



**Vi Agroforestry**

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**Emiti Nibwo Bulora - Annual Report for May 2017 – April 2018**

**Submitted by:** Vi Agroforestry

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A PES fruit orchard participant from Tuinuane group – Chonyonyo with her Fruit Orchard.  
Photo: by Clement Mtui on November 2017

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## Summary

**Table 1 Project Overview** (the table shows the reporting period, project location and technical specifications in use)

Project overview	
Reporting period	May 2017 – April 2018
Geographical areas	North West of Tanzania
Technical specifications in use	<ol style="list-style-type: none"> <li>1. Woodlot (3mx3m and 4mx4m)</li> <li>2. Dispersed Inter-planting (5mx10m)</li> <li>3. Fruit Orchard (8mx8m and 9mx9m)</li> <li>4. Boundary Planting (3mx3m)</li> </ol>

**Table 2: Project Results** (the table shows the status of the project)

Project indicators	Historical (2010-2017)	Added/ Issued this period (2017/2018)	Total
No. smallholder households with PES agreements	749	0	749
No. community groups with PES agreements (where applicable) by Dec 2014	25	0	25
Approximate number of households (or individuals) in these community groups	13,800	0	13,800
Area under management (ha) where PES agreements are in place	378 ha and 95,900 m	0	378ha and 95,900m
Total PES payments made to participants (USD)	252,136	0	252,136
Total sum held in trust for future PES payments (USD)	79,273	0	79,273
Allocation to Plan Vivo buffer (tCO <sub>2</sub> )	14,248	0	14,248
Saleable emissions reductions achieved (tCO <sub>2</sub> )	56,992	0	56,992
Unsold Stock at time of Submission (PVC)			
Total Unsold Stock (PVC)	7	0	7
<b>Plan Vivo Certificates (PVCs) issued to date</b>			<b>56,992</b>
<b>Plan Vivo Certificates requested for issuance</b>			<b>NIL</b>
<b>Total PVCs issued (including this report)</b>			<b>56,992</b>

## Part A: Project updates

### A1: Key events

This is the eighth report from Emiti Nibwo Bulora since the project started pilot activities in 2008. The main activities that took place during reporting period 2017-2018 were tree farm management (thinning and pruning) and project implementation in a new zone (Karagwe district). By starting to implement the project in a new area, additional participants can be involved.

During this reporting period 65 participants (representing 5,380 tCO<sub>2</sub>) have been recruited. The contract with these new farmers will be signed in June 2018.<sup>1</sup> There is an ongoing process to recruit even more farmers. Because of this, sensitization and awareness raising to involve more farmers has been carried out. Interested farmers have sent their applications and were trained on the details of the technical specifications. These applicants took advantage of the October-December rainy season to plant trees. Farm surveys and registration will be done in Q1 of 2019 for survival assurance.

During this reporting period the second monitoring cycle for 2015/2016 recruits was carried out and 152 participants (out of 154) have been approved for second monitoring.<sup>2</sup> Also, participants who did not meet the initial DBH monitoring target in 2016 were monitored again.

### A2: Successes and challenges

#### Successes

- The Plan Vivo participants kept on maintaining their plots, by doing this it has enabled participants to earn money through the sale of poles and firewood as they thinned / pruned their trees.
- Participants in year two who have integrated crops into their plots have reported an increase in annual crops at household level. According to a rapid socioeconomic survey (2017), practicing agroforestry increased food supply among the producers.
- Karagwe District has recognized the good work done by Vi Agroforestry through the Plan Vivo project and the same methodology is to be used by government staff to emphasize tree planting in the area.

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<sup>1</sup> Detailed information about the farmers will appear in next year's report since they then will be registered in the database.

<sup>2</sup> See section E1 for result.

- Expansion of the project activity to Nyabiyonza zone.
- Fruit growing farmers have started consuming and selling fruits in the project area.
- Tree canopy cover has increased in the area.
- Bee keeping activities for honey production were initiated by 223 farmers.

### Challenges

- **Fire outbreak** - one of the big challenges in the area. As a result of increased attention by law enforcement, the incidence of fire has decreased, and the government has ordered the local leaders to make sure that there is no fire outbreak in their area; otherwise penalties will be applied to those who fail to comply. Vi Agroforestry and the local government are working together trying to address this challenge.
- **Heavy rains** – During the rain season heavy and prolonged rainfall occurred. The rainfall affected 43 farmers settled in the valleys who experienced flooding, waterlogging and windstorms which in turn affected their plots and had significant damage on their crops. Vi Agroforestry has recommended these farmers to adopt more soil and water management practices such as terraces, water harvesting and strip farming.
- **Tree diseases** – Vi Agroforestry advises farmers to plant species that are robust and not easily affected by diseases (for example dieback disease which lead to trees dying). However, there are still some farmers who plant for example *Acrocarpus Flaxinifolius* and *freelance* (trees easily affected) on their farms since these trees grow fast. The farmers who have planted these trees have experienced some trees dying, however the disease has not been spread to other trees and is therefore under control. Vi Agroforestry will keep on informing the farmers of the pros and cons with these trees.

### A3: Project developments

The project verification visit was carried out in November 2017 by EPIC Sustainability. The report was submitted for approval in May 2018 and including confirmation of credits (PVCs) to Plan Vivo Foundation.

### A4: Future Developments

This project has been implemented directly by Vi Agroforestry since its inception in 2009.

In 2017, Vi Agroforestry developed a sustainability plan of the Tree sustain life project. The plan is to identify and empower local farmer-member based organisations to own and implement some of the project activities, such as farm follow-up, monitoring and capacity building activities. Several positive outcomes are envisaged, among them:

- Emphasising Human Rights Based Approach and promotion of local ownership of development initiatives. This is also in line with Vi Agroforestry's overall strategy to hand over all projects and implementation to local member-based farmer organisations.
- The Tree Sustain life project will be merged with and thus form part of Vi Agroforestry's current *ALIVE*<sup>3</sup> program with all accompanying benefits, including continuous trainings and awareness building in agroforestry & SALM, business development, HRBA and gender awareness, etc.
- With the identified group **Smart Farmers**, a local farmers' organisation on board as a new partner, Vi Agroforestry shall build their capacity through mentoring and organisational development interventions. This will ensure that a strong local farmers' organisation that can support Plan Vivo farmers long after the withdrawal of Vi Agroforestry support.
- **Smart Farmers**, is in the process of structuring itself to reach all PV farmers with necessary capacity building and trainings on agroforestry, SALM, etc., which had not been possible relying only on Vi Agroforestry's two dedicated staff assigned to the PV project

## Part B: Project activities

### B1: Project activities generating Plan Vivo Certificates

The Plan Vivo project covers 378 ha and 95,900m (9.59 Ha) of Boundary Planting. This area is managed by 774 participants, split between 749 individual farmers and 25 community groups.<sup>4</sup> Land use activities implemented in this reporting period relate to the four approved by the Technical

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<sup>3</sup> Vi Agroforestry's overall strategic program 2017-2022. (<https://viagroforestry.org/resource-centre/downloads/> - Strategy 2017-2021)

<sup>4</sup> Around 20 % (19,75) of the individual farmers are women



Specifications, namely “Woodlot”, “Dispersed Inter-planting”, “Fruit Orchard” and “Boundary Planting”.

All existing participants manage their plots under one (or several) of the above-mentioned technical specifications. The area under management has remained the same as last year since the new recruited participants will be registered into the database next year.

**Table 3: Project activity summary (the table shows participants distribution against technical specifications and the area covered)**

Name of technical specification	Area (Ha)	No smallholder households	No. Community Groups
Woodlot	316	542	25
Boundary planting	9.59	210	0
Dispersed Inter-planting	56	106	0
Fruit Orchard	6	10	0
<b>Total</b>	<b>387.59</b>	<b>868 <sup>5</sup></b>	<b>25</b>

## **B2: Project activities in addition to those generating Plan Vivo Certificates**

The participants have managed their farms in the best way they can. Those in their second year and using the woodlot system have grown seasonal crops (including beans, Irish potatoes, maize, cassava and yams) together with their trees. The trees have played an important role on the farms and have also benefitted other crops. Since most woodlots are established on degraded/abandoned land, this practice has enabled farmers to make better use of the land and to realise that sustainable land management supports and increases land productivity.

Participants have maintained various enterprises like poultry, goat and bee keeping. Apart from earning money from the sale of products, they also get manure (from chickens and goats) that is used to improve their banana and coffee farms.

Apart from tree planting under specified technical specifications, the project participants also practice Sustainable Agriculture Land Management (SALM) practices. Examples of practices are: zero

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<sup>5</sup> NB: Some participants have registered multiple interventions, hence why this number is greater than the total number of participants



or minimum tillage, construction of soil and water conservation structures, manure application, residual management and mulching. These practices are done in Plan Vivo project plots as well as on banana and coffee farms (these can be intercropped in the Dispersed Interplanting system).



Figure 1 Dispersed Interplanting plot and integration with Irish Potatoes, Kaisho Zone (Photo: Clement Mtui, Project Coordinator Assistant, May 2018)



Figure 2: Banana farm in the Nyaishozi zone, managed with some SALM practices. Photo: Grace Eustace, Project Coordinator, April 2018)

## Part C: Plan Vivo Certificate issuance submission

N/A – There was no submission for certificate issuance in this reporting period.

## Part D: Sales of Plan Vivo Certificates

### D1: Sales of Plan Vivo Certificates

The total number of credits issued by the project since 2009 is 56,992 tCO<sub>2</sub>. Currently, the total sold stock is 56,985 tCO<sub>2</sub>. There is 7 tCO<sub>2</sub> unsold stock. The project sold 0 certificates in this reporting period.<sup>6</sup> The historical sales are shown in annex 1.

## Part E: Monitoring results

### E1: Ecosystem services monitoring

The main objective of Tree sustain life is to fight poverty and climate change and at the same time enhance carbon sequestration. Throughout the project, elements of ecosystem services have improved. This has been observed through monitoring ecosystem services. The main ecosystem services monitored includes supporting-, regulating-, provisioning- and cultural functions.

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<sup>6</sup> Since no additional sales were made during this period there is no table of sales.

Since the project started, nine different indigenous or traditionalised tree species has been planted on 387.59 Ha of land. These trees provide land rehabilitation, carbon sequestration and climate regulation. The number of planted trees is in total 435,633, the trees also purify the air and provide shadow to crops, livestock and farmer families. The farms which applies agroforestry (planting trees and crops together) improves their nutrient cycle, soil formation and agrobiodiversity services.

About 10 number of farmers has planted 6 ha of avocado as permanent fruit orchard which has led to increased food security. By practising SALM-practises, for example, intercropping, the soil fertility and food productivity has increased for at least 106 of farmers. The methods used in Tree sustain life has also improved the water availability, increased the access to fuelwood and decreased erosion in the area. This is demonstrated through 620 farmers. Established plots has also enhanced cultural services, especially for education and recreation.

Specific parameters monitored to indicate carbon sequestration is illustrated in Table 1 (tree establishment (>50 %), survival rates (>90 %) and Diameter at Breast Height (DBH) sizes (at least 8cm, 10cm, and 12 cm).

The participants are divided in different categories. These categories decide when monitoring is done.

**Categories of the participants**

1. *Pilot participants (2010) number 21 – now in year 9*
2. *Participants (2011) number 599 – now in year 8*
3. *Participants (2015) number 154 – now in year 2*

**Total number of participants: 774**

During this reporting period monitoring was carried out for year 2 participants and the year 7 participants who did not qualify for DBH in 2016.<sup>7</sup>

For **Year 2 participants** (total of 154) the monitoring criteria was “the whole plot should be established with a survival rate not less than 90%”. This was monitored through tree counting by Plan Vivo group leaders and verified by Vi Agroforestry staff, by taking a 5 to 30 percent sample size on each monitored farm.<sup>8</sup> Two participants did not qualify as they did not manage to plant the whole

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<sup>7</sup> Did not qualify since they did not reach the DBH target of the sampled trees.

<sup>8</sup> The sample size verifies due to the availability of resources (human and finance) and geographical location.

area. These participants were required to plant their whole Plan Vivo plot until next reporting period. Participants are always advised to choose technical specifications and size of areas that they will be able to manage.

For **Year 7 participants**, the monitoring criteria are DBH measurements. This means the Woodlot and Boundary planting species should not be less than 8 cm, Dispersed Interplanting not less than 10 cm and Fruit orchard trees not less than 12cm. Monitoring was done to the 268 participants who did not qualify in 2016.<sup>9</sup> The monitoring was done by Vi Agroforestry field staff and the data was entered into a database by the Vi Agroforestry Monitoring and Evaluation Officer.

154 of year seven participants achieved the DBH sizes required during this monitoring period. This confirms that trees are growing in the project area in line with expectations. Calculations were carried out to quantify the carbon sequestration benefits and to determine payments to farmers. The payment for the participants who have fulfilled the requirements will be made in July 2018 and therefore reported in the subsequent Annual Report.

In 2018, about 268 producers tree growth was monitored by taking DBH measurements. Out of the 268 monitored 114 producers had trees with less DBH than the monitoring target for the different Technical specifications.<sup>10</sup> This disqualified them from being compensated the agreed carbon credits that year. The rest of the farmers (154) had trees with an average DBH above 5 cm which means the qualified for compensation.<sup>11</sup>

The main reasons for not meeting the monitoring targets were:

- Having less than 50% of targeted trees on the farm by the time of monitoring.
- Poor management of the plot.<sup>12</sup>
- Soil condition and weather to some extent contributed to slow growth even if the plot was well managed.
- The tree species *Markhamia lutea* has grown slowly under the TS Woodlot.<sup>13</sup>

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<sup>9</sup> These farmers did not qualify since they did not reach the DBH target of the sampled trees.

<sup>10</sup> Specific findings of DBH under different TSs show that the DHB for Woodlot and Boundary Planting was less than 8cm; for Dispersed Interplanting less than 10cm and for Fruit Orchard less than 12cm. Therefore, the DBH of participants' trees were less than expected measures as shown on annex 2.

<sup>11</sup> These 114 are the ones who did not qualify for DBH at year 5 in 2015/2016 (out of 620 participants). (352 participants qualified in 2015/ 2016 and 154 qualified 2018).

<sup>12</sup> For example not weeding, not thinning/ pruning, not protecting trees against fire.

<sup>13</sup> Vi Agroforestry has advised farmers joining the project after 2015 not to plant this tree under Woodlot.

Based on the above challenges, Vi Agroforestry will continue to facilitate mitigating activities such as:

- Weeding to avoid competition between trees and weeds
- Replanting trees
- Thinning to allow good growth
- Prevent and avoid burning and grazing
- Avoid cutting trees for fire wood
- Avoid over-pruning
- The correct use of soil and water conservation structures, for example the use of contours that can prevent soil erosion as well as improve soil moisture and fertility.

The ecosystem services monitored includes, among other things, carbon sequestration and biological diversity of indigenous tree species. Two biodiversity aspects are measured:

- number/types of indigenous tree species planted *and*
- sources of seeds and seedlings that are planted.

By measuring this, Vi Agroforestry make sure only native (indigenous tree like *Maesopsis eminii*, *Markhamia lutea*) and naturalized trees (like *Cedrela odorata*, *Acrocarpus fraxinifolius* and *Grevillea robusta*) from good genetic material are planted.

By observation, photography and farm visits as well as group discussions it has shown that the area's population of insect such as bees, earthworms as well as birds has increased, There are also examples on farmer starting bee keeping enterprises.<sup>14</sup> By planting different species and using seeds of good quality the species and genetic resource base has increased which will lead to improved and more robust trees.

Detailed monitoring results for year two and DBH qualified participants can be found in annexes 3 and 4.

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<sup>14</sup> 223 farmers.





Figure 3: Modern beehives by MAVUNO group in Nyaishozi zone. Photo: Clement Mtui, Project Coordinator Assistant 2017.

## **E2: Maintaining commitments**

Working with farmers to ensure they are supported during their commitment periods is an important aspect of the project. For example, in order to maintain commitment with participants in year one to year four, the farmers are encouraged to mix annual crops with young trees. This reduces the risk of tree mortality from competition with weeds, but also improves their resistant to fire.

To maintain commitment with participants in year five and onward, the participants are trained in tree management, for example thinning and pruning. But also, the participants are trained on how to clear their farms by removing weeds and making fire breaks along their farms, practices which assure long term tree survival.

## **E3: Socio-economic monitoring**

In 2017, a simple socio-economic qualitative survey was conducted. The study was carried out to understand what social and economic impacts the project has had on the participating farmers.

Some of the parameters assessed included:

- Utilization and ownership over resources
- Knowledge on climate change
- Understanding of any additional positive and negative impacts of the project

The results show that farmers in the project own on average 1 ha of land. Ownership and control of land use was dominated by men, but women access and work the land. Most land was used for banana and coffee crops, intercropped mainly with beans. These were supplemented with maize, cassava, groundnuts, Irish potatoes, sweet potatoes, millet, sorghum, yams and alternative food crops. Through intercropping, there was an increased diversification of crops and farmers with both fruit trees and vegetables had access to a more balanced diet.

The results also showed that the participants have increased knowledge about sustainable agriculture land management and agroforestry and how it is connected to increased food productivity and resilience to climate change. The dominant positive impacts of the project include increased diversification of food, increased incomes, supply of firewood, fodder, fruits, poles and tree cover.

One aspect requiring further attention is where crops and trees compete for nutrients and light, in cases when plots have not been properly managed. Vi Agroforestry will keep on facilitating participants on thinning and root/ branch pruning to avoid crops and trees competition against light and nutrients. For on-going participants under Dispersed Inter-planting with **Acrocarpus**, root pruning must be observed as these trees have strong root scattered on top of the soil which is different from **Maesopsis** with deep root system. For new recruits, trees with strong shallow roots will be avoided under Dispersed Interplanting and Boundary Planting. (See Socio-economic survey report, annex 7). A comprehensive socioeconomic survey is planned for the 2018-2019 reporting period.

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

In the project, a total of 435,633 indigenous trees have been planted. This has led to increased biodiversity and water availability, soil conservation and better air quality. Increased biodiversity has been reached by, among other things, planting native tree species, controlling fire outbreaks and promoting sustainable agriculture land management (SALM) for soil organic matter. By planting more trees and applying SALM-methodology in the area, the following has been observed:

- Habitat has been created for birds, insects and other small animals.
- Trees reduce the speed of wind, control dust and keep the air pleasant.
- Trees play a great role in soil conservation by preventing soil erosion and add soil manure from decayed leaves.
- Planting legumes has led to increased soil fertility since legumes can fix atmospheric



nitrogen and add it to the soil. This leads to an improvement in productivity.

- Tree shade protect animals as well as plants, particularly banana and coffee for Dispersed – Interplanting system.

The participants have also constructed water harvesting structures such as trenches, ponds, pans and water tanks on their farms. This water is used for domestic chores such as watering livestock, irrigation and cooking. The use of water, to water trees and crops has contributed to increased biodiversity and water conservation in the project area. It has also reduced significantly the time, stress and distance travelled by women in particular to fetch water.

## Part F: Impacts

### F1: Evidence of outcomes

Community sensitization on climate change has created awareness among the Tree sustain life participants and they have realised their roles in contribution to climate change adaptation and mitigation.

Through the project, agroforestry trees have been promoted. The dropping leaves cover the soil surface and maintains soil moisture and reduces water runoff. 620 participating farmers with Woodlot, Dispersed Inter Planting and Boundary Planting have started to harvest firewood from dead branches or through pruning and thinning. The participants also get fodder for their livestock and poles for construction. 13 farmers with *Acrocapus Flaxinifolius* (Woodlot) have started to harvest seeds from their trees. 10 participants with Fruit Orchards harvested 700 kg of fruits which were sold on local markets and others were consumed.

Participating farmers who have established farmer enterprises have earned income through sale of products such as firewood, poles, eggs, vegetables, banana, poultry and goats. 21 participants with local poultry are selling 40 egg trays and 80 chicken per month. They can earn an average of 1,160,000 Tsh per month. 35 participants with vegetables can earn up to 1,200,000 Tsh through sale of varieties of vegetable like sweet peppers, tomatoes, spinach and carrots. Also, part of the product from these enterprises is consumed at home hence lead to improved nutrition status at household level.

## Part G: Payments for Ecosystem Services

### G1: Summary of PES by year

No payments were made during reporting period from May 2017 to April 2018. This was due to the fact that tree planting was not completed during September – December 2016 due to drought conditions. Monitoring for second year participants, supposed to be done in January/ February 2017, was therefore not possible. As a consequence, these payments will be made in the next reporting period.<sup>15</sup>

**Table 4: Total PES disbursed to date (the table shows the payments done since the begin of the project)**

S/No	Year	Amount (Tsh)	Amount (USD)
1	2011	1,848,600	1,294
2	2012	172,218,400	108,498
3	2013	107,967,000	64,605
4	2014	70,535,000	42,259
5	2015	13,502,000	6,659
6	2016	57,243,800	25,662
7	2016	7,125,300	3,159
<b>Total</b>		<b>430,440,100</b>	<b>252,136</b>

**Table 5: Summary of the payments made and held in trust ( the table shows total payment from the project start, the withheld payments for not qualified participants and payment held in trust for future payment).**

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
May/ 2017 – April/ 2018	430,440,100 Tsh = 252,136 USD	0	430,440,100 Tsh = 252,136 USD	179,116,900 Tsh = 79,273 USD	18,737,000 Tsh = 8,308 USD

<sup>15</sup> Please see Annex 6 for more information.

<b>TOTAL</b>	<b>430,440,100</b>	<b>0</b>	<b>430,440,100</b>	<b>179,116,900</b>	<b>18,737,000</b>

Note: This is the same amount as last year because no payments have been made this reporting period. The exchange rate from April 2017 has been used.

The money withheld indicates the money kept for unqualified participants.<sup>16</sup> Money held in trust means payments due to participants according to the PES contract, which, after year one, will normally be in the 2<sup>nd</sup>, 3<sup>rd</sup>, 5<sup>th</sup> and 10<sup>th</sup> year.

## **Part H: Ongoing participation**

### **H1: Recruitment**

During reporting period, sixty-five (65) new participants have been recruited as a new instance to join the project. Among these, eleven are female. These participants have planted 18,563 trees under 39ha and 14,861 meters. Expected tCO<sub>2</sub> from these trees is 5,380.<sup>17</sup> Further recruitment will be done up until May 2019.

### **H2: Project Potential**

Vi Agroforestry will support the Plan Vivo participants up to 2032<sup>18</sup>. The project has a lot of potential and in order to ensure a long-term sustainability, field-related project implementation will be done under partnership (ref to A4). The plan is that the local organization, SMART-farmers, will implement the project and expand agroforestry among the farmers.

### **H3: Community participation**

To ensure community participation each Plan Vivo group has scheduled meetings each month. The meetings have fixed agendas and discuss, above all, Plan Vivo farm management and the progress and impacts of micro-enterprises that are undertaken as a group or as individual farmers. Some common elements of the agenda that appeared in different groups are summarized under annex 5.

Another action to ensure community participation is the training of group leaders on the timber value chain and commercialization.

<sup>16</sup> Money will be paid out later, when the participants have qualified.

<sup>17</sup> More information about the recruitment will be stated in the 2018/2019 report.

<sup>18</sup> Depending on when the participants signed the contract.

## Part I: Project operating costs

### I1: Allocation of costs

In this reporting period the project used 41,050 USD to pay salary and social benefits to 2 members of staff, office, travelling and training to participants.

**Table 6: Allocation of costs (the table shows the project administration cost for the reporting period).**

Expense	Narrative	Amount (in USD\$)
Personnel	Salary & social benefits	23,116
Office/Admin	Office running cost	3,021
Equipment		
Travel	To field and country office	6,511
Fees		2,748
Audit		
Additional expenditure	Seeds, consumables	2,037
Training	Participants	3,617
Market		
<b>TOTAL</b>		<b>41,050</b>

## Annexes

### Annex 1 Historical Sale Information

Vintage	Name of purchaser/source of funds	No. PVCs purchased	Price per PVC (\$) *	Total amount received (\$)*	Price to participants per PVC (\$)*	% Sale price to participants
2010	Folksam	4,795				
2010	Naturrutan AB	127				
2011	Folksam	3,853				
2011	Alverbacks Blommor AB	375				
2011	Akademibokhandelsgruppen AB	28				
2011	Sweco Position AB	33				
2011	Naturrutan AB	371				
2012	LRF Samkop AB	16				
2012	Spridda Skurar AB	20				
2012	Lions Club International District 105N	357				
2012	Lansforsakringar Kalmar lan	137				
2012	Naturrutan AB	134				
2012	Folksam	3,969				
2012	Bokus AB	21				
2012	Naturrutan AB	145				
2012	Naturrutan AB	177				
2012	Bokus AB	10				
2012	Alverbacks Blommor	357				
2012	Svenka Motorcykel- och Snoskoterforb...	67				
2012	Peter Besterman AB	318				
2012	Naturrutan AB	803				
2013	Bokus AB	78				
2013	Bokus AB	300				
2013	Lansforsakringar Kalmar lan	131				
2013	Kung Markatta AB	603				
2013	LRF Samkop AB	16.7				
2013	Equator Stockholm AB	34				
2013	LRF Samkop	13				
2013	Peter Besterman AB	248				
2013	Fonus, ekonomisk forening	245				
2013	CCAFS, CGIAR	128				
2013	Folksam	19				
2013	Folksam	2,122				
2013	Hotel Oden	207				
2013	Fonus, ekonomisk forening	223				

2013	Folksam	2472
2013	Billogram	3
2013	Naturrutan AB	667
2013	R Vibergs Blommor HB	60
2013	Fonus, ekonomisk forening	231
2013	AB KE Petterssons Handelstradgard	300
2013	BioGaia AB	910
2013	Alverbacks Blommor	374
2013	Tubman AB	10
2013	Naturrutan AB	145
2013	Fonus, ekonomisk forening	231
2014	Lantz Trafikskola AB	58
2014	Svenska Motorcykel och snoskoterforb...	68
2014	Equator Stockholm AB	40
2014	Bokus AB	300
2014	Naturrutan AB	167
2014	Tubman AB	5
2014	CCAFS, CGIAR	145
2014	Länsförsäkringar Kalmar län	110
2014	Kung Markatta AB	614
2014	Billogram AB	3
2014	LRF Samköp AB	5
2014	Fonus Ekonomisk Förening	252
2014	Car to Go Sweden AB (tiDlgare Naturr...	167
2014	Bio Gaia AB	1163
2014	Hotel Oden	49
2014	Sydsånes Avfallsaktiebolag (SYSAV)	24
2014	Ny Reklambyrå i Sverige AB	0
2014	Car to Go Sweden AB (tiDlgare Naturr...	167
2014	LO-TCO biståndsnämnd	117
2014	Fält Communications AB	117
2014	Västanhem Mäkleri & Interiör AB	10
2014	LRF Samköp AB	5
2014	CarbZone AB	95
2014	Car to Go Sweden AB (tiDlgare Naturr...	167
2014	Fonus Ekonomisk Förening	229
2014	Alverbäcks Blommar AB	366
2014	Folksam	2792
2014	Fonus Ekonomisk Förening	228
2014	R. Vibergs Blommor HB	62
2014	ZeroMission AB	2001
2014	Fonus Ekonomisk Förening	228
2014	Folksam	1862

2015	AB KE Petterssons Handelsträdgård	241
2015	Societa' per la cremazione ente morale	1000
2015	Car to Go Sweden AB (Naturrutan)	334
2015	Bokus AB	300
2015	Equator Stockholm AB	43
2015	Folksam ömsesidlg livförsäkring	1,421
2015	CCAFS, CGIAR Research Program....	204
2015	Riksbyggen Ekonomisk förening	426
2015	Kung Markatta AB	1,060
2015	Svenska Motorcykel- och Snöskoterför...	71
2015	Lantz Trafikskola AB	53
2015	LO-TCO biståndsnämnd	117
2015	Olof Palmes Internationella Center	710
2015	BioGaia AB	1246
2015	SWCG Swedish Consulting Group AB	6
2015	Ny Reklambyrå i Sverige AB	40
2015	Länsförsäkringar Kalmar Län	127
2015	Västanhem Mäkleri & Interiör AB	10
2015	Sjöstrand Trading AB	2
2015	Konsumentföreningen Stockholm	33
2015	Fält Communications AB	154
2015	EcoOnline	9
2015	Folksam ömsesidlg livförsäkring	2,844
2015	Sydskaänes Avfallsaktiebolag (SYSAV)	25
2015	Skövdevillan AB	114
2015	Tubman AB	11
2015	Olof Palmes Internationella Center	667
2015	Fonus Ekonomisk Förening	975
2015	Onischa AB	20
2015	LRF Samköp AB	5
2015	Billogram AB	3
2015	Getinge Disinfection AB	20
2015	KPA Pension AB	338
2016	CarbZone AB	84
2016	Alverbäcks Blommor AB	382
2016	R Vibergs Blommor HB	62
2016	Optimized Portfolio Management Stockholm AB	60
2016	PRfekt kontor AB	20
2016	Car to Go Sweden AB (Naturrutan)	334
2016	Bergmark Sustainability AB	20
2016	Ragn-sells Miljökonsult AB	38
2016	Union to Union	202
2016	Equator Stockholm AB	201
2016	Riksbyggen Ek för	442



2016	Jak Medlemsbank	20	
2016	Kung Markatta AB	2099	
2016	Länsförsäkringar AB	2083	
2016	W3 Association	20	
2016	Toivio & Trum AB	20	
2016	KPA Pension AB	228	
2016	NY Collective JKPG AB	20	
2016	GS Facket för skogs-trä- och gr	123	
2016	Renew Garden AB	20	
2016	Lantz Trafikskola AB	53	
2016	Västanhem Mäkleri & Interiör AB	20	
2016	Tubman	20	
2016	Fonus	239	
2016	Konsumentföreningen Stockholm	46	
<b>Total Historical Sales</b>		<b>56,985</b>	<b>PVCs</b>

\* For internal reporting only

## Annex 2 DHB disqualified participants

S/No	Year of monitoring (i.e. participants at year 1, 2, 3)	Name of producer/producer ID/group ID*	Total tCO <sub>2</sub> services to be generated by plan vivo	Location e.g. A village name/project area/farmers' cooperative	Area (ha)	Technical specification	Monitoring target	Monitoring result
1	7		52	Nyaishozi	0,37	Woodlot	DBH = or > 8cm	5cm
2	7		31	Nyaishozi	0,222	Woodlot	DBH = or > 8cm	4cm
3	7		45	Nyaishozi	0,73	DI	DBH = or > 10cm	9cm
4	7		52	Nyaishozi	0,31	Woodlot	DBH = or > 8cm	6cm
5	7		94	Nyaishozi	0,67	Woodlot	DBH = or > 8cm	5cm
6	7		42	Nyaishozi	0,301	Woodlot	DBH = or > 8cm	5cm
7	7		25	Nyaishozi	446	BP	DBH = or > 8cm	3cm
8	7		21	Nyaishozi	373	BP	DBH = or > 8cm	3cm
9	7		32	Nyaishozi	0,232	Woodlot	DBH = or > 8cm	4cm
10	7		18	Nyaishozi	0,126	Woodlot	DBH = or > 8cm	3cm
11	7		38	Nyaishozi	0,27	Woodlot	DBH = or > 8cm	4cm
12	7		125	Nyaishozi	0,89	Woodlot	DBH = or > 8cm	5cm
13	7		62	Nyaishozi	0,44	Woodlot	DBH = or > 8cm	3cm
14	7		86	Nyaishozi	0,614	Woodlot	DBH = or > 8cm	5cm
15	7		146	Nyaishozi	1,04	Woodlot	DBH = or > 8cm	6cm
16	7		24	Nyaishozi	422	BP	DBH = or > 8cm	5cm
17	7		38	Nyaishozi	0,27	Woodlot	DBH = or > 8cm	5cm
18	7		20	Nyaishozi	351	BP	DBH = or > 8cm	6cm
19	7		46	Nyaishozi	0,76	DI	DBH = or > 10cm	7cm
20	7		18	Nyaishozi	315	BP	DBH = or > 8cm	4cm
21	7		29	Nyaishozi	0,48	DI	DBH = or > 10cm	6cm
22	7		121	Nyaishozi	0,863	Woodlot	DBH = or > 8cm	6cm
23	7		15	Nyaishozi	0,11019	Woodlot	DBH = or > 8cm	5cm
24	7		13	Nyaishozi	0,09148	DI	DBH = or > 10cm	9cm
25	7		56	Nyaishozi	0,4	Woodlot	DBH = or > 8cm	3cm
26	7		62	Nyaishozi	0,444	Woodlot	DBH = or > 8cm	6cm
27	7		65	Nyaishozi	0,467	Woodlot	DBH = or > 8cm	5cm
28	7		58	Nyaishozi	0,873	DI	DBH = or > 10cm	7cm
29	7		89	Nyaishozi	0,636	Woodlot	DBH = or > 8cm	6cm
30	7		21	Nyaishozi	0,14772	Woodlot	DBH = or > 8cm	3cm
31	7		33	Nyaishozi	585	BP	DBH = or > 8cm	6cm
32	7		161	Nyaishozi	1,15268	Woodlot	DBH = or > 8cm	4cm
33	7		249	Nyaishozi	1.16803/	WD & BP	DBH = or > 8cm	5cm

					1520			
34	7		32	Nyaishozi	0,227	Woodlot	DBH = or > 8cm	4cm
35	7		117	Nyaishozi	0.60681/ 567	Woodlot	DBH = or > 8cm	5cm
36	7		234	Nyaishozi	1,67192	Woodlot	DBH = or > 8cm	3cm
37	7		49	Nyaishozi	0,797	DI	DBH = or > 10cm	8cm
38	7		136	Nyaishozi	0,968	Woodlot	DBH = or > 8cm	3cm
39	7		65	Nyaishozi	0,466	Woodlot	DBH = or > 8cm	3cm
40	7		50	Nyaishozi	0,36	Woodlot	DBH = or > 8cm	3cm
41	7		215	Nyaishozi	1,53663	Woodlot	DBH = or > 8cm	2cm
42	7		79	Nyaishozi	0,564	Woodlot	DBH = or > 8cm	3cm
43	7		48	Nyaishozi	0,344	Woodlot	DBH = or > 8cm	3cm
44	7		49	Nyaishozi	0,35271	Woodlot	DBH = or > 8cm	2cm
45	7		84	Nyaishozi	0,5991	Woodlot	DBH = or > 8cm	7cm
46	7		86	Nyaishozi	0,616	Woodlot	DBH = or > 8cm	5cm
47	7		101	Nyaishozi	0,723	Woodlot	DBH = or > 8cm	5cm
48	7		96	Nyaishozi	0,686	DI	DBH = or > 10cm	6cm
49	7		44	Nyaishozi	0,315	Woodlot	DBH = or > 8cm	2cm
50	7		73	Nyaishozi	0,52	Woodlot	DBH = or > 8cm	4cm
51	7		59	Nyaishozi	0,42	Woodlot	DBH = or > 8cm	3cm
52	7		45	Nyaishozi	0,32	Woodlot	DBH = or > 8cm	4cm
53	7		25	Bugene	0,181	Woodlot	DBH = or > 8cm	5cm
54	7		16	Bugene	0,1177	Woodlot	DBH = or > 8cm	6cm
55	7		28	Bugene	504	BP	DBH = or > 8cm	5cm
56	7		32	Bugene	575	BP	DBH = or > 8cm	6cm
57	7		11	Bugene	193	BP	DBH = or > 8cm	4cm
58	7		56	Bugene	0,4001	Woodlot	DBH = or > 8cm	6cm
59	7		59	Bugene	0,4204	Woodlot	DBH = or > 8cm	5cm
60	7		28	Bugene	0,2024	Woodlot	DBH = or > 8cm	5cm
61	7		40	Bugene	0,2875	Woodlot	DBH = or > 8cm	4cm
62	7		46	Bugene	0,3251	Woodlot	DBH = or > 8cm	6cm
63	7		30	Bugene	541	BP	DBH = or > 8cm	6cm
64	7		12	Bugene	208	BP	DBH = or > 8cm	5cm
65	7		20	Bugene	0,14533	Woodlot	DBH = or > 8cm	4cm
66	7		17	Bugene	0,12477	Woodlot	DBH = or > 8cm	5cm
67	7		27	Bugene	474	BP	DBH = or > 8cm	5cm
68	7		92	Bugene	0,654	Woodlot	DBH = or > 8cm	4cm
69	7		22	Bugene	0,1584	Woodlot	DBH = or > 8cm	3cm
70	7		11	Bugene	190	BP	DBH = or > 8cm	6cm
71	7		61	Bugene	0,4355	Woodlot	DBH = or > 8cm	5cm
72	7		14	Bugene	0,2299	DI	DBH = or > 10cm	7cm
73	7		25	Bugene	0,1787	Woodlot	DBH = or > 8cm	5cm
74	7		35	Bugene	0,24822	Woodlot	DBH = or > 8cm	6cm

75	7		49	Bugene	0,3488	Woodlot	DBH = or > 8cm	3cm
76	7		67	Bugene	0,48	Woodlot	DBH = or > 8cm	4cm
77	7		39	Bugene	0,2787	Woodlot	DBH = or > 8cm	3cm
78	7		10	Bugene	0,16685	DI	DBH = or > 10cm	8cm
79	7		50	Bugene	0,3606	Woodlot	DBH = or > 8cm	4cm
80	7		42	Bugene	0,2985	Woodlot	DBH = or > 8cm	5cm
81	7		29	Bugene	523	BP	DBH = or > 8cm	6cm
82	7		31	Bugene	0,2219	Woodlot	DBH = or > 8cm	3cm
83	7		49	Bugene	0,3505	Woodlot	DBH = or > 8cm	3cm
84	7		32	Bugene	566	BP	DBH = or > 8cm	5cm
85	7		77	Bugene	0,38146	Woodlot	DBH = or > 8cm	3cm
86	7		47	Bugene	0,3363	Woodlot	DBH = or > 8cm	4cm
87	7		54	Bugene	0,3833	Woodlot	DBH = or > 8cm	3cm
88	7		58	Bugene	0,40024	Woodlot	DBH = or > 8cm	5cm
89	7		37	Bugene	0,2618	Woodlot	DBH = or > 8cm	2cm
90	7		35	Bugene	631	BP	DBH = or > 8cm	4cm
91	7		56	Bugene	0,3981	Woodlot	DBH = or > 8cm	3cm
92	7		13	Bugene	235	BP	DBH = or > 8cm	5cm
93	7		131	Bugene	0,9361	Woodlot	DBH = or > 8cm	6cm
94	7		56	Kaisho	0,39751	Woodlot	DBH = or > 8cm	6cm
95	7		22	Kaisho	0,36577	DI	DBH = or > 10cm	8cm
96	7		85	Kaisho	0,60676	Woodlot	DBH = or > 8cm	4cm
97	7		41	Kaisho	0,29008	Woodlot	DBH = or > 8cm	6cm
98	7		56	Kaisho	0,40239	Woodlot	DBH = or > 8cm	3cm
99	7		111	Kaisho	0,79397	Woodlot	DBH = or > 8cm	7cm
100	7		41	Kaisho	0,2401	Woodlot	DBH = or > 8cm	5cm
101	7		202	Kaisho	1,44583	Woodlot	DBH = or > 8cm	4cm
102	7		75	Kaisho	0,53666	Woodlot	DBH = or > 8cm	5cm
103	7		11	Kaisho	200	BP	DBH = or > 8cm	6cm
104	7		28	Kaisho	0,20019	Woodlot	DBH = or > 8cm	6cm
105	7		7	Kaisho	131	BP	DBH = or > 8cm	6cm
106	7		76	Kaisho	0.3225/ 543	WD & BP	DBH = or > 8cm	5cm
107	7		39	Kaisho	0,63855	DI	DBH = or > 10cm	8cm
108	7		38	Kaisho	0,27005	Woodlot	DBH = or > 8cm	3cm
109	7		45	Kaisho	0,4029	DI	DBH = or > 10cm	5cm
110	7		32	Kaisho	0,22776	Woodlot	DBH = or > 8cm	6cm
111	7		158	Kaisho	1,1294	Woodlot	DBH = or > 8cm	6cm
112	7		255	Kaisho	1.6094/ 527	WD & BP	DBH = or > 8cm	6cm
113	7		406	Kaisho	2,8997	Woodlot	DBH = or > 8cm	5cm
114	7		40	Kaisho	0.3956/	DI & BP	DBH = or > 8cm	4cm

					280			
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\*Information removed from public version for privacy reasons

### Annex 3 Monitoring Results

S/ N o	Year of monitori ng (i.e. participa nts at year 1, 2, 3)	Name of producer/ producer ID/group ID*	Total tCO <sub>2</sub> servi ces to be generate d by plan vivo	Location e.g. A village name/proj ect area/farm ers' cooperativ e	Area (ha)	Technic al specific ation	Monitoring target	Monitoring result
1	2		48	Kaisho	0.779 36	DI	100% be established	Whole plot established
	2		27	Kaisho	483m	BP	100% be established	Whole plot established
2	2		35	Kaisho	626m	BP	100% be established	Whole plot established
3	2		48	Kaisho	0.339 68	Woodl ot	100% be established	Less than 50%
4	2		27	Kaisho	0.196 14	Woodl ot	100% be established	Whole plot established
5	2		25	Kaisho	0.178 29	Woodl ot	100% be established	Whole plot established
	2		26	Kaisho	473m	BP	100% be established	Whole plot established
6	2		30	Kaisho	531m	BP	100% be established	Whole plot established
7	2		20	Kaisho	365m	BP	100% be established	Whole plot established
8	2		96	Kaisho	0.683 63	Woodl ot	100% be established	Whole plot established
9	2		39	Kaisho	703m	BP	100% be established	Whole plot established

10	2	37	Kaisho	663m	BP	100% be established	Whole plot established
11	2	4	Kaisho	0.21123	FO	100% be established	Whole plot established
12	2	16	Kaisho	281m	BP	100% be established	Whole plot established
13	2	3	Kaisho	0.1956	FO	100% be established	Whole plot established
14	2	108	Kaisho	0.77096	Woodlot	100% be established	Whole plot established
	2	108	Kaisho	1210m	BP	100% be established	Whole plot established
15	2	32	Kaisho	0.52995	DI	100% be established	Whole plot established
16	2	73	Nyaishozi	0.52439	Woodlot	100% be established	Whole plot established
17	2	106	Nyaishozi	0.75446	Woodlot	100% be established	Whole plot established
18	2	245	Nyaishozi	1.7534	Woodlot	100% be established	Whole plot established
19	2	79	Nyaishozi	0.56679	Woodlot	100% be established	Whole plot established
20	2	61	Nyaishozi	0.43919	Woodlot	100% be established	Whole plot established
21	2	34	Nyaishozi	0.2426	Woodlot	100% be established	Whole plot established
22	2	188	Nyaishozi	1.34332	Woodlot	100% be established	Whole plot established
23	2	32	Nyaishozi	0.22844	Woodlot	100% be established	Whole plot established
24	2	111	Nyaishozi	0.79417	Woodlot	100% be established	Whole plot established
25	2	92	Nyaishozi	0.65678	Woodlot	100% be established	Whole plot established
26	2	14	Nyaishozi	243m	BP	100% be established	Whole plot established
27	2	19	Nyaishozi	0.1357	Woodlot	100% be established	Whole plot established
28	2	20	Nyaishozi	0.14448	Woodlot	100% be established	Whole plot established
	2	5	Nyaishozi	0.08636	DI	100% be established	Whole plot established
29	2	322	Nyaishozi	2.22844	Woodlot	100% be established	Whole plot established
30	2	85	Nyaishozi	0.31973	Woodlot	100% be established	Whole plot established
31	2	79	Nyaishozi	0.56247	Woodlot	100% be established	Whole plot established

3 2	2	56	Nyaishozi	0.402 87	Woodl ot	100% be established	Whole plot established
3 3	2	20	Nyaishozi	362m	BP	100% be established	Whole plot established
	2	197	Nyaishozi	1.407 95	Woodl ot	100% be established	Whole plot established
3 4	2	81	Nyaishozi	0.576 2	Woodl ot	100% be established	Whole plot established
3 5	2	54	Nyaishozi	0.387 39	Woodl ot	100% be established	Whole plot established
3 6	2	6	Nyaishozi	0.367 17	FO	100% be established	Whole plot established
3 7	2	186	Nyaishozi	1.330 7	Woodl ot	100% be established	Whole plot established
3 8	2	20	Nyaishozi	0.139 29	Woodl ot	100% be established	Whole plot established
3 9	2	19	Nyaishozi	0.137 02	Woodl ot	100% be established	Whole plot established
4 0	2	133	Nyaishozi	0.947 92	Woodl ot	100% be established	Whole plot established
4 1	2	15	Nyaishozi	0.250 25	DI	100% be established	Whole plot established
4 2	2	25	Nyaishozi	0.178 66	Woodl ot	100% be established	Whole plot established
4 3	2	108	Nyaishozi	0.771 07	Woodl ot	100% be established	Whole plot established
4 4	2	251	Nyaishozi	1.794 59	Woodl ot	100% be established	Whole plot established
4 5	2	15	Nyaishozi	0.108	Woodl ot	100% be established	Whole plot established
4 6	2	30	Nyaishozi	531m	BP	100% be established	Whole plot established
4 7	2	14	Nyaishozi	0.1	Woodl ot	100% be established	Whole plot established
4 8	2	102	Nyaishozi	0.731 18	Woodl ot	100% be established	Whole plot established
4 9	2	91	Nyaishozi	0.652 61	Woodl ot	100% be established	Whole plot established
5 0	2	118	Nyaishozi	0.844 44	Woodl ot	100% be established	Whole plot established
5 1	2	79	Nyaishozi	0.562 11	Woodl ot	100% be established	Whole plot established
5 2	2	127	Nyaishozi	0.909 2	Woodl ot	100% be established	Whole plot established
5 3	2	106	Nyaishozi	0.754 41	Woodl ot	100% be established	Whole plot established
5 4	2	24	Nyaishozi	0.174 24	Woodl ot	100% be established	Whole plot established



55	2	53	Nyaishozi	0.37895	Woodlot	100% be established	Whole plot established
56	2	116	Nyaishozi	0.82705	Woodlot	100% be established	Whole plot established
57	2	20	Nyaishozi	0.14236	Woodlot	100% be established	Whole plot established
58	2	46	Nyaishozi	0.32683	Woodlot	100% be established	Whole plot established
	2	19	Nyaishozi	339m	BP	100% be established	Whole plot established
59	2	27	Bugene	0.45218	DI	100% be established	Whole plot established
	2	19	Bugene	335m	BP	100% be established	Whole plot established
60	2	31	Bugene	547m	BP	100% be established	Whole plot established
61	2	472	Bugene	3.37277	Woodlot	100% be established	Whole plot established
62	2	117	Bugene	0.83348	Woodlot	100% be established	Whole plot established
63	2	64	Bugene	0.45688	Woodlot	100% be established	Whole plot established
64	2	72	Bugene	0.51583	Woodlot	100% be established	Whole plot established
65	2	701	Bugene	5.00431	Woodlot	100% be established	Whole plot established
66	2	83	Bugene	0.59344	Woodlot	100% be established	Whole plot established
67	2	70	Bugene	0.50185	Woodlot	100% be established	Whole plot established
68	2	92	Bugene	0.6557	Woodlot	100% be established	Whole plot established
69	2	42	Bugene	0.29879	Woodlot	100% be established	Whole plot established
70	2	25	Bugene	453m	BP	100% be established	Whole plot established
71	2	135	Bugene	0.9658	Woodlot	100% be established	Whole plot established
72	2	65	Bugene	0.46177	Woodlot	100% be established	Whole plot established
73	2	9	Bugene	159m	BP	100% be established	Whole plot established
74	2	10	Bugene	0.15621	DI	100% be established	Whole plot established
75	2	50	Bugene	898m	BP	100% be established	Whole plot established
76	2	53	Bugene	0.37834	Woodlot	100% be established	Whole plot established

7 7	2	149	Bugene	1.063 57	Woodl ot	100% be established	Whole plot established
7 8	2	10	Bugene	0.071 8	Woodl ot	100% be established	Whole plot established
7 9	2	17	Bugene	304m	BP	100% be established	Whole plot established
8 0	2	6	Bugene	112m	BP	100% be established	Whole plot established
8 1	2	22	Bugene	400m	BP	100% be established	Whole plot established
8 2	2	12	Bugene	217m	BP	100% be established	Whole plot established
8 3	2	12	Bugene	218m	BP	100% be established	Whole plot established
8 4	2	22	Bugene	401	BP	100% be established	Whole plot established
8 5	2	20	Bugene	0.144 75	Woodl ot	100% be established	Whole plot established
8 6	2	9	Bugene	167m	BP	100% be established	Whole plot established
8 7	2	23	Bugene	405m	BP	100% be established	Whole plot established
8 8	2	9	Bugene	0.154 97	DI	100% be established	Whole plot established
8 9	2	34	Bugene	615m	BP	100% be established	Whole plot established
9 0	2	51	Bugene	0.365 4	Woodl ot	100% be established	Whole plot established
9 1	2	27	Bugene	488	BP	100% be established	Whole plot established
9 2	2	36	Bugene	651	BP	100% be established	Whole plot established
9 3	2	16	Bugene	289	BP	100% be established	Whole plot established
9 4	2	12	Bugene	218m	BP	100% be established	Whole plot established
	2	59	Bugene	0.964 9	DI	100% be established	Whole plot established
9 5	2	302	Bugene	2.157 9	Woodl ot	100% be established	Whole plot established
9 6	2	59	Bugene	0.424 03	Woodl ot	100% be established	Whole plot established
9 7	2	54	Bugene	0.387 91	Woodl ot	100% be established	Whole plot established
9 8	2	16	Bugene	0.921 67	FO	100% be established	Whole plot established
9 9	2	38	Bugene	2.215 88	FO	100% be established	Whole plot established

100	2	122	Bugene	0.87129	Woodlot	100% be established	Whole plot established
101	2	152	Bugene	1.0878	Woodlot	100% be established	Whole plot established
102	2	125	Bugene	0.89345	Woodlot	100% be established	Whole plot established
103	2	75	Bugene	0.53254	Woodlot	100% be established	Whole plot established
104	2	58	Bugene	0.41203	Woodlot	100% be established	Whole plot established
105	2	39	Bugene	0.27718	Woodlot	100% be established	Whole plot established
106	2	78	Bugene	1400m	BP	100% be established	Whole plot established
107	2	39	Bugene	0.27647	Woodlot	100% be established	Whole plot established
108	2	38	Bugene	676m	BP	100% be established	Whole plot established
109	2	29	Bugene	0.46825	DI	100% be established	Whole plot established
110	2	22	Bugene	0.15896	Woodlot	100% be established	Whole plot established
111	2	43	Bugene	0.6988	DI	100% be established	Whole plot established
	2	25	Bugene	0.17981	Woodlot	100% be established	Whole plot established
112	2	30	Bugene	0.2133	Woodlot	100% be established	Whole plot established
113	2	60	Bugene	0.43154	Woodlot	100% be established	Whole plot established
114	2	16	Kaisho	0.25905	DI	100% be established	Whole plot established

1 1 5	2	18	Kaisho	329	BP	100% be established	Whole plot established
1 1 6	2	14	Kaisho	246	BP	100% be established	Whole plot established
1 1 7	2	95	Kaisho	0.681 63	Woodlot	100% be established	Whole plot established
1 1 8	2	20	Kaisho	0.321 06	DI	100% be established	Whole plot established
	2	15	Kaisho	275	BP	100% be established	Whole plot established
1 1 9	2	19	Kaisho	0.134 13	Woodlot	100% be established	Whole plot established
1 2 0	2	26	Kaisho	472	BP	100% be established	Whole plot established
1 2 1	2	27	Kaisho	0.448 06	DI	100% be established	Whole plot established
	2	16	Kaisho	287	BP	100% be established	Whole plot established
1 2 2	2	48	Kaisho	0.781 22	DI	100% be established	Whole plot established
	2	21	Kaisho	376	BP	100% be established	Whole plot established
1 2 3	2	21	Kaisho	369	BP	100% be established	Whole plot established
1 2 4	2	32	Kaisho	578	BP	100% be established	Whole plot established
1 2 5	2	19	Kaisho	334	BP	100% be established	Whole plot established
1 2 6	2	49	Kaisho	0.346 71	Woodlot	100% be established	Whole plot established
1 2 7	2	9	Kaisho	0.145 58	DI	100% be established	Less than 50%
	2	24	Kaisho	0.174 02	Woodlot	100% be established	Less than 50%
1 2 8	2	33	Kaisho	0.238 4	Woodlot	100% be established	Whole plot established

1 2 9	2	96	Kaisho	1.577 24	DI	100% be established	Whole plot established
1 3 0	2	43	Kaisho	0.309	Woodl ot	100% be established	Whole plot established
1 3 1	2	77	Kaisho	0.552 45	Woodl ot	100% be established	Whole plot established
1 3 2	2	11	Kaisho	0.176 63	DI	100% be established	Whole plot established
1 3 3	2	21	Kaisho	368	BP	100% be established	Whole plot established
1 3 4	2	24	Kaisho	429	BP	100% be established	Whole plot established
1 3 5	2	17	Kaisho	299	BP	100% be established	Whole plot established
1 3 6	2	47	Kaisho	0.338 38	Woodl ot	100% be established	Whole plot established
1 3 7	2	98	Kaisho	0.699 79	Woodl ot	100% be established	Whole plot established
1 3 8	2	80	Bugene	1.313 57	DI	100% be established	Whole plot established
1 3 9	2	103	Bugene	1.689 49	DI	100% be established	Whole plot established
1 4 0	2	36	Bugene	0.254 75	Woodl ot	100% be established	Whole plot established
1 4 1	2	46	Bugene	0.749 68	DI	100% be established	Whole plot established
1 4 2	2	23	Bugene	0.384 71	DI	100% be established	Whole plot established
1 4 3	2	14	Bugene	0.231 51	DI	100% be established	Whole plot established
1 4 4	2	67	Bugene	1.105 81	DI	100% be established	Whole plot established

1 4 5	2	56	Bugene	995	BP	100% be established	Whole plot established
1 4 6	2	32	Bugene	0.230 52	Woodl ot	100% be established	Whole plot established
1 4 7	2	20	Bugene	349	BP	100% be established	Whole plot established
1 4 8	2	39	Bugene	0.278 22	Woodl ot	100% be established	Whole plot established
1 4 9	2	13	Bugene	232	BP	100% be established	Whole plot established
1 5 0	2	26	Bugene	0.429 27	DI	100% be established	Whole plot established
1 5 1	2	29	Bugene	0.208 1	Woodl ot	100% be established	Whole plot established
1 5 2	2	55	Bugene	0.395 9	Woodl ot	100% be established	Whole plot established
1 5 3	2	184	Bugene	1.312	Woodl ot	100% be established	Whole plot established
1 5 4	2	48	Nyaishozi	0.346 23	Woodl ot	100% be established	Whole plot established

\*Information removed from public version for privacy reasons

## Annex 4 Monitoring Results for 2010/ 2011 batch

S/ N o	Year of monitori ng (i.e. participa nts at year 1, 2, 3)	Name of producer/ producer ID/group ID	Total tCO <sub>2</sub> ser vices to be generat ed by plan vivo	Location e.g. A village name/proj ect area/farm ers' cooperativ e	Area (ha)	Technica l specifica tion	Monitoring target	Monitoring result
1	7		38	Kaisho	0.2687 7	Woodlo t	DBH = or > 8cm	11cm
2	7		69	Kaisho	0.4931 3	Woodlo t	DBH = or > 8cm	12cm
3	7		135	Kaisho	0.9625 6	Woodlo t	DBH = or > 8cm	12cm
4	7		43	Kaisho	0.3069 7	Woodlo t	DBH = or > 8cm	12cm
5	7		38	Kaisho	0.2693 3	Woodlo t	DBH = or > 8cm	16cm
6	7		133	Kaisho	0.9526 9	Woodlo t	DBH = or > 8cm	13cm
7	7		52	Kaisho	0.8521 2	DI	DBH = or > 10cm	14cm
8	7		93	Kaisho	0.6673	Woodlo t	DBH = or > 8cm	14cm
9	7		57	Kaisho	0.4077 6	Woodlo t	DBH = or > 8cm	12cm
10	7		31	Kaisho	0.2201 5	Woodlo t	DBH = or > 8cm	12cm
11	7		111	Kaisho	0.7939 7	Woodlo t	DBH = or > 8cm	8cm
12	7		16	Kaisho	0.1164 4	Woodlo t	DBH = or > 8cm	13cm
13	7		25	Kaisho	0.4052 5	DI	DBH = or > 10cm	12cm
14	7		26	Kaisho	472m	Woodlo t	DBH = or > 8cm	14cm
15	7		67	Kaisho	0.4807	Woodlo t	DBH = or > 8cm	15cm
16	7		27	Kaisho	0.4344 7	DI	DBH = or > 10cm	14cm
17	7		41	Kaisho	0.2902 9	Woodlo t	DBH = or > 8cm	12cm
18	7		62	Kaisho	0.4441 8	Woodlo t	DBH = or > 8cm	12cm
19	7		32	Kaisho	0.5234 5	DI	DBH = or > 10cm	14cm



7	17	Kaisho	308	BP	DBH = or > 8cm	13cm
20 7	42	Kaisho	069126	DI	DBH = or > 10cm	12cm
21 7	113	Kaisho	0.80751	Woodlot	DBH = or > 8cm	12cm
22 7	14	Kaisho	0.23448	DI	DBH = or > 10cm	16cm
23 7	87	Kaisho	0.6237	Woodlot	DBH = or > 8cm	15cm
24 7	36	Kaisho	0.25976	Woodlot	DBH = or > 8cm	9cm
25 7	18	Kaisho	320m	BP	DBH = or > 8cm	12cm
26 7	40	Kaisho	0.28334	Woodlot	DBH = or > 8cm	14cm
27 7	42	Kaisho	0.3	Woodlot	DBH = or > 8cm	12cm
28 7	14	Kaisho	0.22754	DI	DBH = or > 10cm	18cm
29 7	24	Kaisho	0.1682	Woodlot	DBH = or > 8cm	15cm
30 7	27	Kaisho	0.43687	DI	DBH = or > 10cm	21cm
31 7	47	Kaisho	0.3323	Woodlot	DBH = or > 8cm	17cm
32 7	49	Kaisho	0.3489	Woodlot	DBH = or > 8cm	15cm
33 7	170	Kaisho	1.21665	Woodlot	DBH = or > 8cm	10cm
34 7	22	Kaisho	0.35483	DI	DBH = or > 10cm	22cm
35 7	72	Kaisho	0.51642	Woodlot	DBH = or > 8cm	16cm
36 7	20	Kaisho	0.32458	DI	DBH = or > 10cm	18cm
37 7	118	Kaisho	0.84347	Woodlot	DBH = or > 8cm	15cm
38 7	39	Kaisho	0.2806	Woodlot	DBH = or > 8cm	11cm
39 7	18	Kaisho	319m	BP	DBH = or > 8cm	14cm
40 7	208	Kaisho	1.48322	Woodlot	DBH = or > 8cm	15cm
7	23	Kaisho	420	BP	DBH = or > 8cm	12cm
41 7	215	Kaisho	1.5324	Woodlot	DBH = or > 8cm	12cm
42 7	29	Kaisho	519	BP	DBH = or >	14cm

						8cm	
43	7	31	Kaisho	0.3	DI	DBH = or > 10cm	18cm
44	7	81	Kaisho	0.5772 2	Woodlot	DBH = or > 8cm	8cm
45	7	91	Kaisho	0.6506	WD	DBH = or > 8cm	9cm
46	7	29	Bugene	0.4717 1	DI	DBH = or > 10cm	17cm
47	7	89	Bugene	0.6326	Woodlot	DBH = or > 8cm	10cm
48	7	97	Bugene	0.6909	Woodlot	DBH = or > 8cm	12cm
49	7	23	Bugene	0.3810 6	DI	DBH = or > 10cm	20cm
50	7	25	Bugene	0.1817	Woodlot	DBH = or > 8cm	18cm
51	7	58	Bugene	0.4123	Woodlot	DBH = or > 8cm	14cm
52	7	28	Bugene	0.2014	Woodlot	DBH = or > 8cm	13cm
53	7	60	Bugene	1074	BP	DBH = or > 8cm	21cm
54	7	14	Bugene	0.8064	FO	DBH = or > 12cm	12cm
55	7	31	Bugene	0.2208 9	Woodlot	DBH = or > 8cm	8cm
56	7	16	Bugene	0.1170 9	Woodlot	DBH = or > 8cm	10cm
57	7	15	Bugene	0.1052	Woodlot	DBH = or > 8cm	12cm
58	7	36	Bugene	0.2572 5	Woodlot	DBH = or > 8cm	15cm
59	7	29	Bugene	0.2105 9	Woodlot	DBH = or > 8cm	10cm
60	7	33	Bugene	0.2323	Woodlot	DBH = or > 8cm	12cm
61	7	7	Bugene	0.0505 33	Woodlot	DBH = or > 8cm	12cm
62	7	76	Bugene	0.5418	Woodlot	DBH = or > 8cm	11cm
63	7	26	Bugene	0.1869	Woodlot	DBH = or > 8cm	11cm
64	7	47	Bugene	0.3361	Woodlot	DBH = or > 8cm	12cm
65	7	13	Bugene	0.2203 6	DI	DBH = or > 10cm	15cm
66	7	90	Bugene	0.6458	Woodlot	DBH = or >	13cm

				7	t	8cm	
67	7	98	Bugene	0.6981	Woodlo t	DBH = or > 8cm	11cm
68	7	22	Bugene	0.1595	Woodlo t	DBH = or > 8cm	13cm
69	7	19	Bugene	346m	BP	DBH = or > 8cm	15cm
70	7	53	Bugene	0.3768	Woodlo t	DBH = or > 8cm	13cm
71	7	30	Bugene	0.2121	Woodlo t	DBH = or > 8cm	12cm
72	7	99	Bugene	1.6261 8	DI	DBH = or > 10cm	12cm
73	7	33	Bugene	0.2355 4	Woodlo t	DBH = or > 8cm	13cm
74	7	22	Bugene	0.16	Woodlo t	DBH = or > 8cm	11cm
75	7	63	Bugene	0.4499 8	Woodlo t	DBH = or > 8cm	11cm
76	7	36	Bugene	650m	BP	DBH = or > 8cm	17cm
77	7	81	Bugene	0.5817	Woodlo t	DBH = or > 8cm	13cm
78	7	45	Bugene	0.318	Woodlo t	DBH = or > 8cm	13cm
79	7	65	Bugene	0.4633 1	Woodlo t	DBH = or > 8cm	13cm
80	7	17	Bugene	0.5747	FO	DBH = or > 12cm	12cm
81	7	51	Bugene	917m	BP	DBH = or > 8cm	22cm
82	7	86	Bugene	476m/ 0.4262	BP & WD	DBH = or > 8cm	19cm
83	7	69	Bugene	0.493	Woodlo t	DBH = or > 8cm	13cm
84	7	8	Bugene	135	BP	DBH = or > 8cm	19cm
85	7	29	Bugene	0.2036 6	Woodlo t	DBH = or > 8cm	13cm
86	7	39	Bugene	0.2772	Woodlo t	DBH = or > 8cm	15cm
87	7	31	Bugene	0.2221	Woodlo t	DBH = or > 8cm	11cm
88	7	27	Bugene	0.1949 9	Woodlo t	DBH = or > 8cm	15cm
89	7	35	Bugene	0.2531 7	Woodlo t	DBH = or > 8cm	12cm
90	7	68	Bugene	0.4824	Woodlo t	DBH = or > 8cm	12cm

91	7	154	Bugene	1.1	Woodlot	DBH = or > 8cm	11cm
92	7	43	Bugene	0.30752	Woodlot	DBH = or > 8cm	14cm
93	7	31	Bugene	0.2249	Woodlot	DBH = or > 8cm	11cm
94	7	50	Bugene	0.3595	Woodlot	DBH = or > 8cm	12cm
95	7	98	Nyaishozi	0.7	Woodlot	DBH = or > 8cm	13cm
96	7	101	Nyaishozi	0.72	Woodlot	DBH = or > 8cm	14cm
97	7	34	Nyaishozi	0.56	DI	DBH = or > 10cm	11cm
98	7	16	Nyaishozi	0.261	DI	DBH = or > 10cm	14cm
99	7	12	Nyaishozi	0.204	DI	DBH = or > 10cm	12cm
100	7	18	Nyaishozi	326m	BP	DBH = or > 8cm	16cm
101	7	31	Nyaishozi	0.22	Woodlot	DBH = or > 8cm	13cm
102	7	18	Nyaishozi	323m	BP	DBH = or > 8cm	11cm
103	7	45	Nyaishozi	796m	BP	DBH = or > 8cm	16cm
104	7	20	Nyaishozi	0.14	Woodlot	DBH = or > 8cm	17cm
105	7	11	Nyaishozi	0.18	DI	DBH = or > 10cm	11cm
106	7	31	Nyaishozi	0.22	Woodlot	DBH = or > 8cm	12cm
107	7	281	Nyaishozi	2.01	Woodlot	DBH = or > 8cm	12cm
108	7	43	Nyaishozi	0.304	Woodlot	DBH = or > 8cm	14cm
109	7	79	Nyaishozi	0.563	Woodlot	DBH = or > 8cm	10cm
110	7	15	Nyaishozi	0.11057	Woodlot	DBH = or > 8cm	14cm
111	7	28	Nyaishozi	0.201	Woodlot	DBH = or > 8cm	8cm
112	7	84	Nyaishozi	0.597	Woodlot	DBH = or > 8cm	8cm
113	7	24	Nyaishozi	428m	BP	DBH = or > 8cm	14cm
114	7	239	Nyaishozi	1.70874	Woodlot	DBH = or > 8cm	8cm
115	7	72	Nyaishozi	0.517	Woodlot	DBH = or > 8cm	8cm

5					t	8cm	
11 7 6	70	Nyaishozi	0.4995 8	Woodlo t	DBH = or > 8cm	9cm	
11 7 7	64	Nyaishozi	0.4547 9	Woodlo t	DBH = or > 8cm	12cm	
11 7 8	114	Nyaishozi	0.812	Woodlo t	DBH = or > 8cm	14cm	
11 7 9	205	Nyaishozi	1.467	Woodlo t	DBH = or > 8cm	11cm	
12 7 0	80	Nyaishozi	1420m	BP	DBH = or > 8cm	9cm	
12 7 1	219	Nyaishozi	1.5646 3	Woodlo t	DBH = or > 8cm	9cm	
12 7 2	84	Nyaishozi	0.5966	Woodlo t	DBH = or > 8cm	12cm	
12 7 3	64	Nyaishozi	0.4536 8	Woodlo t	DBH = or > 8cm	14cm	
12 7 4	101	Nyaishozi	0.723	Woodlo t	DBH = or > 8cm	11cm	
12 7 5	120	Nyaishozi	0.86	Woodlo t	DBH = or > 8cm	11cm	
12 7 6	17	Nyaishozi	311m	BP	DBH = or > 8cm	17cm	
12 7 7	67	Nyaishozi	0.4801 4	Woodlo t	DBH = or > 8cm	8cm	
12 7 8	82	Nyaishozi	0.586	Woodlo t	DBH = or > 8cm	13cm	
12 7 9	150	Nyaishozi	1.069	Woodlo t	DBH = or > 8cm	11cm	
13 7 0	67	Nyaishozi	0.478	Woodlo t	DBH = or > 8cm	10cm	
13 7 1	214	Nyaishozi	1.53	Woodlo t	DBH = or > 8cm	11cm	
13 7 2	121	Nyaishozi	0.862	Woodlo t	DBH = or > 8cm	9cm	
13 7 3	56	Nyaishozi	0.4032 1	Woodlo t	DBH = or > 8cm	14cm	
13 7 4	458	Nyaishozi	3.2743 5	Woodlo t	DBH = or > 8cm	12cm	
13 7 5	256	Nyaishozi	1.8264 7	Woodlo t	DBH = or > 8cm	10cm	
13 7 6	70	Nyaishozi	0.5018 1	Woodlo t	DBH = or > 8cm	10cm	
13 7 7	74	Nyaishozi	0.5307	Woodlo t	DBH = or > 8cm	11cm	
13 7 8	61	Nyaishozi	0.436	Woodlo t	DBH = or > 8cm	8cm	
13 7 9	41	Nyaishozi	0.2897	Woodlo t	DBH = or > 8cm	9cm	

14 7 0	63	Nyaishozi	0.453	Woodlot	DBH = or > 8cm	9cm
14 7 1	56	Nyaishozi	0.399	Woodlot	DBH = or > 8cm	11cm
14 7 2	24	Nyaishozi	433m	BP	DBH = or > 8cm	11cm
14 7 3	70	Nyaishozi	0.503	Woodlot	DBH = or > 8cm	10cm
14 7 4	52	Nyaishozi	0.374	Woodlot	DBH = or > 8cm	14cm
14 7 5	66	Nyaishozi	0.47	Woodlot	DBH = or > 8cm	9cm
14 7 6	105	Nyaishozi	0.747	Woodlot	DBH = or > 8cm	12cm
14 7 7	81	Nyaishozi	0.576	Woodlot	DBH = or > 8cm	12cm
14 7 8	32	Nyaishozi	0.146	WD & BP	DBH = or > 8cm	12cm
14 7 9	25	Nyaishozi	454m	BP	DBH = or > 8cm	11cm
15 8 0	118	Nyaishozi	0.844	Woodlot	DBH = or > 8cm	11cm
15 8 1	80	Nyaishozi	0.574	Woodlot	DBH = or > 8cm	12cm
15 8 2	65	Nyaishozi	0.984	DI	DBH = or > 10cm	13cm
15 8 3	64	Nyaishozi	0.454	Woodlot	DBH = or > 8cm	12cm
15 8 4	93	Nyaishozi	0.664	Woodlot	DBH = or > 8cm	11cm

\*Information removed from public version for privacy reasons

## Annex 5 Group Meetings

Plan Vivo groups (44) usually conduct group meetings at least once per month. In the group meetings there are different agenda items, but most of them focus on the implementation of the Plan Vivo project, challenges, success and feedback from the micro-enterprises undertaken and trainings attended.

From May 2017 to April 2018, 18 group meetings were organised. The common agenda for the visited groups were;

- **Tree planting and trees disease.**

For the year 2017/2018, the rainy seasons were not conducive, as there was a prolonged period of drought. Many of the planted seedlings dried out which caused farmers (in year two) to need to replant, as they were not yet sufficiently established to withstand the water shortage.

- **Feedback from different implemented enterprises**

Many of the group members from different groups have different enterprises like bee keeping, local chicken production, goat keeping, horticulture production and dairy cows. In the meeting, members exchange ideas and knowledge with each other. Some members visit each other and share experiences in the management of different enterprises.

- **Feedback from the attended training sessions**

Group leaders (two from each group) attended training sessions on tree value chain and commercialization. After the training session, the group leaders gave the feedback to the rest of their members. All 44 groups were represented in the training.

For the groups dealing with village savings and loans have a common agenda on share purchasing and loaning exercise.

**Annex 6 Payment schedule for farmers monitored and in compliance with DBH threshold** (the amount to be paid in the upcoming disbursement, based on the monitoring carried out)

S/No	Name of Participant/ PV ID*	Total tCO <sub>2</sub>	Location	Technical Spec.	DBH Compliance	Amount to be paid (TZH)
1		38	Kaisho	Woodlot	11cm	38 000,00
2		69	Kaisho	Woodlot	12cm	69 000,00
3		135	Kaisho	Woodlot	12cm	135 000,00
4		43	Kaisho	Woodlot	12cm	43 000,00
5		38	Kaisho	Woodlot	16cm	38 000,00
6		133	Kaisho	Woodlot	13cm	133 000,00
7		52	Kaisho	DI	14cm	52 000,00
8		93	Kaisho	Woodlot	14cm	93 000,00
9		57	Kaisho	Woodlot	12cm	57 000,00
10		31	Kaisho	Woodlot	12cm	31 000,00
11		111	Kaisho	Woodlot	8cm	111 000,00
12		16	Kaisho	Woodlot	13cm	16 000,00
13		25	Kaisho	DI	12cm	25 000,00
14		26	Kaisho	Woodlot	14cm	26 000,00
15		67	Kaisho	Woodlot	15cm	67 000,00
16		27	Kaisho	DI	14cm	27 000,00
17		41	Kaisho	Woodlot	12cm	41 000,00
18		62	Kaisho	Woodlot	12cm	62 000,00
19		32	Kaisho	DI	14cm	32 000,00
		17	Kaisho	BP	13cm	17 000,00
20		42	Kaisho	DI	12cm	42 000,00
21		113	Kaisho	Woodlot	12cm	113 000,00
22		14	Kaisho	DI	16cm	14 000,00
23		87	Kaisho	Woodlot	15cm	87 000,00
24		36	Kaisho	Woodlot	9cm	36 000,00
25		18	Kaisho	BP	12cm	18 000,00
26		40	Kaisho	Woodlot	14cm	40 000,00
27		42	Kaisho	Woodlot	12cm	42 000,00
28		14	Kaisho	DI	18cm	14 000,00
29		24	Kaisho	Woodlot	15cm	24 000,00
30		27	Kaisho	DI	21cm	27 000,00



31		47	Kaisho	Woodlot	17cm	47 000,00
32		49	Kaisho	Woodlot	15cm	49 000,00
33		170	Kaisho	Woodlot	10cm	170 000,00
34		22	Kaisho	DI	22cm	22 000,00
35		72	Kaisho	Woodlot	16cm	72 000,00
36		20	Kaisho	DI	18cm	20 000,00
37		118	Kaisho	Woodlot	15cm	118 000,00
38		39	Kaisho	Woodlot	11cm	39 000,00
39		18	Kaisho	BP	14cm	18 000,00
40		208	Kaisho	Woodlot	15cm	208 000,00
		23	Kaisho	BP	12cm	23 000,00
41		215	Kaisho	Woodlot	12cm	215 000,00
42		29	Kaisho	BP	14cm	29 000,00
43		31	Kaisho	DI	18cm	31 000,00
44		81	Kaisho	Woodlot	8cm	81 000,00
45		91	Kaisho	WD	9cm	91 000,00
46		29	Bugene	DI	17cm	29 000,00
47		89	Bugene	Woodlot	10cm	89 000,00
48		97	Bugene	Woodlot	12cm	97 000,00
49		23	Bugene	DI	20cm	23 000,00
50		25	Bugene	Woodlot	18cm	25 000,00
51		58	Bugene	Woodlot	14cm	58 000,00
52		28	Bugene	Woodlot	13cm	28 000,00
53		60	Bugene	BP	21cm	60 000,00
54		14	Bugene	FO	12cm	14 000,00
55		31	Bugene	Woodlot	8cm	31 000,00
56		16	Bugene	Woodlot	10cm	16 000,00
57		15	Bugene	Woodlot	12cm	15 000,00
58		36	Bugene	Woodlot	15cm	36 000,00
59		29	Bugene	Woodlot	10cm	29 000,00
60		33	Bugene	Woodlot	12cm	33 000,00
61		7	Bugene	Woodlot	12cm	7 000,00
62		76	Bugene	Woodlot	1cm	76 000,00
63		26	Bugene	Woodlot	11cm	26 000,00
64		47	Bugene	Woodlot	12cm	47 000,00
65		13	Bugene	DI	15cm	13 000,00
66		90	Bugene	Woodlot	13cm	90 000,00
67		98	Bugene	Woodlot	11cm	98 000,00
68		22	Bugene	Woodlot	13cm	22 000,00
69		19	Bugene	BP	15cm	19 000,00
70		53	Bugene	Woodlot	13cm	53 000,00
71		30	Bugene	Woodlot	12cm	30 000,00
72		99	Bugene	DI	12cm	99 000,00

73		33	Bugene	Woodlot	13cm	33 000,00
74		22	Bugene	Woodlot	11cm	22 000,00
75		63	Bugene	Woodlot	11cm	63 000,00
76		36	Bugene	BP	17cm	36 000,00
77		81	Bugene	Woodlot	13cm	81 000,00
78		45	Bugene	Woodlot	13cm	45 000,00
79		65	Bugene	Woodlot	13cm	65 000,00
80		17	Bugene	FO	12cm	17 000,00
81		51	Bugene	BP	22cm	51 000,00
82		86	Bugene	BP & WD	19cm	86 000,00
83		69	Bugene	Woodlot	13cm	69 000,00
84		8	Bugene	BP	19cm	8 000,00
85		29	Bugene	Woodlot	13cm	29 000,00
86		39	Bugene	Woodlot	15cm	39 000,00
87		31	Bugene	Woodlot	11cm	31 000,00
88		27	Bugene	Woodlot	15cm	27 000,00
89		35	Bugene	Woodlot	12cm	35 000,00
90		68	Bugene	Woodlot	12cm	68 000,00
91		154	Bugene	Woodlot	11cm	154 000,00
92		43	Bugene	Woodlot	14cm	43 000,00
93		31	Bugene	Woodlot	11cm	31 000,00
94		50	Bugene	Woodlot	12cm	50 000,00
95		98	Nyaishozi	Woodlot	13cm	98 000,00
96		101	Nyaishozi	Woodlot	14cm	101 000,00
97		34	Nyaishozi	DI	11cm	34 000,00
98		16	Nyaishozi	DI	14cm	16 000,00
99		12	Nyaishozi	DI	12cm	12 000,00
100		18	Nyaishozi	BP	16cm	18 000,00
101		31	Nyaishozi	Woodlot	13cm	31 000,00
102		18	Nyaishozi	BP	11cm	18 000,00
103		45	Nyaishozi	BP	16cm	45 000,00
104		20	Nyaishozi	Woodlot	17cm	20 000,00
105		11	Nyaishozi	DI	11cm	11 000,00
106		31	Nyaishozi	Woodlot	12cm	31 000,00
107		281	Nyaishozi	Woodlot	12cm	281 000,00
108		43	Nyaishozi	Woodlot	14cm	43 000,00
109		79	Nyaishozi	Woodlot	10cm	79 000,00
110		15	Nyaishozi	Woodlot	14cm	15 000,00
111		28	Nyaishozi	Woodlot	8cm	28 000,00
112		84	Nyaishozi	Woodlot	8cm	84 000,00
113		24	Nyaishozi	BP	14cm	24 000,00
114		239	Nyaishozi	Woodlot	8cm	239 000,00
115		72	Nyaishozi	Woodlot	8cm	72 000,00

116		70	Nyaishozi	Woodlot	9cm	70 000,00
117		64	Nyaishozi	Woodlot	12cm	64 000,00
118		114	Nyaishozi	Woodlot	14cm	114 000,00
119		205	Nyaishozi	Woodlot	11cm	205 000,00
120		80	Nyaishozi	BP	9cm	80 000,00
121		219	Nyaishozi	Woodlot	9cm	219 000,00
122		84	Nyaishozi	Woodlot	12cm	84 000,00
123		64	Nyaishozi	Woodlot	14cm	64 000,00
124		101	Nyaishozi	Woodlot	11cm	101 000,00
125		120	Nyaishozi	Woodlot	11cm	120 000,00
126		17	Nyaishozi	BP	17cm	17 000,00
127		67	Nyaishozi	Woodlot	8cm	67 000,00
128		82	Nyaishozi	Woodlot	13cm	82 000,00
129		150	Nyaishozi	Woodlot	11cm	150 000,00
130		67	Nyaishozi	Woodlot	10cm	67 000,00
131		214	Nyaishozi	Woodlot	11cm	214 000,00
132		121	Nyaishozi	Woodlot	9cm	121 000,00
133		56	Nyaishozi	Woodlot	14cm	56 000,00
134		458	Nyaishozi	Woodlot	12cm	458 000,00
135		256	Nyaishozi	Woodlot	10cm	256 000,00
136		70	Nyaishozi	Woodlot	10cm	70 000,00
137		74	Nyaishozi	Woodlot	11cm	74 000,00
138		61	Nyaishozi	Woodlot	8cm	61 000,00
139		41	Nyaishozi	Woodlot	9cm	41 000,00
140		63	Nyaishozi	Woodlot	9cm	63 000,00
141		56	Nyaishozi	Woodlot	11cm	56 000,00
142		24	Nyaishozi	BP	11cm	24 000,00
143		70	Nyaishozi	Woodlot	10cm	70 000,00
144		52	Nyaishozi	Woodlot	14cm	52 000,00
145		66	Nyaishozi	Woodlot	9cm	66 000,00
146		105	Nyaishozi	Woodlot	12cm	105 000,00
147		81	Nyaishozi	Woodlot	12cm	81 000,00
148		32	Nyaishozi	Woodlot	12cm	32 000,00
149		25	Nyaishozi	BP	11cm	25 000,00
150		118	Nyaishozi	Woodlot	11cm	118 000,00
151		80	Nyaishozi	Woodlot	12cm	80 000,00
152		65	Nyaishozi	DI	13cm	65 000,00
153		64	Nyaishozi	Woodlot	12cm	64 000,00
154		93	Nyaishozi	Woodlot	11cm	93 000,00

\*Information removed from public version for privacy reasons

## **Annex 7 Socio-economic study**

See attached file

