Annual Report

EthioTrees Project

1 February 2024 – 31 January 2025

Annual Report 1 February 2024 - 31 January 2025

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Submitted by: EthioTrees

Date of submission: 14 – 02 – 2025

Summary

Project overview	
Reporting period	1 February 2024 – 31 January 2025
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 2024)	Added/ Issued this period	Total
No. smallholder households with PES agreements	810[c]	0	810
No. community groups with PES agreements (where applicable) by January 2025	81	23	104
Approximate nr. of households in community groups	31,770	9020	40,790
Area under management (ha) with PES agreements in place	15,715	4179	19,894
Total PES payments made to participants (USD)	1,104,046 USD[a]	665,567 USD[b]	1,769,613 USD
Total sum held in trust for future PES payments (USD)	50,856 USD	192,765 USD	243,621 USD[b]
Allocation to Plan Vivo buffer (tCO_2)	36,168	16,093	52,261
Saleable emissions reductions achieved (tCO_2)	322,006	144,837	466,843

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

Plan Vivo Certificates (PVCs) issued to date	**322,006**
Plan Vivo Certificates requested for issuance (Feb2024 – January 2025 Vintage)	**144,837**
PVCs available for future issuance	**0**
Total PVCs issued (including this report)	**466,843**

[a] see previous report (August2024-July2025).
[b] based on USD conversion (oanda.com dd. 31/12/2024)
[c] One of the dropouts discussed in the interim report (Aug2023-July2024) includes a mango association with 25 members, therefore the number 835 has been corrected to 810.

Part A: Project updates

A1: Key events

- EthioTrees has now fully implemented dynamic baselining. This is done by comparing the evolution in the project areas to matched areas that have not been enrolled in the project, called control areas. These control areas were measured in 2016/2018 and remeasured in 2024. Dynamic baselines are updated over time to account for changes in conditions in both the project areas and the control areas. This allows for a more accurate estimate of the baseline scenario evolution. According to PU001, baseline removals in woody biomass can be estimated through measurements in matched control areas, following the procedures in AR-TOOL14 v4.2. The measurements in matched control areas are carried out in line with the monitoring protocol of the approved PDD, while the control areas have been selected by the Scientific Advisory Board based on the PU001 matching criteria.
- Overall, the significant ($p < 0.05$) decline in above-ground biomass in the control areas stands in contrast to the significant ($p < 0.05$) increase in above-ground biomass in the project areas, but this is not unexpected given the impacts of the conflict. Overall, the real-world results corroborate that the baseline scenario, assuming a stable carbon baseline over time, is extremely conservative indeed.
- 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.
- 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.
- In 2024, we installed 7068 deep trenches (21,232 m^3), 149,198m stone bunds, 1513m

stone bunds combined with trenches, 370 half-moons, 798 m^3 ponds and 168 m^3 check dams.

- On top, in the newly added exclosures, we installed 639 deep trenches (1917 m^3), 7970m stone bunds, and 1845 m stone bunds combined with trenches.
- 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 new staff members at the Shire and Wukro Office and will further grow over the coming year. By February 2025, we have employed 39 office workers, 212 data collectors, 293 forest rangers, 27 nursery employees, 810 agroforestry farmers, 1304 tree planters, and 13728 daily labourers for soil-and-water-conservation-structures.
- Over the course of 2024, EthioTrees organised trainings for 9966 male and 3034 female participants (see §H3).
- In addition, together with experts from Oxfam, trainings have been organised in modern beehive management, strengthened with the purchase of honey extractors. 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, 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.
- The high 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.
- The EthioTrees project expanded this year further into the Shire/We're/Nebelet districts. First-year project activities were carried out successfully.

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. Overall, we target most plan vivo funds towards (i) schooling, (ii) water access and (iii) cash-for-food.
- In 2025 and 2026, the project objective remains to further scale its impact to contribute to the post-conflict reconstruction in the region. The project successfully continued restoration activities around Edaga-Arbi and Wukro. 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	19,583	0	104
Agroforestry	311	810*	0

*One of the dropouts discussed in the interim report (Aug2023-July2024) includes a mango association with 25 members, therefore the number 835 has been corrected to 810.

B2: Agroforestry activities

- For a detailed discussion of the agroforestry activities, we refer to the approved 2023-2024 Interim Report.

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 (170 people) in cash, that is 1000 ETB each (H/Selam 65, Enderta 65 and Degua Tembien 40). The beneficiaries include vulnerable and assaulted women, disabled children and HIV victims. Together with Tesfays project, we have also supported school material for 50 vulnerable students (exercise books and 5 pens each). All those beneficiaries have been selected with the help of the woreda social affairs office.
- In addition, EthioTrees also initiated a “student project” to incentivise school attendance. In 2024, that student project distributed 6350 pens and 12096 exercise books to 50 local schools.

Photo 1: In 2024, the EthioTrees student project distributed 6350 pens and 12096 exercise books to 50 local schools.

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 tCO2 reductions available for issuance as Plan Vivo Certificates based on activity for reporting period 1 February 2024 – 31 January 2025.

Area ID	Plani-metric area (ha)	Tech. Spec	Saleable ER's (tCO_2) available from previous periods	Total ER's (tCO_2) achieved this period	ER's minus leakage of 2%	% Buffer	No. of PVCs allocated to buffer from ER's achieved this period	Sale-able ER's (tCO_2) from this period	Issuance request (PVCs) ****
*Adi Lehtsi**	*412*	*Ecosystem restoration*	0	3836	3759	10	376	3383	3383
*Gidme Gestet**	*46*	*Ecosystem restoration*	*0*	428	420	*10*	42	378	378
*Meam Atali**	*83*	*Ecosystem restoration*	*0*	773	757	10	76	682	682

*May Getnet**	*51*	*Ecosystem restoration*	0	475	465	*10*	47	419	419
*May Hibo**	*53*	*Ecosystem restoration*	0	493	484	10	48	435	435
*Afedena**	*81*	*Ecosystem restoration*	0	754	739	*10*	74	665	665
*Adilal**	*148*	*Ecosystem restoration*	0	1378	1350	10	135	1215	1215
*Gemgema**	*93*	*Ecosystem restoration*	0	866	849	*10*	85	764	764
*Zban Dake**	*300*	*Ecosystem restoration*	0	2793	2737	10	274	2463	2463
*May Baeti**	*46*	*Ecosystem restoration*	0	428	420	*10*	42	378	378
*Lafa**	*45*	*Ecosystem restoration*	*0*	419	411	10	41	370	370
*Daero Hidag**	*112*	*Ecosystem restoration*	*0*	1043	1022	*10*	102	920	920
*Togul**	*36*	*Ecosystem restoration*	0	335	328	10	33	296	296
*Sesemat**	*46*	*Ecosystem restoration*	0	428	420	*10*	42	378	378
*Adi Meles**	*65*	*Ecosystem restoration*	0	605	593	10	59	534	534
*Chele Quot**	*50*	*Ecosystem restoration*	0	466	456	*10*	46	411	411
*Katna Ruba**	*44*	*Ecosystem restoration*	0	410	401	10	40	361	361
*Gojam Sefra**	*275*	*Ecosystem restoration*	0	2560	2509	*10*	251	2258	2258
*Debremed hanit**	*647*	*Ecosystem restoration*	0	6024	5903	10	590	5313	5313
*Hawahiwa**	*199*	*Ecosystem restoration*	0	1853	1816	*10*	182	1634	1634
*Dawsira **	*1319*	*Ecosystem restoration*	0	12280	12034	10	1203	10831	10831
*Adienkrti (AdEn)**	*447*	*Ecosystem restoration*	0	4162	4078	*10*	408	3671	3671
*Adikilte (AdKl)**	*171*	*Ecosystem restoration*	0	1592	1560	10	156	1404	1404
*Akeb hidmo (AkHd)**	*42*	*Ecosystem restoration*	0	391	383	*10*	38	345	345
*Ba'ati Haile (BtHl)**	*167*	*Ecosystem restoration*	0	1555	1524	10	152	1371	1371
*Barajira (Brjr)**	*150*	*Ecosystem restoration*	0	1397	1369	*10*	137	1232	1232
*Chemate***	*92*	*Ecosystem restoration*	0	857	839	10	84	755	755
*Chike**	*452*	*Ecosystem restoration*	0	4208	4124	*10*	412	3712	3712
*Daengule**	*132*	*Ecosystem restoration*	0	1229	1204	10	120	1084	1084
*Daerotimqet**	*97*	*Ecosystem restoration*	0	903	885	*10*	89	797	797
*Da'kakwey**	*66*	*Ecosystem restoration*	0	614	602	10	60	542	542

*Dakuakuat**	*130*	*Ecosystem restoration*	0	1210	1186	*10*	119	1067	1067
*Dastenay**	*91*	*Ecosystem restoration*	0	847	830	10	83	747	747
*Da'tsehagat**	*198*	*Ecosystem restoration*	0	1843	1807	*10*	181	1626	1626
*Deguagush**	*159*	*Ecosystem restoration*	0	1480	1451	10	145	1306	1306
*Emba**	*54*	*Ecosystem restoration*	0	503	493	*10*	49	443	443
*Emba newi**	*142*	*Ecosystem restoration*	0	1322	1296	10	130	1166	1166
*Emure**	*314*	*Ecosystem restoration*	0	2923	2865	*10*	286	2578	2578
*Endahibey**	*142*	*Ecosystem restoration*	0	1322	1296	10	130	1166	1166
*Endalibanos**	*70*	*Ecosystem restoration*	0	652	639	*10*	64	575	575
*Endanebrey**	*57*	*Ecosystem restoration*	0	531	520	10	52	468	468
*Fereqdre**	*99*	*Ecosystem restoration*	0	922	903	*10*	90	813	813
*Gedmi tsitsewhiey**	*51*	*Ecosystem restoration*	0	475	465	10	47	419	419
*Gogon-Kojejar**	*134*	*Ecosystem restoration*	0	1248	1223	*10*	122	1100	1100
*Gra emba araya**	*100*	*Ecosystem restoration*	0	931	912	10	91	821	821
*Hzaeti B'eray (HzBr)**	*302*	*Ecosystem restoration*	0	2812	2755	*10*	276	2480	2480
*Jira**	*123*	*Ecosystem restoration*	0	1145	1122	10	112	1010	1010
*Kbret**	*175*	*Ecosystem restoration*	0	1629	1597	*10*	160	1437	1437
*Maekeldur**	*141*	*Ecosystem restoration*	0	1313	1286	10	129	1158	1158
*May agualat-Enderta**	*219*	*Ecosystem restoration*	0	2039	1998	*10*	200	1798	1798
*Mhdar Abuer**	*120*	*Ecosystem restoration*	0	1117	1095	10	109	985	985
*Mierafchege**	*337*	*Ecosystem restoration*	0	3137	3075	*10*	307	2767	2767
*Miska**	*90*	*Ecosystem restoration*	0	838	821	10	82	739	739
*Quaya**	*260*	*Ecosystem restoration*	0	2421	2372	*10*	237	2135	2135
*Sequrti**	*355*	*Ecosystem restoration*	0	3305	3239	10	324	2915	2915
*Shegalu**	*121*	*Ecosystem restoration*	0	1127	1104	*10*	110	994	994
*Shegere**	*53*	*Ecosystem restoration*	0	493	484	10	48	435	435
*Sito**	*196*	*Ecosystem restoration*	0	1825	1788	*10*	179	1609	1609
*Wetlaqo**	*65*	*Ecosystem restoration*	0	605	593	10	59	534	534

*Wukro and gdmi awuhi**	*168*	*Ecosystem restoration*	0	1564	1533	*10*	153	1380	1380
*Zaka**	*256*	*Ecosystem restoration*	0	2383	2336	10	234	2102	2102
*Kurara**	*46*	*Ecosystem restoration*	0	428	420	*10*	42	378	378
*Werasige**	*267*	*Ecosystem restoration*	0	2486	2436	10	244	2192	2192
*Busha**	*79*	*Ecosystem restoration*	0	735	721	*10*	72	649	649
*Tsiwtsiwa**	*80*	*Ecosystem restoration*	0	745	730	10	73	657	657
*Farqua**	*93*	*Ecosystem restoration*	0	866	849	*10*	85	764	764
*Wedigets**	*69*	*Ecosystem restoration*	0	642	630	10	63	567	567
*Endahibye**	*192*	*Ecosystem restoration*	0	1788	1752	*10*	175	1577	1577
Alogen**	200	*Ecosystem restoration*	0	931	912	10	91	821	821
Betmarya**	254	*Ecosystem restoration*	0	1182	1159	*10*	116	1043	1043
Endabanow**	44	*Ecosystem restoration*	0	205	201	10	20	181	181
Sekela Koyetsa**	295	*Ecosystem restoration*	0	1373	1346	*10*	135	1211	1211
Seqere**	95	*Ecosystem restoration*	0	442	433	10	43	390	390
Tata**	106	*Ecosystem restoration*	0	493	484	*10*	48	435	435
Abaqo**	173	*Ecosystem restoration*	0	805	789	10	79	710	710
Adi Degol**	182	*Ecosystem restoration*	0	847	830	*10*	83	747	747
Rubalemin**	564	*Ecosystem restoration*	0	2625	2573	10	257	2316	2316
Debre Ango**	92	*Ecosystem restoration*	0	428	420	*10*	42	378	378
Endemariam**	66	*Ecosystem restoration*	0	307	301	10	30	271	271
Endatahses**	71	*Ecosystem restoration*	0	331	324	*10*	32	292	292
Mshig**	65	*Ecosystem restoration*	0	303	297	10	30	267	267
Gdmi Segenet**	106	*Ecosystem restoration*	0	493	484	*10*	48	435	435
Menji Giratmango**	86	*Ecosystem restoration*	0	400	392	10	39	353	353
Hohole (Gra Atami)**	115	*Ecosystem restoration*	0	535	525	*10*	52	472	472
Lehama (Gorgue)**	86	*Ecosystem restoration*	0	400	392	10	39	353	353
Mekno**	65	*Ecosystem restoration*	0	303	297	*10*	30	267	267
Menji Moro**	126	*Ecosystem restoration*	0	587	575	10	57	517	517

laelay kurkura**	167	*Ecosystem restoration*	0	777	762	*10*	76	686	686
Kalay Sfra**	104	*Ecosystem restoration*	0	484	474	10	47	427	427
Tsehay Zerei**	82	*Ecosystem restoration*	0	382	374	*10*	37	337	337
Humer**	*61*	*Ecosystem restoration*	0	284	278	10	28	250	250
Guma Amaru**	*115*	*Ecosystem restoration*	0	535	525	*10*	52	472	472
Adishm Tnsae**	*383*	*Ecosystem restoration*	0	1783	1747	10	175	1572	1572
Adi Agobay**	*186*	*Ecosystem restoration*	0	866	849	*10*	85	764	764
Adikurtuman***	54	*Ecosystem restoration*	0	503	493	10	49	443	443
Adichomo***	466	*Ecosystem restoration*	0	4338	4252	*10*	425	3827	3827
Koyetsa***	64	*Ecosystem restoration*	0	596	584	10	58	526	526
adi shihak***	293	*Ecosystem restoration*	0	2728	2673	*10*	267	2406	2406
Gra jumut***	86	*Ecosystem restoration*	0	801	785	10	78	706	706
Mftah korecha***	107	*Ecosystem restoration*	0	996	976	*10*	98	879	879
Endamedhanialem ***	52	*Ecosystem restoration*	0	484	474	10	47	427	427
Moranfo***	99	*Ecosystem restoration*	0	922	903	*10*	90	813	813
Gonou***	194	*Ecosystem restoration*	0	1806	1770	10	177	1593	1593
Beherawi***	93	*Ecosystem restoration*	0	866	849	*10*	85	764	764
Jerquawe***	401	*Ecosystem restoration*	0	3733	3659	10	366	3293	3293
Gorgoro***	173	*Ecosystem restoration*	0	1611	1578	*10*	158	1421	1421
Embay kome***	118	*Ecosystem restoration*	0	1099	1077	10	108	969	969
Beati geretsahmo***	300	*Ecosystem restoration*	0	2793	2737	*10*	274	2463	2463
Mewlad agam***	83	*Ecosystem restoration*	0	773	757	10	76	682	682
Tsgaba***	242	*Ecosystem restoration*	0	2253	2208	*10*	221	1987	1987
Adi mereta***	114	*Ecosystem restoration*	0	1061	1040	10	104	936	936
mayta muz***	133	*Ecosystem restoration*	0	1238	1213	*10*	121	1092	1092
Beati nebri***	57	*Ecosystem restoration*	0	531	520	10	52	468	468
Flika***	52	*Ecosystem restoration*	0	484	474	*10*	47	427	427
Tsariya***	86	*Ecosystem restoration*	0	801	785	10	78	706	706

Tiemti wushita***	62	*Ecosystem restoration*	0	577	566	*10*	57	509	509
Gulcheda***	98	*Ecosystem restoration*	0	912	894	10	89	805	805
filfle***	96	*Ecosystem restoration*	0	894	876	*10*	88	788	788
Dramba/endagebeta***	261	*Ecosystem restoration*	0	2430	2381	10	238	2143	2143
may korabit***	205	*Ecosystem restoration*	0	1909	1870	*10*	187	1683	1683
May Bhri***	190	*Ecosystem restoration*	0	1769	1734	10	173	1560	1560
TOTAL	*19583*	*Ecosystem restoration*	*0*	**164214**	**160930**	**10**	**16093**	**144837**	**14 4837**

**Phase 1& phase2 site, project sites included in AR February 2016 - 2024;*
***Phase 3 site, project sites included in AR of August 2024 (half annual cycle to align monitoring period with all other sites);*
****Newest expansion, project sites included in AR February 2025 (this report, full cycle, will also be named under Phase 3).*
***** No ER's (tCO2) available for future issuance*

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*)

- We do not request issuance for ex ante credits in this annual report.

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
Ethiotrees (first issuance) (vintage Feb2016-Feb2017)	*4,873*	*104000000014099*	*Ecosystem Restoration*
Ethiotrees (second issuance) (vintage Feb2017-Feb2018)	*5,856*	*104000000014099*	*Ecosystem Restoration*
Ethiotrees (third issuance) (vintage Feb2018 - Feb2019)	*9,769*	*104000000014099*	*Ecosystem Restoration*
Ethiotrees (fourth issuance) (vintage July 2018 – July 2019)	*5,572*	*104000000014099*	*Ecosystem Restoration*
Ethiotrees (fifth issuance) (vintage Feb2019 – Feb2020)	*12,530*	*104000000014099*	*Ecosystem Restoration*
EthioTrees (sixth issuance) (vintage Feb2020-Feb2021)	*14,819*	*104000000014099*	*Ecosystem Restoration*
EthioTrees (seventh issuance) (vintage Feb. 2021 – Feb. 2022)	*20,259*	*104000000014099*	*Ecosystem Restoration*

EthioTrees (eighth issuance) (Feb. 2022 – Jan. 2023)	*28,595*	*104000000014099*	*Ecosystem Restoration*
EthioTrees (ninth issuance) (vintage Aug2022 – July 2023)	*57,563*	*104000000014099*	*Ecosystem Restoration*
EthioTrees (ninth issuance) (vintage Aug2022 – July 2023)	*7,654*	*104000000014099*	*Agroforestry*
EthioTrees (tenth issuance) (vintage Feb. 2023 – Jan. 2024)	*65,774*	*104000000014099*	*Ecosystem Restoration*
EthioTrees (eleventh issuance) (Interim Request Form)	*23,364*	*104000000014099*	*Overperformance*
EthioTrees (twelveth issuance) (vintage Aug2023 – July 2024)	*31,935*	104000000014099	*Ecosystem Restoration*
EthioTrees (thirteenth issuance) (Interim Request Form)	*33,443*	*104000000014099*	*Agroforestry*
TOTAL UP TO DATE	***322,006***	*104000000014099*	
EthioTrees (fourteenth issuance) (this vintage)	*144,837*	*104000000014099*	*Ecosystem Restoration*
TOTAL	***466,843***	*104000000014099*	

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

- We report on the Sales of PVCs below.

Table 6: Sales of Plan Vivo Certificates

Buyer	Year of transaction*	Credits bought (tCO2-e)	Value per tonne
Cloverly (USA)	2024	830	
Ceezer (DE) for STOCKHOLM-SNORRSKENET	2024	189	
Earthly (UK)	2024	727	
Carbonsink	2024	1408	

Cloverly (USA)	2024	4400	
Earthly (UK)	2024	18109**	
Earthly (UK)	2024	615	
Earthly (UK)	2024	2172	
Triginta (BE)	2024	723	
myClimate (SL)	2024	10 000	
ClimatePartner (DE)	2024	40 000	
ClimatePartner (DE)	2024	6323**	
Ceezer (DE) (Stryber)	2024	335**	
Ceezer (DE) (Finance in motion)	2024	41**	
Ceezer (DE) (Finance in motion)	2024	859	
C-Level (UK)	2024	100**	
Pachama 1 (US)	2024	10 000	
Pachama 2 (US)	2024	10 454**	
Pachama 3 (US)	2024	14 557**	
Davines (IT)	2024	5000**	
OLV College Ostend (BE)	2024	17 EA**	
Victor Buyck (BE)	2024	16 EA**	
Trees for All (NL)	2024	30 000 EA**	

*rate 31/12/2024 (oanda.com)
**Recent sales for which PES will be reported in the August2024-July2025 report

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.

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 2025, 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.
- Last year, we added 27 ecosystem restoration areas.

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 have been collected in 2023. 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 sites are pooled separately from per Phase):

  PES allocation = 1/n*50% PES + Size(%)*50% PES
- For the August2023-July2024 cycle, a total of 43,432,823 ETB or 533,846 USD was allocated to payment for ecosystem services. We refer to the reporting in the Interim Report August2023-Augst2024.
- For the Feb2024-Jan2025 cycle (i.e. issuance 65,774 credits), an additional total of 665,567 USD was allocated to payment for ecosystem services (see Table 6 in §D1).
- The 2023 agroforestry trust fund in total comprised of 57,600 euro or 63,570 USD (exchange rate 31/12/2023). Two fifths of the trust fund has already been distributed: two slices of 11,520 euro or 713,151 ETB or 12,714 USD each (exchange rate 31/12/2023).
- The 2024 agroforestry trust fund in total comprised of 246,600 EUR or 256,849 USD (exchange rate 31/12/2024). One fifth of the trust fund has already been distributed.
- All payments are made in line with the terms of PES agreements signed.

Table 8: Summary of payments made and held in trust

1. Reporting year (mm/yy – mm/yy)	2. Total previous payments (previous reporting periods)	3. Total ongoing payments (in this reporting period)	4. Total payments made (2+3)	5. Total payments held in trust	6. Total payments withheld
Feb2016-Jan2017	0	0	0	0	0
Feb2017-Jan2018	0	0	0	0	0
Feb2018-Jan2019	0	31,795	31,795	0	0
Aug2018-July2019	31,795	38,271	70,066	0	0
Feb2019-Jan2020	70,066	16,053	86,119	0	0
Feb2020-Jan2021	86,119	58,298	144,417	0	0
Feb2021-Jan2022	144,417	50,891	195,308	0	0
Feb2022-Jan2023	195,308	140,332	335,640	0	0
Feb2023-Jan2024	335,640	221,846	557,486	0	0
Aug2023-July2024	557,486	546,560	1,104,046	50,856	0
Feb2024-Jan2025	1,104,046	665,567	1,769,613	192,765	0
TOTAL	**1,104,046**	**1,769,613**	**1,769,613**	**243,621**	**0**

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, 23 new communities have been recruited.

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.

H3: Community participation

- 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, apiculture trainings and capacity building events:

Organized trainings						
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 Apiculture Trainings							
S.N	Agenda or Title of Training for	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, dastenay
Total			145	8	153		

- Organized capacity trainings:

S.N	Woreda	Site Name	Village	Beneficiary		
				M	F	Total
1	Degua	Gojam sfra	Debregunful	233	85	318
2	Degua	May Beati	Aynbrkekn	197	83	280
3	Degua	Gemgema/Tsgaba	Aynbrkekn	153	45	198
4	Degua	Maybati/Hichi	Aynbrkekn	74	54	128
5	Degua	Gogon kojejar	Rubaksa	162	159	321
6	Degua	Datsehagat	Waseya	311	108	419
7	Degua	Zban Dake & Ketina Ruba	Ddben	384	94	478
8	Degua	D/medhanit	D/medhanit	475	96	571
9	Enderta	Gidmi geste	Adi keshefo (part of Gdmi Gestate)	141	41	182
10	Enderta	Lafa	Lafa	98	26	124
11	Enderta	Adikeshi	Adikeshi (Daero Hidag)	93	21	114
12	Enderta	Emba	Adikeshefo	133	30	163
13	Enderta	Mhdar Abuer	Limat/Adlhtsi	137	13	150
14	Enderta	Zban Seraw	Emnikelalu (Emuro)	64	10	74
15	Enderta	Shegalu	Cheleqot	166	134	300
16	Enderta	Meametal	Meametal	186	110	296
17	Enderta	Gra Emba Araya	Hlisha	103	3	106
18	Enderta	May Agualat	Atsetsa	121	21	142
19	Enderta	Adilihtsi & Mayhibo	Adilihtsi & Mayhibo	218	40	258
20	Enderta	Dakakwey	Lafa	100	33	133
21	Enderta	Gidmi Tsetsewhi	Mshlam	332	98	430
22	Enderta	Mkmat awra	H/Bieray	243	48	291
23	Enderta	Dakakwey	Lafa	100	26	126
24	Enderta	Mhdar Abuer	Limat	206	44	250
25	Enderta	Sesemat	Sesemat	210	68	278
26	Enderta	Emure	Zban seraw	62	12	74
27	Enderta	Segenet school	Segenet	5	2	7

28	Gerealta	Hawahiwa	Hadnet	179	58	237
29	Gerealta	Adilal	Adilal	155	19	174
30	KoT	Akebhidmo	Dernetseb	125	4	129
31	KoT	Chimate	Merere	99	41	140
32	KoT	Tsiwatsiwa	Shulum Emni	142	54	196
33	KoT	Endabalibanos	Shulum Emni	167	53	220
34	KoT	Miska	Merere	154	67	221
35	KoT	Edanebriy	Merere	101	23	124
36	KoT	Romerne (Kibret)	Arene	153	19	172
37	KoT	Beles Werasge	Smret	143	55	198
38	KoT	Siqurti	Debregenet	234	93	327
39	KoT	Busha	Guya	292	77	369
40	KoT	Wetlako	Begasheka	60	28	88
41	KoT	Gulguza/Zaka	Arene	278	14	292
42	KoT	Kurara	Simret	106	47	153
43	KyT	Adikilte	Dabanew	142	68	210
44	KyT	Endahibey	Dabanew	326	99	425
45	KyT	Shegere	Menji	136	66	202
46	KyT	Deguagush	Wekamba	137	3	140
47	KyT	Daengule	Dabanew	85	43	128
48	KyT	Adienqrti	Senta Gelebeda	69	11	80
49	KyT	Dakuakuat	Wihdet	81	11	92
50	KyT	Fereqdre	Dr Ataklti	95	4	99
51	KyT	Barajira	Dr Ataklti	87	5	92
52	KyT	Daerotimqet	Adiha	145	44	189
53	KyT	Wukro	Selam	324	130	454
54	KyT	Sito	Dr Ataklti	95	10	105
55	KyT	Mieraf chege	Limat	146	25	171
56	KyT	Jira	Dr Ataklti	87	14	101
57	T/mlash	Dawsera	Limat	129	43	172
58	T/mlash	Dawsera	Mizan	345	88	433
59	T/mlash	Chick	Agbe	164	55	219
60	T/mlash	Dawsera	Sheka Tekli	278	159	437
	Total			**9966**	**3034**	**13000**

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

Expense	Narrative	Amount	Contribution from sale of PVCs	Contribution from other sources
Investments	Project investments (excluding PES) (ETB)		94%	6%
Functioning	Mobility, Offices, field materials, logistical costs (ETB)		100%	0%
Personnel	Coordination, project staff (ETB)		100%	0%
Plan Vivo investments	See the cost allocation described in section G1		100%	0%
Trust fund 2023	PES budget in trust fund (total) (USD)		100%	0%
Trust fund 2024	PES budget in trust fund (total) (USD)		100%	0%

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	110 216
	Survival Rate	>=60%	<60 and >=40	<40%	76%

** 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 Achiev-ement	Missed Target	
Capacity-Building	Number of organized trainings for landless farmers (M/V) per year per exclosure	1		0	For 60 sites, trainings have been organised (13,000 participants) + weekly informal meetings at all sites
	Participants from more vulnerable groups (women, youth, elderly people)	>25%		<25%	Average participation was 35.0%
Availability of grass fodder	Beneficiaries of grass fodder per exclosure	>=3	<3 and >=2	0	Cut and carry system implemented everywhere
Countering displaced grazing	Index for number of observations of displaced grazing	<2	2	>2	At all sites <2

	mentioned during the yearly meeting of association, other NTFP users and the village council and corroborated in the field by EthioTrees staff(*)				
Countering timber harvesting on public lands	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(*)	<2	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	
Water Management	Number of Percolation Ponds per exclosure	>=2	<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. Historical sales data

Table: Historical sales of Plan Vivo Certificates to date (2018-2023)

Buyer	Year of transaction*	Credits bought (tCO2-e)	Value per tonne
Carbon Sink (IT)	2018	5000	
Zero Mission (SE)	2018	5000	
Carbon Sink (IT)	2019a	5000	
Zero Mission (SE)	2019a	5450	
Carbon Sink (IT)	2019b	5000	
Victor Buyck (BE)	2019	162	
Zero Mission (SE)	2020a	550	
Zero Mission (SE)	2020b	5696	
Carbon Sink (IT)	2020a	5000	
Zero Mission (SE)	2020c	1660	
Carbon Sink (IT)	2021 (April)	10000	
Carbon Sink (IT)	2021 (Feb)	941	
Victor Buyck (BE)	2021	159	
Zero Mission (SE)	2021	3800	
Davines (IT)	2022	9260	
Climate Partner (DE)	2022	11000	
Davines (IT)	2023	10000	
Climate Partner (DE)	2023	10000	
MyClimate (SL)	2023	10000	
ClimatePartner (DE) (Netflix tender)	2023	50 000	
Trees for All (NL)	2023	7500 EA	

Annex 3. Photographic report

Photo 1: Awareness creation for the community of Adichomo and Seqere.

Photo 2: Meeting with tabia Amanit representatives and woreda administration

Photo 3: Plan Vivo baseline map and development map of May Bahri.

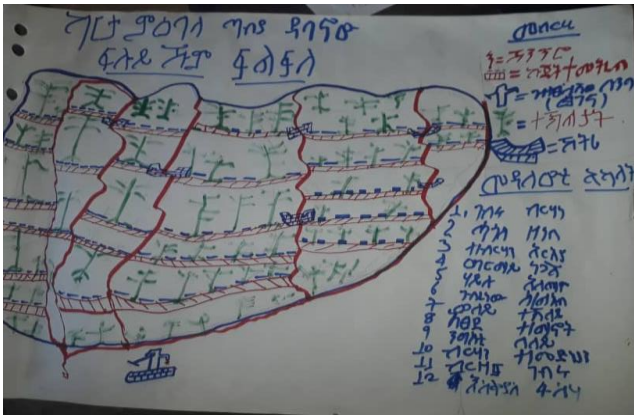

Photo 4: Plan Vivo maps of Filfile site.

Photo 5: Plan vivo maps of Adikurtuman.

Photo 6: Project participant meeting at Abi Adi

Photo 7: Deep trench constructions in Emure

Photo 8: Stone bund constructions in Adienkrti.

Photo 9: Grafted orange and Mango seedlings at Tanqua nursery site.

Photo 10: Water spring development in MayBaati

Photo 11: Water irrigation maintenance at MayGenet