/Selam	53	2	55	April 6-8/2024
4	Training for Maygenet Irrigation Beneficiary Farmers	Togogua	26	6	32	April 21-23/2024
5	Overall Training for Shire staff	Shire	5	1	6	May 7-9/2024
6	Workshop and capacity building for Shire cluster partner	Shire	23	1	24	May 15-17/2024
7	Capacity building for partners(stockholders) of Kolla Tembien cluster	Aby Adi	80	15	95	June 25-27/2024
8	Training for bee hive association in kola and support materials	Aby-Adi	57	3	60	June 28-30/2024
9	Agroforestry workshop and payment facilitation	Aby-Adi	94	8	102	August 20/2024

10	Workshop and capacity building for Edaga Arbi cluster partner	Edaga arbi	50	7	57	September 14-15/2024
11	Training bee hive associations in Togogua and support them with materials	togogua	39	5	44	September 20-22/2024
Total			549	61	610	

- Organized Apiculture Trainings:

Organized training and capacity building							
S. N	Agenda or Title of Training	Center of Training	M	F	Total	Date	Remark
1	Training for Beehives owner farmers of Tabia Amanit and support Honey extractors material	Togogua	49	0	49	March 15-17/2024	The beneficiaries are selected From the exclosures (adilihtsi,mayhibo,maygenet,gestate)
2	Training bee hive associations in Kola and supporting materials	Aby-Adi	57	3	60	June 28-30/2024	From 12exclosures that have associations
3	Training bee hive associations in Togogua and support materials	Togogua	39	5	44	September 20-22/2024	From meam atal,togogua (dareohidag),Gidmitsetsewhi,dastena y
Total			145	8	153		

## Part I: Project operating costs

### I1: Allocation of costs

- We completed the table below summarizing project costs and the sources of income used to meet these costs.
- All income generated from the sale of environmental services is used to support farmer & community payment (60%) and project operations (40%) as shown in table 8 below.

**Table 8: Allocation of costs (2023 annual account, 2024 annual account to be presented in next February report).**

Expense	Narrative	Amount (if possible in USD\$)	Contribution from sale of PVCs	Contribution from other sources

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## Annexes

### Annex 1. Monitoring results that supports the issuance request

#### Ecosystem Services Monitoring

Activity	Activity Indicator (measure annually)	Annual Targets			Results
		Full Target Achievement	Partial Target Achievement	Missed Target	
Restoration activities	Area of each exclosure undergoing active restoration activities	>10%	=10%	<10%	All project areas are undergoing restoration
Tree Planting	Number of seedlings	>=10000 seedlings	<10000 and >=5000	<5000 seedlings	50 277
	Survival Rate	>=60%	<60 and >=40	<40%	82%

\* If one or more of the indicator values is below its performance target for one monitoring period, the full issuance is received but corrective actions must be implemented. In 2024, extra seedlings will be planted.

#### Socioeconomic Monitoring

Activity	Activity Indicator (measure annually)	Annual Targets			Results
		Full Target Achievement	Partial Target Achievement	Missed Target	
Capacity-Building	Number of organized trainings for landless farmers (M/V) per year per exclosure	1		0	For all sites, trainings have been organised
	Participants from more vulnerable	>25%		<25%	Average participation was 25.3%

	groups (women, youth, elderly people)				
<b>Availability of grass fodder</b>	Beneficiaries of grass fodder per exclosure	<b>&gt;=3</b>	<3 and >=2	0	Cut and carry system implemented everywhere
<b>Countering displaced grazing</b>	Index for number of observations of displaced grazing mentioned during the yearly meeting of association, other NTFP users and the village council and corroborated in the field by EthioTrees staff(*)	<b>&lt;2</b>	2	>2	At all sites <2
<b>Countering timber harvesting on public lands</b>	Index for number of observations of timber harvesting on public lands mentioned during the yearly meeting of association, other NTFP users and the village council and corroborated in the field by EthioTrees staff(*)	<b>&lt;2</b>	2	>2	At all sites <2

\* The indexes are categorized in five scores with 2 being medium pressure. A category 2 for grazing pressure agrees with little presence of livestock dung and hoofmarks, soil not compacted and grasses abundantly available. A category 2 for harvesting pressure agrees with little evidence of illegal stem or branch cuttings.

#### Environmental Monitoring

Activity	Activity Indicator (measure annually)	Annual Targets			Result and mitigating actions
		Full Target Achievement	Partial Target Achievement	Missed Target	
<b>Water Management</b>	Number of Percolation Ponds per exclosure	<b>&gt;=2</b>	<2 and >=1	0	At all sites = 2

There are the following consequences for certificate issuance and corrective actions that will be implemented if the yearly performance targets are not met:

- (i) If the values for all indicators meet or exceed their performance target, the full issuance is received;
- (ii) If one or more of the indicator values is below its performance target for one monitoring period, the full issuance is received but corrective actions must be implemented;

(iii) If one or more of the indicator values is below its performance target for two consecutive monitoring periods, certificate issuance is withheld until corrective actions have been implemented and the performance target(s) have been reached.



## Annex 2. Short photo report



Agroforestry planting by Hailay Kahsay, Moringa and Christ thorne seedlings in werkamba village, 10 months after planting.



Project Nursery with endemic forest species (upper) and fruit species (lower)





"I planted Acacia Albida, Ziziphus and Moringa in my plot last year. My favorite species is Ziziphus, which i planted on the boundary of my plot. Ziziphus provides fruits we can eat and use for fodder and is perfect for fencing as it carries thorns."

Haftu Gebreselassie, Dr. Ataklit community, AF participant







Distribution of the seedlings in July 2024