



Annual Report year 2015 – 2016

Forest Management by



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Summary

Project overview

Reporting period
Geographical areas

01.01.2015 – 30.12.2016 (2 years)
Cochabamba Tropics, Ichilo province (dpt. Santa Cruz), province Ituralde (dpt La Paz), province J.Balivian (dpt Beni), Bolivia
Mixed Species Forest Plantation

Technical specifications in use

Project indicators	Historical (2011- 2014)	Added/ Issued this period (2015-2016)	Total
No. smallholder households with PES agreements	148	31	179
No. community groups with PES agreements (where applicable)	50	11	61
Approximate number of households (or individuals) in these community groups	n/a	n/a	n/a
Area under management (ha) where PES agreements are in place	196.25 ha - 7.95 ha 188,30 ha	50.2	238.5
Total PES payments made to participants (USD)	125,914	58,576	184,490
Total sum held in trust for future PES payments (USD)	n/a	n/a	n/a
Allocation to Plan Vivo buffer (tCO ₂)	4,966	1,164	6,130
Saleable emissions reductions achieved (tCO ₂)	34,766	14,271	49,037
Unsold Stock at time of Submission (PVC)			177
Total Unsold Stock (PVC)			10,624
Plan Vivo Certificates (PVCs) issued to date			34,766
Plan Vivo Certificates requested for issuance (2016 Vintage)			14,271
Plan Vivo Certificates available for future issuance (REDD only)			0
Total PVCs issued (including this report)			49,037

Part A: Project updates

A1 Key events

The ArBolivia-project is being implemented by Sicirec Bolivia Ltda, a social enterprise, registered in Bolivia, specializing in integrated forest management, reforestation, agroforestry, conservation, environmental services and innovative financing mechanisms.

As stated in the PDD, the ArBolivia project started in 2007 as a portfolio of small-scale reforestation activities within the Clean Development Mechanism of the UNFCCC. However, due to a change of policy of the Bolivian government, as well as low carbon prices on the CDM-market the ArBolivia changed its focus regarding environmental services from a market approach to an approach based on the principle of reciprocity.

Farmer families are not subject to market and price changes; neither are they merely recipients of external aid. They are instead vital partners within the project. This particular role requires farmers and communities to embrace fully the co-operative concept of the project communities in order to establish and maintain an active relationship. This relationship is formalised under a signed agreement between each farmer family and the project.

The ArBolivia project has been successfully validated, in 2011, against the Plan Vivo Standard. In 2012 it was also validated successfully against the CarbonFix Standard and this validation was then transferred into Gold Standard Certification in 2013. Though the areas certified under Plan Vivo and Gold Standard are treated equally at field level, the monitoring, data-registration, timber and carbon accounting are all managed strictly separately. Data is stored in a very transparent and verifiable way in the project database, preventing any form of double counting.

A performance- and new area certification was carried out by Control Union in October 2016.

The certificates issued under Plan Vivo have been registered in the Markit register under the name “ArBolivia”, and those from Gold Standard have been registered under the name “Arbolivia II”.

This document provides a report of the plantations established, maintained and validated under Plan Vivo between 2008 and 2011 and on new plantations brought under the Plan Vivo Standard between 2013 and 2016. All plantations have been subject to successful verification in 2016 (see certification report)

Plantations are located in the municipalities of San Buenaventura (department La Paz), Rurrenabaque and San Borja, in the department of Beni (see map) and the municipalities in the Cochabamba Tropics.

Figure 2.1: Location of the “Rurrenabaque” area

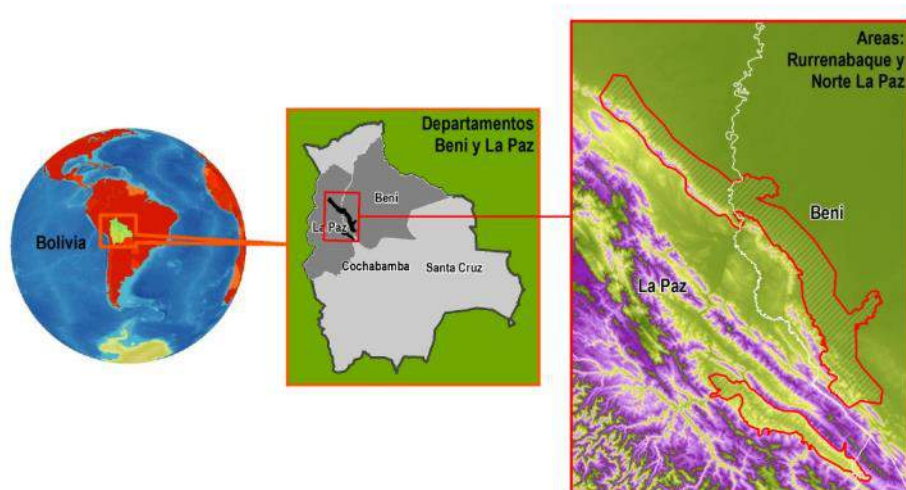
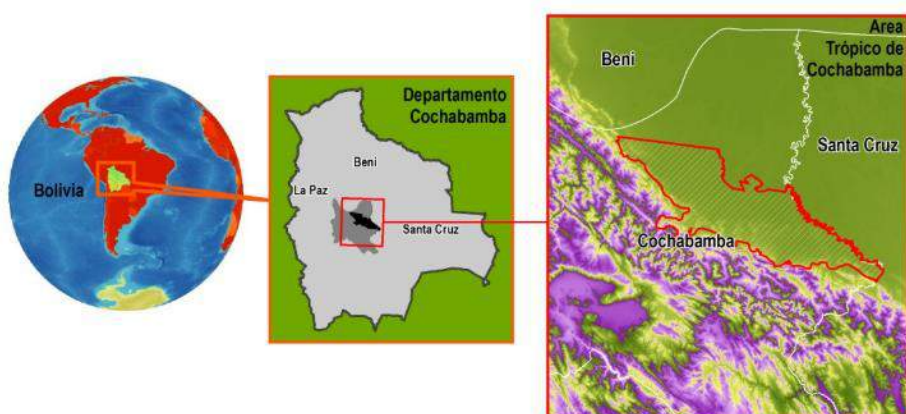


Figure 2.2: Location of the Cochabamba Tropics area



A2 Successes and challenges

During 2015 and 2016, the following developments and challenges are worth mentioning:

- Certification:
 - Control Union has carried out a performance verification in October 2016. A final report will be available soon.
- Monitoring

- An additional number of permanent sample plots has been established, measured and evaluated, and existing plots have been re-measured and evaluated. Total number of permanent sample plots is 58 now.
- Adicional 55 non-permanent sample plots have been established.
- Regular monitoring of all PV-plantations on growth and development of plantations, quality, silvicultural management, as well as payments.
- Annual meetings with the 9 forestry committees are used to monitor social acceptance, social embedding, potential problems, and capacity building needs, and take action if necessary.
- Environmental and biodiversity impact evaluation and socio-economic impact evaluation was done in 2013 and will be repeated according schedule in 2018.
- Training;

Training of the small holders has been conducted together with the forestry committees in:

 - Integrated land use planning (for all farmers)
 - Integrated farm business planning (For most farmers)
 - Plantation management (weeding, pruning, thinning, pest- and disease prevention & control, fire prevention & control, and biodiversity)
- Thinning of the plantations has been started, resulting, in saleable products in the Cochabamba Tropics area.

40 formal trainings have been organized mainly through the forestry committees (36 of the 40). All farmers receive regular visits which are used for on-site traing.

A3 Project developments

Legal registration of the plantations with the Forestry Authority:

- Registration is necessary to facilitate future harvesting and improve the control of the Forest Authority over illegal wood exploitation in the future, which is also of benefit for the project. Formal registration provides a higher degree of security in respect of permanence as well as acting as a licence to sell timber products from the plantations.
- The ArBolivia staff participated actively in the elaboration of integrated land- and forestry policies with the National Forestry Authority, sharing the experiences obtained under the ArBolivia project.
 - The ArBolivia staff advised the Forest Authority on elaboration and adjustments to the regulations regarding the official registration of tree-plantations.

- However although at a national level the rules and regulations are clear; the registration process itself is progressing relatively slowly, since this has to be done by the local forest authority offices. The local offices struggle with; a lack of staff, high level of bureaucracy, and probably the main issue is the different interpretations of the regulations at local level. ArBolivia-staff will continue to facilitate the process.

The state National Electricity Company started in 2015 with the construction of a High Voltage line from Yucumo to San Buenaventura and in the initial plans this would have affected a significant area of woodlots. Several meetings have been held together with representatives of the forest committees and the farmer federations and confederations, with representatives of this state-company. As a result, changes have been made in the final design of the power line, reducing to a minimum the surface area of plantations affected. Two hectares have been affected. For these areas the farmers, as well the project, received compensation to restore these areas.

A4 Future Developments

In addition to the trees, farmers received fruit trees and cacao and in other cases shade trees for already existing perennial crops. The improved land-use planning and the implementation of the fruit trees and cacao means as well an increased amount of biomass on the farm. On the other hand the improved land-use planning aims to reduce deforestation and improves the resilience to climate change as well. For the coming year, the project intends to develop technical specifications for these activities with the purpose to generate PV-certificates for this.

Part B: Project activities

B1 Project activities generating Plan Vivo Certificates

Table 3: Project activity summary

Name of technical specification	Area (Ha)	No smallholder households	No Community Groups
<i>Mixed Species Forest Plantation</i>	238.5	179	61

32 new farmer families in 11 new communities joined the project between 2013-2016. These communities are part of the already existing farmer and indigenous organisations and are located within the same project regions. Applicability conditions are the same for new farmers as for the PV-families, who started before..

B2 Project activities in addition to those generating Plan Vivo Certificates

Since reforestation activities cannot be seen in isolation from other livelihood activities, project participation begins in all cases with the elaboration of an Integrated Land Use Plan. If land use can be improved, agriculture can be more efficient and the deforestation caused by the traditional slash and burn methods can be reduced. Integrated Land Use Planning it assures tree planting is not competing with their income or food security in the short, mid and long term. Additional to this, and part of the Land Use Plan, farmers receive advice in improved cropping practices, and agroforestry systems are established (fruit trees, cacao, coffee etc..) in a surface area of 20% of the eligible tree planting area. Project is monitoring that no negative impacts occur on food security and crop production in general in the project area.

Project also plays an important role for farmers to use the trees as a collateral so farmers have acces to small loans from mico- financing institutes and banks, to support their sustainable agricultural production as the improvement of cropping methods, harvesting and marketing of beans, peanuts, cacao and coffee.

The objective of the tree planting activities is to produce quality hardwood timber, to develop markets for these products as well in an early stage Sicirec Bolivia is involved in harvesting, processing and marketing of wood products.

Part C: Plan Vivo Certificate issuance submission

C1 Contractual statement

Issuance is based on signed PES agreements with smallholders who have recently enrolled in the programme.

C2 Issuance request for projects where issuance is made on the basis of new land being added to the project

Table 4: Issuance request for Plan Vivo Certificates allocated to new participants and land

Tech. Spec. used	No of participant s/ groups allocated	Total area allocated (ha)	Carbon Potential (tCO ₂ /ha) (averaged)	Total ER's (tCO ₂)	% buffer	No. of PVCs allocated to buffer this period	Retained by Arbolvia 10%	Saleable ER's (tCO ₂) from this period
<i>Mixed Species Forest Plantation</i>	32	50.2	256.76	13,039	10%	1,164*	1,304	10,572
Unissued Unsold Stock (Reducing voluntary 20% project buffer to 10%)								3,699
TOTAL					-			14,271

*Please see tables 6 and 7 for an explanation of the revised buffer contribution.

As stated in the PDD, the contribution to the Plan Vivo buffer is 10%, in accordance with Plan Vivo requirements. This buffer is meant to cover any unexpected loss of hectares due to force majeure events. To date, ArBolivia has voluntarily held back from sale an additional internal buffer of 20% of carbon sequestration benefits to cover minor losses and also due to initial uncertainties about real growth rates.

Data from the permanent sample plots show that growth is within the expected ranges, as established in the Technical Specifications. This was confirmed during the most recent verification visit conducted by Control Union in October 2016.

Table 5: Summary of consolidated and failed areas

Issuance	Consolidated (Ha)	Failed (Ha)	Total planted (Ha)	Failure (%)
PV1	74,70	0,80	75,50	1,06%
PV2	113,60	7,15	120,75	5,92%
PV3	50,20	0,00	50,20	0,00%
Total	238,50	7,95	246,45	3,23%

Loss of plantation stock: this represents 3.23% of the total surface area established since 2008 (table 6). These losses have been compensated with new plantations during the reporting period. Considering the relatively minor reduction to qualifying surface area, this has been compensated not with certificates from the buffer, but by new planted areas. Given growth numbers are within the expected ranges, the management team has requested a reduction of the voluntary buffer held by the project from 20% to 10%, resulting in a total buffer (PV-held and voluntary) of 20%. By releasing the unissued credits Arbolivia has withheld to date, the project is therefore requesting issuance of an additional 3,699 tCO₂ via this Annual Report.

Table 6: Credits available for issuance after reducing voluntary project buffer from 20% to 10%

	ERRs (after reallocation)	Allocated to PV Buffer ¹	Withheld by Project 10%	Saleable	Issued	Available for issuance
2011-2014	48,256**	4,966	4,825	38,465	34,766	3,699

**The project's original Plan Vivo buffer contribution was 4,966 tCO₂ was based on total gross removals of 49,665 tCO₂. However, due to replanting with a slightly different species mix, the overall net removals of the project has been reduced to 48,256 tCO₂. As a consequence, the PV buffer contribution from this vintage increases in accordance with the increased total gross carbon removals.

Table 7: Comparison of previous split and new issuance

	Total Removals (tCO ₂)	Surface Area (Ha)	Issued PVCs	PV buffer contribution	Withheld by project	
TOTAL (2011-2014 project benefits)	48,256	188.0	34,766	4,966	9651	Project original withheld 20% voluntary buffer. Total ERR was revised from 49,665 tCO ₂ to 48,256 tCO ₂
Split			72.04%	10.29%	19.43%	As percentage of

¹ Based on replanting with different species to make up for land loss, the previous buffer contribution was slightly higher than 10% of the overall carbon benefits. This has been duly adjusted in this report.

						carbon benefits
Total (incl. 2015/2016 issuance)	61,296	238.5	49,037	6,130	6,130	Reduced to 10% voluntary buffer
Split			80.00%	10.00%	10.00%	

Hence, the additional Plan Vivo buffer contribution from the additional planting in 2015-2016 is 1,164 tCO₂, bringing the project in line with the 10% minimum requirement under the Plan Vivo Standard.

C3 Allocation of issuance request

Table 8: Allocation of issuance request

Buyer name/ Unsold Stock	No. PVCs transacted	Registry ID (if available) or Project ID if destined for Unsold Stock	Tech spec(s) associated with issuance
<i>ZeroMission</i>	1,431	100000000000432	<i>Mixed Species Forest Plantation</i>
<i>ZeroMission</i>	2,178	100000000000432	<i>Mixed Species Forest Plantation</i>
<i>Greenamity</i>	215	1030000000008481	<i>Mixed Species Forest Plantation</i>
<i>The Cochabamba Project (Unsold Stock)</i>	10,447	100000000000839	<i>Mixed Species Forest Plantation</i>
TOTAL	14,271		

C4 Data to support issuance request

Existing plantations were maintained and silvicultural management was applied as shown in the table below. To date, 7.95 ha have been removed from the project, bringing the total surface area, including the new 50.2 ha added in this period, to 238.5 ha. Maintained and new land added is detailed in Annex 1. In table 9 the total generated PVC are shown per strata.

Table 9: Tree species planted and average carbon stocks

Specie	Common name	Strata				Total average GHG removal (tCO2e)	Plan Vivo Buffer (tCO2e)	Retained by ArBolia (tCO2e)	Total PV certificates (tCO2e)
		Perennial	Grassland	Grassland with trees	Annual				
Buchenavia oxycarpa	Verdolago negro (pepa)	232	-	-	257	489	49	49	391
Calophyllum basiliense	Palo María	589	224	213	1.404	2.430	243	243	1.944
Cedrela fissilis	Cedro	-	-	-	5	5	0	0	4
Centrobium tomentosum	Tejeque	6.050	-	-	7.015	13.064	1.306	1.306	10.452
Dipteryx odorata	Almendrillo	4.283	-	-	5.373	9.656	966	966	7.725
Guarea rusby	Trompillo de altura	2.697	71	-	1.005	3.773	377	377	3.018
Hymenaea courbaril	Paquio	-	-	-	213	213	21	21	170
Schizolobium amazonicum	Serebo	889	-	-	1.112	2.001	200	200	1.601
Swietenia macrophylla	Mara	-	-	-	290	290	29	29	232
Tapirira guianensis	Palo román	1.134	-	15	3.504	4.653	465	465	3.722
Tectona Grandis	Teca	991	-	-	17.529	18.521	1.852	1.852	14.816
Terminalia amazonica	Verdolago negro (de ala)	569	-	208	905	1.682	168	168	1.346
Terminalia oblonga	Verdolago amarillo de ala	226	-	-	808	1.035	103	103	828
Virola flexuosa	Gabún	60	-	91	97	248	25	25	199
Total		18.457	400	527	41.912	61.296	6.130	6.130	49.037

Part D: Sales of Plan Vivo Certificates

D1: Sales of Plan Vivo Certificates

The implementing agency Sicirec Bolivia Ltda has transferred all Plan Vivo credits to the Cochabamba Project Ltd. In keeping with ArBolivia's philosophy of reciprocity, farmers are not subsequently subjected to the volatility of the voluntary carbon market and the IPS Cochabamba Project Ltda commits to funding all project activities, based on the real costs of implementing and maintaining the woodlots.

Table 10: Sales of Plan Vivo Certificates

Vintage	Buyer	No of PVCs	Price per PVC (\$)	Total sale amount (\$)	Price to participants per PVC (\$)	% Sale price received by participants
2011	Zero Mission	4063				69.39%
2011	Zero Mission	479				69.39%
2011	Greenamity	182				69.39%
2011	Ecology Building Society	339				69.39%
2011	Ecology Building Society	231				69.39%
Subtotal 2015/2016		5294				69.39%
Previous Subtotal to 31/12/14		33,358				69.39%
Total Cum.						69.39%

*Pricing reported for internal monitoring purposes only. Pricing information is removed from the final published document.

Part E: Monitoring results

E1: Ecosystem services monitoring

- Monitoring results for new land added

For more detailed information on new land added, please consult Annex 1.

Table 11: New land added in 2016

Farmer's name ²	Surface area planted (Ha)	Total tCO ₂ e	Not sold (buffer ArBolivia) tCO ₂ e	Buffer Plan Vivo (tCO ₂ e)	Saleable ex-ante tCO ₂ e
	0.07	16.1	1.6	1.6	12.9
	0.53	151.8	15.2	15.2	121.4
	0.02	4.6	0.5	0.5	3.7
	0.38	108.8	10.9	10.9	87.0
	0.30	85.9	8.6	8.6	68.7
	0.20	57.0	5.7	5.7	45.6
	1.00	230.5	23.1	23.1	184.4
	1.00	277.1	27.7	27.7	221.7
	3.00	908.5	90.9	90.9	726.8
	1.00	300.7	30.1	30.1	240.6
	4.00	913.5	91.4	91.4	730.8
	1.00	228.4	22.8	22.8	182.7
	0.20	42.5	4.2	4.2	34.0
	0.80	182.7	18.3	18.3	146.2
	0.10	21.2	2.1	2.1	17.0
	0.60	137.0	13.7	13.7	109.6
	0.30	68.5	6.9	6.9	54.8
	0.42	89.2	8.9	8.9	71.4
	0.08	22.7	2.3	2.3	18.2
	0.45	96.0	9.6	9.6	76.8
	0.05	14.3	1.4	1.4	11.4
	0.30	68.5	6.9	6.9	54.8
	0.70	198.9	19.9	19.9	159.1
	1.00	228.4	22.8	22.8	182.7
	1.00	248.3	24.8	24.8	198.6
	0.30	73.8	7.4	7.4	59.1
	0.50	123.1	12.3	12.3	98.5
	0.20	49.7	5.0	5.0	39.7
	1.00	230.5	23.1	23.1	184.4

² Due to data protection regulations, the names of farmers have been removed from the public version of this document

Farmer's name ²	Surface area planted (Ha)	Total tCO2e	Not sold (buffer ArBolivia) tCO2e	Buffer Plan Vivo (tCO2e)	Saleable ex-ante tCO2e
	1.00	228.4	22.8	22.8	182.7
	0.25	57.1	5.7	5.7	45.7
	1.05	315.7	31.6	31.6	252.6
	1.00	246.1	24.6	24.6	196.9
	0.40	113.7	11.4	11.4	90.9
	0.60	147.7	14.8	14.8	118.1
	1.30	322.8	32.3	32.3	258.2
	0.13	37.2	3.7	3.7	29.8
	0.37	91.9	9.2	9.2	73.5
	0.20	57.3	5.7	5.7	45.8
	0.35	100.2	10.0	10.0	80.2
	0.65	161.4	16.1	16.1	129.1
	0.02	5.7	0.6	0.6	4.6
	0.08	19.9	2.0	2.0	15.9
	0.11	31.3	3.1	3.1	25.0
	0.79	194.4	19.4	19.4	155.6
	0.18	51.2	5.1	5.1	40.9
	0.42	103.4	10.3	10.3	82.7
	0.02	4.6	0.5	0.5	3.7
	0.38	94.3	9.4	9.4	75.5
	1.00	228.4	22.8	22.8	182.7
	1.00	230.5	23.1	23.1	184.4
	1.00	230.5	23.1	23.1	184.4
	0.09	19.3	1.9	1.9	15.5
	0.16	36.9	3.7	3.7	29.5
	0.25	62.3	6.2	6.2	49.9
	0.20	45.7	4.6	4.6	36.5
	0.30	82.5	8.2	8.2	66.0
	0.10	23.1	2.3	2.3	18.4
	0.40	105.4	10.5	10.5	84.3
	1.00	230.5	23.1	23.1	184.4
	1.00	230.5	23.1	23.1	184.4
	2.00	461.0	46.1	46.1	368.8
	2.00	461.0	46.1	46.1	368.8
	0.70	184.4	18.4	18.4	147.6
	0.60	130.7	13.1	13.1	104.5
	0.55	461.0	46.1	46.1	368.8
	0.45	263.5	26.3	26.3	210.8
	0.40	114.2	11.4	11.4	91.4

Farmer's name ²	Surface area planted (Ha)	Total tCO2e	Not sold (buffer ArBolivia) tCO2e	Buffer Plan Vivo (tCO2e)	Saleable ex-ante tCO2e
	0.10	130.7	13.1	13.1	104.5
	1.00	230.5	23.1	23.1	184.4
	0.60	138.3	13.8	13.8	110.7
	1.00	230.5	23.1	23.1	184.4
	1.00	230.5	23.1	23.1	184.4
	0.50	115.3	11.5	11.5	92.2
	0.15	31.9	3.2	3.2	25.5
	0.10	22.8	2.3	2.3	18.3
	0.15	42.6	4.3	4.3	34.1
	0.20	42.5	4.2	4.2	34.0
	0.20	45.7	4.6	4.6	36.5
	0.20	56.8	5.7	5.7	45.5
	0.36	76.5	7.6	7.6	61.2
	0.72	204.6	20.5	20.5	163.7
	0.92	276.6	27.7	27.7	221.3
	50.20	13,039.9	1,304.0	1,164³	10,572

Existing plantations were maintained and silvicultural management was applied as shown in the table below. To date, 7.95 ha have been deemed to have failed, bringing the total surface area, including the 50.2 ha added this year, to 238.5 ha.

Table 12: Surface area maintained per community under the Plan Vivo Standard

Department	Municipality	Community	Surface area maintained (ha)	Farmer families with agreement
BENI	Reyes	Propiedad Privada	4.0	2
BENI	Reyes	San Jose	2.0	2
BENI	Rurrenabaque	Carmen Soledad	0.5	1
BENI	Rurrenabaque	Collana	4.8	5
BENI	Rurrenabaque	Colorado Bajo Nucleo 34	0.5	1
BENI	Rurrenabaque	Com. Villa Jichani	1.0	1
BENI	Rurrenabaque	El Bala	1.0	1
BENI	Rurrenabaque	El Cebu	2.0	2
BENI	Rurrenabaque	Los Tigres	1.5	2
BENI	Rurrenabaque	Nueva Esperanza	3.3	4

³ Due to changes in the overall project area and reallocations with different species, the project's previous buffer deduction exceeded 10%. As such, the buffer contribution from this issuance has been adjusted accordingly. Please refer to Annex 3 for more information.

Department	Municipality	Community	Surface area maintained (ha)	Farmer families with agreement
BENI	Rurrenabaque	Nuevos Horizontes	2.0	2
BENI	Rurrenabaque	Propiedad Privada	9.5	10
BENI	Rurrenabaque	San Bernardo	1.5	1
BENI	Rurrenabaque	San Miguel	0.9	1
BENI	Rurrenabaque	Ticala Linares	1.5	2
BENI	Rurrenabaque	Uncallamaya	0.5	1
BENI	San Borja	Borjanita	1.0	1
BENI	San Borja	Colonia Espontanea Sumaj Orko	0.5	1
BENI	San Borja	El Palmar	1.3	2
BENI	San Borja	Embocada	0.5	1
BENI	San Borja	Inca Suyu	2.0	3
BENI	San Borja	Marca Coroico	0.5	1
BENI	San Borja	Propiedad Privada	2.0	1
BENI	San Borja	San Juan	1.5	2
BENI	San Borja	Villa Borjana	2.0	2
BENI	San Borja	Villa Imperial	8.9	9
BENI	San Borja	Yacumita	5.6	6
COCHABAMBA	Chimoré	Litoral	1.5	1
COCHABAMBA	Chimoré	Senda A	5.0	1
COCHABAMBA	Chimoré	Senda C	1.0	1
COCHABAMBA	Chimoré	Senda Tres	8.0	2
COCHABAMBA	Puerto Villarroel	14 de Septiembre	1.0	1
COCHABAMBA	Puerto Villarroel	9 de Agosto	2.5	1
COCHABAMBA	Puerto Villarroel	Agro Sacta	1.5	1
COCHABAMBA	Puerto Villarroel	Alianza	3.9	1
COCHABAMBA	Puerto Villarroel	Gualberto Villarroel	8.6	7
COCHABAMBA	Puerto Villarroel	Maldonado	1.3	1
COCHABAMBA	Puerto Villarroel	San Lorenzo	1.0	1
COCHABAMBA	Puerto Villarroel	Valle Hermoso	30.4	11
COCHABAMBA	Puerto Villarroel	Valle Ivirza	2.0	2
COCHABAMBA	Puerto Villarroel	Villa Verde	6.6	4
COCHABAMBA	Shinahota	Bolivar	3.0	2
LA PAZ	San Buenaventura	25 de Mayo	8.8	9
LA PAZ	San Buenaventura	Bella Altura	2.5	2
LA PAZ	San Buenaventura	Bohemio	1.0	1
LA PAZ	San Buenaventura	Buena Vista	3.5	3
LA PAZ	San Buenaventura	Capaina	2.0	2
LA PAZ	San Buenaventura	Cinteño	1.7	2
LA PAZ	San Buenaventura	Colorado	1.7	2
LA PAZ	San Buenaventura	El Dorado	4.0	1

Department	Municipality	Community	Surface area maintained (ha)	Farmer families with agreement
LA PAZ	San Buenaventura	Esmeralda 1	0.8	1
LA PAZ	San Buenaventura	Everest	0.9	2
LA PAZ	San Buenaventura	Hurehuapo	10.9	9
LA PAZ	San Buenaventura	La Esmeralda	1.4	1
LA PAZ	San Buenaventura	Mayge	5.0	1
LA PAZ	San Buenaventura	Nueva Palestina	3.6	2
LA PAZ	San Buenaventura	Propiedad Privada	149	8
LA PAZ	San Buenaventura	San Isidro	7.0	5
LA PAZ	San Buenaventura	San Silvestre	6.1	6
LA PAZ	San Buenaventura	Santa Ana	8.5	5
LA PAZ	San Buenaventura	Tumupasa	14.7	13
			238.5	179

In the previous report the loss of 0.8 ha was reported. Early in 2014 another 2.25 ha were lost due to extreme floods. In the period 2015-2016 another 4.9 ha were lost, as shown in table 13.

Table 13: Total accumulated losses

PV	Department	Municipality	community	farmer	Surface Failed (Ha)	Comment
PV1	La Paz	San Buenave	Colorado		0,30	Reported in 2013, continues with smaller surface
PV1	La Paz	San Buenave	Everest		0,50	Will continue with smaller surface
PV2	Beni	San Borja	Borjanita		1,00	Farmer decided not to replant
PV2	Beni	Rurrenabaqu	Collana		1,00	Replanted but failed again, other part affected by High Voltage line
PV2	Beni	Rurrenabaqu	Collana		0,20	Will continue with smaller surface
PV2	Beni	Rurrenabaqu	El Bala		0,50	Reported in 2014, farmer decided not to continue
PV2	Beni	San Borja	El Palmar		0,70	Reported in 2014
PV2	Beni	Rurrenabaqu	Nueva Esperanza		0,18	Affected by High Voltage line, farmer will continue with smaller surface
PV2	Beni	Rurrenabaqu	Propiedad Privada		0,20	Planted 1 ha extra under PV2, but 0,2 ha of this failed
PV2	La Paz	San Buenave	Santa Ana		0,70	Farmer decided not to replant
PV2	La Paz	San Buenave	Tumupasa		0,50	Reported in 2014, no further replanting done
PV2	Beni	Rurrenabaqu	Villa El Carmen		0,50	Affected by High Voltage line, farmer will not continue. Replanting will be done in other area.
PV2	Beni	San Borja	Villa Imperial		0,50	Will continue with smaller surface
PV2	Beni	San Borja	Villa Imperial		0,75	0,3 ha where replanted in 2014 but failed again, farmer will continue with smaller surface
PV2	Beni	San Borja	Yacumita		0,32	Affected by High Voltage line, farmer will replant this in 2017
PV2	Beni	San Borja	Yacumita		0,10	Reported in 2014, farmer will continue with smaller surface
					7,95	

7.95 ha have been lost permanently, and have not been replanted. Another 12.95 ha has been lost since the start of the project in 2008, but was replanted during the same year or in the year after in the same plot and area dimensions, predominantly with a species with a higher tolerance range.

The 7.95 hectares of permanently lost plantations are reallocated in Plan Vivo3. The cumulative amount of carbon is calculated over the current existing and consolidated total surface area of plantations, established under PV1&2&3. For information on reallocation, please refer to Annex 2.

E2: Maintaining commitments

Farmers received several visits before and after planting and during the maintenance of the trees. All farmers receive instructions on how to plant and farmers also receive specific recommendations based on their specific site conditions, site-preparation (in case of establishment) and the quality of the plantation.

During the first two years, 6 evaluation visits of the plantations are foreseen, after that this is reduced to one per year. In some cases, the number of evaluation visits planned during the first two years has had to be deferred because of delays by the farmer in proceeding with certain recommendations. Training also takes place prior to the evaluations both on an individual base, as well as in groups.

The visits are carried out according to the following scheme:

1. During establishment process a number of recommendations are made. Compliance with these recommendations is checked 1 to 3 weeks afterwards. Although during site selection the coordinates are measured by GPS at the planning stage, the area finally planted is then re-measured, giving the exact coordinates (UTM WGS84) and surface area of each sector. Once introduced into the database a unique sector code is assigned (annex 1a). If any corrective work is required, the field technician checks that this work has been concluded satisfactorily and then is authorized to proceed with the payment due to the farmer, based on the surface area as measured and recorded.
2. Once the planned site visits have taken place, on-site training on maintenance of the plantations is given and after about 3 months a second evaluation takes place. Farmers will receive recommendations on how to carry out the maintenance if they have not yet done so

on their own initiative or if they have not done so according to the general instructions given to all farmers.

3. In the first year after planting two additional evaluation visits are carried out with the same purpose as the visits mentioned above and during the second year another two visits are carried out. After these evaluations are conducted once a year for payment purposes only. Prior to all evaluation visits on-site training and individual recommendations are given on the appropriate maintenance of the woodlots.

All the recommendations shown were subsequently implemented (albeit not always within the suggested time frame. Delays in completing the corrective action required or cases where, from a silvicultural point of view, activities could be deferred without undue consequences have meant that in some cases only 4 payments were made during the initial two year period.

- **Pest control:** Some pests, mainly ants, might attack the plantations and there is a need to apply biological pesticides. These products were either provided by ArBolivia or training was given on how to produce biological pesticides.
- **Cover crop:** Due to soil conditions farmers are advised to plant a leguminous cover crop, in which case appropriate seed is provided by ArBolivia
- **Weeding:** This is necessary in order to avoid excessive competition between weeds and trees.
- **Replanting:** This is recommended in all cases whenever mortality exceeds 20%, ArBolivia provides the plants and the farmer carries out the planting.
- **Pruning required:** Branches and shoots
- **Protection against cattle:** In cases where no fencing or insufficient fencing was in place before tree establishment or where the land use has changed (for example where one of the neighbours has decided to begin raising cattle) new fencing is necessary. ArBolivia provides a quantity of barbed wire, whilst the farmer provides the poles and any additional barbed wire as required.
- **Fertilization:** Organic fertilizers are used as required.
- **Fire control measures:** Wherever an elevated risk of forest fire has been identified, extra measures have been taken such as incorporating firebreaks, clearing the area of undergrowth and establishing cover crops.
- **Thinning required**
- **No recommendation:** No specific recommendations were necessary

For the elder plantations, most emphasis is made on pruning and thinning.

Table 14: Tree species planted and maintained per strata (surface area in Ha)

Specie	Common name	Strata				Total surface (ha)
		Perennial	Grassland	Grassland with trees	Annual	
Buchenavia oxycarpa	Verdolago negro (pepa)	1,0	-	-	1,1	2,1
Calophyllum basiliense	Palo María	2,8	1,1	1,0	6,5	11,4
Cedrela fissilis	Cedro	-	-	-	0,0	0,0
Centrolobium tomentosum	Tejeyaque	26,4	-	-	29,0	55,4
Dipteryx odorata	Almendrillo	15,6	-	-	19,1	34,7
Guarea rusby	Trompillo de altura	9,5	0,3	-	3,5	13,3
Hymenaea courbaril	Paquío	-	-	-	0,9	0,9
Schizolobium amazonicum	Serebo	3,6	-	-	4,5	8,1
Stryphnodendron purpureum	Palo yugo	2,5	0,4	-	8,1	11,1
Swietenia macrophylla	Mara	-	-	-	0,1	0,1
Tapirira guianensis	Palo román	3,8	-	0,1	11,8	15,6
Tectona Grandis	Teca	4,0	-	-	70,2	74,2
Terminalia amazonica	Verdolago negro (de ala)	2,1	-	0,8	3,2	6,0
Terminalia oblonga	Verdolago amarillo de ala	1,0	-	-	3,5	4,5
Virola flexuosa	Gabún	0,3	-	0,5	0,5	1,2
Total		72,5	1,7	2,3	162,1	238,5

E3: Socioeconomic monitoring

Project is registered under the 2008 version of the Standard, it is not required to carry out socio-economic monitoring.

Annual meetings with the 9 forestry committees are used to monitor social acceptance, social embedding, potential problems, and capacity building needs, and take action if necessary. An indepth social impact analysis is scheduled for for 2018.

E4: Environmental and biodiversity monitoring

Environmental and biodiversity impact evaluation was done in 2013 and will be repeated according schedule in 2018. However, during regular site-evaluations, environmental impact are reported as well. Field staff are trained to report on environmental problems in case this occurs (see forms in the TS). Report is available on request.

Part G: Payments for Ecosystem Services

G1: Summary of PES by year

In accordance with the PDD, the contract signed between the farmers and the project stipulates that the farmers will transfer their rights regarding the sale of carbon-credits to Sicirec Bolivia Ltda. Sicirec transfers these rights to the investors in the project, The IPS-Cochabamba Project Ltd. The Cochabamba Project Ltd in turn guarantees that the revenues it obtains for the carbon-credits will be transferred to the farmers as part of the total investment capital of the project. More specifically carbon revenues will be used to make staged payments to the farmers for the establishment and maintenance of plantations and in addition the farmers receive in kind benefits, for example in the form of barbed wire and agroforestry plants and seed for cover crops. These payments are made periodically according to the fulfilment of specific monitoring targets rather than as and when certificates are sold.

In accordance with the provisions established in the PDD, if the revenues for carbon credits cannot cover these payments, the project manager (SICIREC Bolivia Ltda) is obliged to cover the deficit. The Cochabamba Project Ltd has undertaken to cover any such deficit as part of its overall investment commitment.

Table 15: Payment Schedule to Farmers

No Verif	Moment of Payment	Number of farmers	Surface (ha)	Total Amount (Bs)	Total Amount USD (Aprox)
V-01	Establishment	183	245,8	155.311	22.640,12
V-02	Maintenance 1 (after aprox 3 months)	183	245,8	81.139	11.827,90
V-03	Maintenance 2 (after > 6 months)	179	241,8	84.605	12.333,03
V-04	Maintenance 3 (after > 10 months)	175	235,5	85.056	12.398,77
V-05	Maintenance 4 (after > 14 months)	174	231,2	84.467	12.313,04
V-06	Maintenance 5 (after > 20 months)	171	228,0	82.785	12.067,81
V-07	Maintenance 6 (after > 26 months)	168	225,3	87.183	12.708,96
V-08	Maintenance 7 (after > 36 months)	162	219,8	88.794	12.943,74
V-09	Maintenance 8 (after > 48 months)	149	191,0	78.382	11.425,90
V-10	Maintenance 9 (after > 60 months)	103	123,2	45.864	6.685,79
V-11	Maintenance 10 (after > 72 months)	51	37,7	16.154	2.354,79
V-12	Maintenance 11 (after > 84 months)	8	3,8	1.574	229,44
Total				891.315	129.929,30

**includes tax according Bolivian tax-regulations*

Cash payments amounting to the equivalent of 129,929 USD, have been made to farmers during the reporting period. In addition, farmers have received citrus and cacao plants to the value of

25,389 USD and seed for leguminous species of cover crops for the purposed of soil improvement to the value of 500 USD. A total of 176 farmers received 491 rolls of barbed wire with a value of 28,672 USD. Farmers receive barbed wire when there is a need to protect the young plantations against invasion by cattle.

Total direct payments and input additional to plantations costs is therefore **184,490 USD**. Additional to this farmers received planting material and assessment which is not taken into account in this table.

Table 16: Summary of direct 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
PV1 (<2013)	35,845	5,893	41,738	N/A	N/A
PV2 (2014)	53,584	11,597	65,181	N/A	N/A
PV3 (2015/2016)		23,010	23,010	N/A	N/A
TOTAL	\$89,429	\$40,500	\$ 129,929		

Table 16a: Summary of in kind 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
PV1 (<2013)	12,063	-	12,063	N/A	N/A
PV2 (2014)	25,132	2,092	27,223	N/A	N/A
PV3 (2015/2016)		3,862	15,274	N/A	N/A
TOTAL	\$37,195	\$5,954	\$54,561		

Part H: Ongoing participation

H1: Recruitment

All farmers required in this period are listed in Annex 2 of this report.

No active recruitment has taken place, since the demand for participation in the ArBolivia project is higher than what is within the financial capacity of the project. If farmers demonstrate their interest they are invited, whether by project staff, but as well by other farmers to a regular assembly of the forestry committee, in which they receive information on the project. Farmers name is noted on a list. After the meeting site-visits take place to each of the farmers. First step is to check the legal status, the motivation and purpose to plant trees of the whole family. Part of this consultation on family level is as well the recollection of information on current and future land use, and how they see the role of trees. Other part of the consultation is to define the amount of labour available to do the tree-planting and maintenance of the trees later on. Based on this an integrated farm land use plan is made, and a decision is taken on the surface area and the specific sites available for tree planting, followed by a site/species matching assessment. Final selection of farmers is based on, equal geographic distribution among the project region, availability of tree species suitable for the site the farmer wants to assign, availability of time and in order of the time the farmer family is on the list.

H2: Project Potential

The project has a high presence in the area and works closely with the farmers, partly through individual visits to the farmers but also through coordination with the farmer federation and the organisation of indigenous people. In order to implement the project activities, it is mandatory to consult and have agreements in place with Community and/or local organizations depending on the authority of the organisation and the scope of the issues concerned.

The project is coordinating with the farmers organisation FESPAI (Northern La Paz), FEPAY, FECAR (Beni) and FECCT, FCIC, FUCU (Cochabamba Tropics) and as well with the indigenous organisations: Council of Indigenous Tacana People (CIPTA).

With the authorisation and help of the farmers' federation and the Council of Indigenous Tacana People, 9 forestry committees are currently operating in the Plan Vivo areas. The forestry committees as well as the communities play an active role in training, decision-, strategy-, and policymaking. In table 17 below the Forestry committees are shown for each community. In the Cochabamba region, it is the communities and the federations rather than specific forestry committees, who are involved in decision-, strategy-, and policymaking.

Committees are organised according to their documented internal rules and procedures, which were originally approved at a meeting attended by all the farmers. All committees have a board of 4 members of which 2 represent ArBolivia and 2 represent the communities. Board meetings take place at least every 2 months and here the members representing ArBolivia give an update of the situation on completed and planned activities and quality of the plantations. If there are any problems raised whereby ArBolivia has failed in its commitment to the farmer, these are discussed at this meeting. Similarly, if there are farmers and fieldworkers, who have been having problems with each other in the field and these problems could not be solved between themselves, then a solution is sought by the committee. If necessary a visit to the farm by one of the farmer members of the board and the field worker is arranged. In the general meeting board members representing the farmers inform the farmers about the results of the activities, measures taken and measures which should be taken, as well as all the strategies and activities programmed over the period until the next meeting. Once a year, ArBolivia presents both a financial and a technical report to each of the forestry committees.

During 2015/2016 the forestry committees together with the FECAR and FEPAY played a crucial role in the negotiations with the electricity company ENDE, see section A2.

Table 17: Community, farmer organisation and Forestry Committees

Department	Municipality	Community	Organisation	Forestry committee	Surface area maintained (ha)	Farmer families with agreement
BENI	Reyes	Propiedad Privada	Otro	Tamarindo	4,0	2
BENI	Reyes	San Jose	FECAR	Tamarindo	2,0	2
BENI	Rurrenabaque	Carmen Soledad	CIPTA	Almendrillo	0,5	1
BENI	Rurrenabaque	Collana	FECAR	La Tecas	4,8	5
BENI	Rurrenabaque	Colorado Bajo Nucl.34	FECAR	La Tecas	0,5	1
BENI	Rurrenabaque	Com. Villa Jichani	FECAR	La Tecas	1,0	1
BENI	Rurrenabaque	El Bala	FECAR	La Tecas	1,0	1
BENI	Rurrenabaque	El Cebu	FECAR	12 de Junio	2,0	2
BENI	Rurrenabaque	Los Tigres	FECAR	12 de Junio	1,5	2
BENI	Rurrenabaque	Nueva Esperanza	FECAR	12 de Junio	3,3	4
BENI	Rurrenabaque	Nuevos Horizontes	FECAR	12 de Junio	2,0	2
BENI	Rurrenabaque	Propiedad Privada	FECAR	Otro	9,5	10
BENI	Rurrenabaque	San Bernardo	FECAR	La Tecas	1,5	1
BENI	Rurrenabaque	San Miguel	FECAR	Ambiente Sano	0,9	1
BENI	Rurrenabaque	Ticala Linares	FECAR	La Tecas	1,5	2
BENI	Rurrenabaque	Uncallamaya	FECAR	La Tecas	0,5	1
BENI	San Borja	Borjanita	FEPAY	Ambiente Sano	1,0	1
BENI	San Borja	Sumaj Orko	FEPAY	Otro	0,5	1
BENI	San Borja	El Palmar	FEPAY	Ambiente Sano	1,3	2
BENI	San Borja	Embocada	FEPAY	Otro	0,5	1
BENI	San Borja	Inca Suyu	FEPAY	Ambiente	2,0	3

Department	Municipality	Community	Organisation	Forestry committee	Surface area maintained (ha)	Farmer families with agreement
				Sano		
BENI	San Borja	Marca Coroico	FEPAY	Ambiente Sano	0,5	1
BENI	San Borja	Propiedad Privada	FEPAY	Ambiente Sano	2,0	1
BENI	San Borja	San Juan	FEPAY	Ambiente Sano	1,5	2
BENI	San Borja	Villa Borjana	FEPAY	Ambiente Sano	2,0	2
BENI	San Borja	Villa Imperial	FEPAY	Ambiente Sano	8,9	9
BENI	San Borja	Yacumita	FEPAY	Ambiente Sano	5,6	6
COCHABAMB A	Chimoré	Litoral	FCIC	Otro	1,5	1
COCHABAMB A	Chimoré	Senda A	FCIC	Otro	5,0	1
COCHABAMB A	Chimoré	Senda C	FCIC	Otro	1,0	1
COCHABAMB A	Chimoré	Senda Tres	FCIC	Otro	8,0	2
COCHABAMB A	Puerto Villarroel	14 de Septiembre	FECCT	Otro	1,0	1
COCHABAMB A	Puerto Villarroel	9 de Agosto	FECCT	Otro	2,5	1
COCHABAMB A	Puerto Villarroel	Agro Sacta	FECCT	Otro	1,5	1
COCHABAMB A	Puerto Villarroel	Alianza	FECCT	Otro	3,9	1
COCHABAMB A	Puerto Villarroel	Gualberto Villarroel	FECCT	Otro	8,6	7
COCHABAMB A	Puerto Villarroel	Maldonado	FECCT	Otro	1,3	1
COCHABAMB A	Puerto Villarroel	San Lorenzo	FECCT	Otro	1,0	1
COCHABAMB A	Puerto Villarroel	Valle Hermoso	FECCT	Otro	30,4	11
COCHABAMB A	Puerto Villarroel	Valle Ivirza	FECCT	Otro	2,0	2
COCHABAMB A	Puerto Villarroel	Villa Verde	FECCT	Otro	6,6	4
COCHABAMB A	Shinahota	Bolivar	FUCU	Otro	3,0	2
LA PAZ	San Buenaventura	25 de Mayo	FESPAI	Gabu	8,8	9
LA PAZ	San Buenaventura	Bella Altura	CIPTA	Tacana	2,5	2
LA PAZ	San Buenaventura	Bohemio	FESPAI	Otro	1,0	1
LA PAZ	San Buenaventura	Buena Vista	CIPTA	Tacana	3,5	3
LA PAZ	San Buenaventura	Capaina	CIPTA	Tacana	2,0	2
LA PAZ	San Buenaventura	Cinteño	FESPAI	Madidi	1,7	2
LA PAZ	San Buenaventura	Colorado	FESPAI	Otro	1,7	2
LA PAZ	San Buenaventura	El Dorado	FESPAI	Madidi	4,0	1
LA PAZ	San	Esmeralda 1	FESPAI	Gabu	0,8	1

Department	Municipality	Community	Organisation	Forestry committee	Surface area maintained (ha)	Farmer families with agreement
	Buenaventura					
LA PAZ	San Buenaventura	Everest	FESPAI	Gabu	0,9	2
LA PAZ	San Buenaventura	Hurehuapo	FESPAI	Madidi	10,9	9
LA PAZ	San Buenaventura	La Esmeralda	FESPAI	Gabu	1,4	1
LA PAZ	San Buenaventura	Mayge	FESPAI	Otro	5,0	1
LA PAZ	San Buenaventura	Nueva Palestina	FESPAI	Otro	3,6	2
LA PAZ	San Buenaventura	Propiedad Privada	FESPAI/ CITPA	Gabu; Madidi, Mara	14,9	8
LA PAZ	San Buenaventura	San Isidro	FESPAI	Gabu	7,0	5
LA PAZ	San Buenaventura	San Silvestre	CIPTA	Mara	6,1	6
LA PAZ	San Buenaventura	Santa Ana	FESPAI	Gabu	8,5	5
LA PAZ	San Buenaventura	Tumupasa	CIPTA	Mara	14,7	13
					238,5	179

H3: Community participation

Forestry Committees" constitute the primary formal mechanism for engagement of smallholders in discussion of the project goals and implementation. These committees are established within the pre-existing grassroots political mechanism which defines the smallholder communities, their „sindicato" (union). The internal regulation document explicitly describes the role of the committees, as well as their constituent parts and operations. Mechanisms for the resolution of conflicts between the project management and smallholders are also described therein.

Since the start of the project 23 forestry committees are established, 9 of these committees are formed by PV-farmers.:

As a minimum, the members of a forestry committee have a general assembly, twice a year: All 9 committees had their assemblies during the reporting period:

The agenda for the meetings is mainly the same:

- Opening
- List of attendance (every member signs the presence list).
- Reading and approval of minutes of the last assembly
- Clarification on the project, or if required due to the presence of new or potential interested farmers a full explanation is given of the project.

- Clarifications on grievance mechanisms
- Report of the board
 - State of the plantations,
 - New members,
 - Report on conflicts, grievance (if any)
- Grievance and other comments of the assembly
- Discussion and input for Sustainable Development goals of the project
- Report of staff members of the project
 - State of the plantations, based on monitoring report
 - Solution given to conflicts and grievance (if there where over the last period)
 - Planning of activities for the coming period

- Election of new board members
- Miscellaneous
- Closure

After the assembly courses have been held on legal aspects of plantations, plantation management, thinnings, as well in business and marketing.

Part I: Project operating costs

The Plan Vivo parcels are part of the wider ArBolivia project. A cost estimation was made for the 238,5 ha based on the total expenses of the project. In Table 18 a cost specification is given.

Total expenses per hectare are approximately 4,500 USD/ha. Plantations are on average 6.4 years old. A breakdown of the costs is shown in table 19. Costs per hectare can be reduced considerably if the scale of the project were to be extended. Costs for personnel are mainly related to training for the farmers.

Table 18: Cumulative break down of cost

Item	Total (USD)	Cost/ha (USD)
Promotion, organisational strengthening	47.586	200
Payments	129.929	545
Agroforestry	25.889	109
Barbwire	28.672	120
Seedlings	126.893	532
Personnel	514.959	2.159
Transport of plants	46.461	195
Operational costs	38.444	161
Logistics	23.850	100
Tools/equipment	46.495	195
Taxes	56.341	236
Total	1.085.520	4.551

Table 19: break down of cost 2015 -2016

Item	Total (USD)
Promotion, organisational strengthening	16.666
Payments	41.210
Agroforestry	2.644
Barbwire	14.722
Seedlings	41.689
Personnel	83.359
Transport of plants	4.709
Operational costs	4.938
Logistics	4.650
Tools/equipment	11.395
Taxes	7.591
Total	233.574

Annex 1. Monitoring results underlying issuance request

						Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)								
PV	Municipality	Community	Farmers name	Unique sector code	Tree specie planted	Perennial (tCO2e/ Ha)	Grassland (tCO2e/ Ha)	Grassland with trees (tCO2e/ha)	Annual (tCO2e /Ha)	Surface area planted (Ha)	Perennial	Grassland	Grassland with trees	Annual	Total tCO2e	Not sold (buffer ArBolivia) tCO2e	Buffer Plan Vivo (tCO2e)	For Sale ex ante tCO2e	Remark
PV3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S1-P1	Centrolobium tomentosum	228	229	229	231	0,07	-	-	-	16,1	16,14	2	2	13	ok
PV3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S1-P1	Guarea rusby	284	285	285	286	0,53	-	-	-	151,8	151,75	15	15	121	ok
PV3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S2-P2	Centrolobium tomentosum	228	229	229	231	0,02	-	-	-	4,6	4,61	0	0	4	ok
PV3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S2-P2	Guarea rusby	284	285	285	286	0,38	-	-	-	108,8	108,80	11	11	87	ok
PV3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S3-P3	Guarea rusby	284	285	285	286	0,30	-	-	-	85,9	85,90	9	9	69	ok
PV3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S4-P4	Guarea rusby	284	285	285	286	0,20	-	57,0	-	-	57,01	6	6	46	ok
PV3	Chimoré	Senda A		CBA-CRO-CHR-SDA-54-S1-P1	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	Chimoré	Senda A		CBA-CRO-CHR-SDA-54-S2-P2	Dipteryx odorata	275	276	276	277	1,00	-	-	-	277,1	277,08	28	28	222	ok
PV3	Chimoré	Senda A		CBA-CRO-CHR-SDA-54-S3-P3	Centrolobium tomentosum	228	229	229	231	-	-	-	-	-	-	-	-	-	Failed r
PV3	Chimoré	Senda A		CBA-CRO-CHR-SDA-54-S3-P3	Tapirira guianensis	301	302	302	303	3,00	-	-	-	908,5	908,52	91	91	727	Replan ted
PV3	Chimoré	Senda C		CBA-CRO-CHR-SDC-18;19-S1-P1	Tapirira guianensis	301	302	302	303	1,00	300,7	-	-	-	300,69	30	30	241	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-48-S1-P1	Centrolobium tomentosum	228	229	229	231	4,00	913,5	-	-	-	913,51	91	91	731	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-48-S2-P2	Centrolobium tomentosum	228	229	229	231	1,00	228,4	-	-	-	228,38	23	23	183	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-	Calophyllum					0,20	42,5	-							ok

PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S2-P1	Calophyllum brasiliense	212	213	213	215	0,10	21,2	-	-	-	21,25	2	2	17	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S2-P1	Centrolobium tomentosum	228	229	229	231	0,60	137,0	-	-	-	137,03	14	14	110	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S3-P3	Centrolobium tomentosum	228	229	229	231	0,30	68,5	-	-	-	68,51	7	7	55	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S4-P4	Calophyllum brasiliense	212	213	213	215	0,42	89,2	-	-	-	89,24	9	9	71	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S4-P4	Guarea rusby	284	285	285	286	0,08	22,7	-	-	-	22,73	2	2	18	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S5-P5	Calophyllum brasiliense	212	213	213	215	0,45	-	96,0	-	-	96,01	10	10	77	ok
PV3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S5-P5	Guarea rusby	284	285	285	286	0,05	-	14,3	-	-	14,25	1	1	11	ok
PV3	Puerto Villarroel	14 de Septiembre		CBA-CRO-PVR-14S-005-S1-P1	Centrolobium tomentosum	228	229	229	231	0,30	68,5	-	-	-	68,51	7	7	55	ok
PV3	Puerto Villarroel	14 de Septiembre		CBA-CRO-PVR-14S-005-S1-P1	Guarea rusby	284	285	285	286	0,70	198,9	-	-	-	198,92	20	20	159	ok
PV3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-05-S1-P1	Centrolobium tomentosum	228	229	229	231	1,00	228,4	-	-	-	228,38	23	23	183	ok
PV3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-01-S1-P1	Schizolobium amazonicum	246	247	247	248	1,00	-	-	-	248,3	248,28	25	25	199	ok
PV3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-001-S3-P3	Schizolobium amazonicum	246	247	247	248	0,30	73,8	-	-	-	73,84	7	7	59	ok
PV3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-001-S4-P4	Schizolobium amazonicum	246	247	247	248	0,,	123,1	-	-	-	123,07	12	12	98	ok
PV3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-001-S5s-P5r	Schizolobium amazonicum	246	247	247	248	0,20	-	-	-	49,7	49,66	5	5	40	ok
PV3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-47-S3-P3	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-103-S1-P1	Centrolobium tomentosum	228	229	229	231	1,00	228,4	-	-	-	228,38	23	23	183	ok
PV3	Puerto Villarroel	Maldonado		CBA-CRO-PVR-MAL-001-S1-P1	Centrolobium tomentosum	228	229	229	231	0,25	57,1	-	-	-	57,09	6	6	46	ok
PV3	Puerto Villarroel	Maldonado		CBA-CRO-PVR-MAL-001-S1-P1	Tapirira guianensis	301	302	302	303	1,05	315,7	-	-	-	315,73	32	32	253	ok
PV3	Puerto Villarroel	San Lorenzo		CBA-CRO-PVR-SLO-10-S1-P1	Schizolobium amazonicum	246	247	247	248	1,00	246,1	-	-	-	246,14	25	25	197	ok
PV3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-10-S1-P1	Guarea rusby	284	285	285	286	0,40	113,7	-	-	-	113,67	11	11	91	ok
PV3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-10-S1-P1	Schizolobium amazonicum	246	247	247	248	0,60	147,7	-	-	-	147,68	15	15	118	ok
PV3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-27-S4-P4	Schizolobium amazonicum	246	247	247	248	1,30	-	-	-	322,8	322,77	32	32	258	ok

PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-27-S5-P5	Guarea rusby	284	285	285	286	0,13	-	-	-	37,2	37,22	4	4	30	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-27-S5-P5	Schizolobium amazonicum	246	247	247	248	0,37	-	-	-	91,9	91,86	9	9	73	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-27-S6s-P6r	Guarea rusby	284	285	285	286	0,20	-	-	-	57,3	57,26	6	6	46	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-27-S7-P7	Guarea rusby	284	285	285	286	0,35	-	-	-	100,2	100,21	10	10	80	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-27-S7-P7	Schizolobium amazonicum	246	247	247	248	0,65	-	-	-	161,4	161,38	16	16	129	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-38-S3-P3	Guarea rusby	284	285	285	286	0,02	-	-	-	5,7	5,73	1	1	5	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-38-S3-P3	Schizolobium amazonicum	246	247	247	248	0,08	-	-	-	19,9	19,86	2	2	16	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-38-S4-P4	Guarea rusby	284	285	285	286	0,11	31,3	-	-	-	31,26	3	3	25	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-38-S4-P4	Schizolobium amazonicum	246	247	247	248	0,79	194,4	-	-	-	194,45	19	19	156	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-38-S5-P5	Guarea rusby	284	285	285	286	0,18	51,2	-	-	-	51,15	5	5	41	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-38-S5-P5	Schizolobium amazonicum	246	247	247	248	0,42	103,4	-	-	-	103,38	10	10	83	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-11-S5-P5	Centrolobium tomentosum	228	229	229	231	0,02	-	-	-	4,6	4,61	0	0	4	ok
PV3	Puerto Villaruel	Valle Hermoso		CBA-CRO-PVR- VHM-11-S5-P5	Schizolobium amazonicum	246	247	247	248	0,38	-	-	-	94,3	94,35	9	9	75	ok
PV3	Puerto Villaruel	Valle Ivirza		CBA-CRO-PVR- VIZ-15-S4-P1	Centrolobium tomentosum	228	229	229	231	1,00	228,4	-	-	-	228,38	23	23	183	ok
PV3	Puerto Villaruel	Valle Ivirza		CBA-CRO-PVR- VIZ-80-S1-P1	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	Puerto Villaruel	Villa Verde		CBA-CRO-PVR- VVD-042-S1-P1	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ- RUP-11-S 1-P1	Calophyllum brasiliense	212	213	213	215	0,09	-	-	-	19,3	19,32	2	2	15	ok
PV3	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ- RUP-11-S 1-P1	Centrolobium tomentosum	228	229	229	231	0,16	-	-	-	36,9	36,88	4	4	30	ok
PV3	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ- RUP-11-S 1-P1	Tectona grandis	247	248	248	249	0,25	-	-	-	62,3	62,35	6	6		ok
PV3	San Borja	Colonia Espontanea Sumaj Orko		BEN-JBA-SBJ- CES-11-S1-P1	Centrolobium tomentosum	228	229	229	231	0,20	45,7	-	-	-	45,68	5	5	37	ok
PV3	San Borja	Colonia Espontanea Sumaj Orko		BEN-JBA-SBJ- CES-11-S1-P1	Dipteryx odorata	275	276	276	277	0,30	82,5	-	-	-	82,48	8	8	66	ok
PV3	San Borja	Villa Imperial		BEN-JBA-SBJ- IMP-026-S 1-P1	Centrolobium tomentosum	228	229	229	231	0,10	-	-	-	23,1	23,05	2	2	18	ok

PV3	San Borja	Villa Imperial		BEN-JBA-SBJ-IMP-026-S 1-P1	Stryphnodendron purpureum	261	262	262	263	0,40	-	-	-	105,4	105,39	11	11	84	ok
PV3	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-038-S1-P1	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	San Buenaventura	Bohemio		LPZ-ITU-SBV-BOH-022-S1-P1	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	San Buenaventura	El Dorado		LPZ-ITU-SBV-EDR-1-S1-P1	Centrolobium tomentosum	228	229	229	231	2,00	-	-	-	461,0	461,05	46	46	369	ok
PV3	San Buenaventura	El Dorado		LPZ-ITU-SBV-EDR-1-S1-P2	Centrolobium tomentosum	228	229	229	231	2,00	-	-	-	461,0	461,05	46	46	369	ok
PV3	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-10-S1-P1	Stryphnodendron purpureum	261	262	262	263	0,70	-	-	-	184,4	184,44	18	18	148	ok
PV3	San Buenaventura	La Esmeralda		LPZ-ITU-SBV-LEM-7-S4-P1	Stryphnodendron purpureum	261	262	262	263	0,60	130,7	-	-	-	130,67	13	13	105	ok
PV3	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-33-S8-P1	Centrolobium tomentosum	228	229	229	231	0,55	-	-	-	461,0	461,05	46	46	369	Replanned
PV3	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-33-S8-P1	Centrolobium tomentosum					-	-	-	-	-	-	-	-	-	Failed
PV3	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-33-S8-P1	Stryphnodendron purpureum	261	262	262	263	0,45	-	-	-	263,5	263,48	26	26	211	Replanned
PV3	San Buenaventura	San Silvestre		LPZ-ITU-SBV-SSR-1-S1-P1	Centrolobium tomentosum	228	229	229	231	0,40	114,2	-	-	-	114,19	11	11	91	ok
PV3	San Buenaventura	San Silvestre		LPZ-ITU-SBV-SSR-1-S1-P1	Stryphnodendron purpureum	261	262	262	263	0,10	130,7	-	-	-	130,67	13	13	105	ok
PV3	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-04-S2-P1	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-002-S4-P2	Centrolobium tomentosum	228	229	229	231	0,60	-	-	-	138,3	138,31	14	14	111	ok
PV3	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-48-VS4-PV1	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-19-S 5-P2	Centrolobium tomentosum	228	229	229	231	1,00	-	-	-	230,5	230,52	23	23	184	ok
PV3	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-50-S 2-P2	Centrolobium tomentosum	228	229	229	231	0,50	-	-	-	115,3	115,26	12	12	92	ok
PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S1-P1	Calophyllum brasiliense	212	213	213	215	0,15	31,9	-	-	-	31,87	3	3	25	ok
PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S1-P1	Centrolobium tomentosum	228	229	229	231	0,10	22,8	-	-	-	22,84	2	2	18	ok
PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S1-P1	Guarea rusby	284	285	285	286	0,15	42,6	-	-	-	42,63	4	4	34	ok
PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S2-P2	Calophyllum brasiliense	212	213	213	215	0,20	42,5	-	-	-	42,49	4	4	34	ok
PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S2-P2	Centrolobium tomentosum	228	229	229	231	0,20	45,7	-	-	-	45,68	5	5	37	ok

PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S2-P2	Guarea rusby	284	285	285	286	0,20	56,8	-	-	-	56,83	6	6	45	ok
PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-109-S1-P1	Calophyllum brasiliense	212	213	213	215	0,36	76,5	-	-	-	76,49	8	8	61	ok
PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-109-S1-P1	Guarea rusby	284	285	285	286	0,72	204,6	-	-	-	204,61	20	20	164	ok
PV3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-109-S1-P1	Tapirira guianensis	301	302	302	303	0,92	276,6	-	-	-	276,64	28	28	221	ok
Total										50,2	5.720,3	167,3	-	7.152,1	13.039,9	1.303,9	1.164,1	10.572,0	

Annex 2. Ongoing monitoring results for all participants

PV	Municipality	Community	Farmers name ⁵	Unique sector code	Tree specie planted	Perennial (tCO ₂ e/Ha)	Grassland (tCO ₂ e/Ha)	Grassland with trees (tCO ₂ e/ha)	Annual (tCO ₂ e/Ha)	Surface area planted (Ha)	Perennial	Grassland	Grassland with trees	Annual	Total tCO ₂ e	Not sold (buffer ArBolívia) tCO ₂ e	Buffer Plan Vivo (tCO ₂ e)	For Sale ex ante tCO ₂ e	Remark
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-018-S1-P1	Tapiriraguianensis	301	302	302	303	0.10	-	-	-	30.3	30.28	3	3	24	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-018-S1-P1	Tectonagrandis	247	248	248	249	0.90	-	-	-	224.4	224.44	22	22	180	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-0003-S1-P1	Tectonagrandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-08-S2-P1	Dipteryx odorata	275	276	276	277	0.50	-	-	-	138.5	138.54	14	14	111	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-08-S2-P2	Centropomum tomentosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-08-S2-P3	Centropomum tomentosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-004-S1-P1a	Tectonagrandis	247	248	248	249	0.70	-	-	-	174.6	174.57	17	17	140	ok

⁵ Due to data protection regulations, the names of farmers have been removed from the public version of this document

PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-19-S1-P1	Dipteryx odorata	275	276	276	277	1.00	-	-	-	277.1	277.08	28	28	222	Replanted
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-03-S1-P1	Cedrela fissilis	228	229	229	231	0.02	-	-	-	4.6	4.61	0	0	4	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-03-S1-P1	Swietenia macrophylla	228	229	229	231	0.03	-	-	-	6.9	6.92	1	1	6	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-03-S1-P1	Tectona grandis	247	248	248	249	1.05	-	-	-	261.9	261.85	26	26	209	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-029-S1-P1a	Tapirira guianensis	301	302	302	303	0.16	-	-	-	48.5	48.45	5	5	39	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-029-S1-P1a	Tectona grandis	247	248	248	249	0.34	-	-	-	84.8	84.79	8	8	68	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-32-S1-P1	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 1	San Buenaventura	25 de Mayo		LPZ-ITU-SBV-25M-32-S1-P2	Buchanania oxycarpa	232	233	233	234	0.50	-	-	-	117.0	117.01	12	12	94	ok
PV 1	San Buenaventura	Bella Altura		LPZ-ITU-SBV-BAT-09-S1-PV2	Calophyllum brasiliense	212	213	213	215	0.50	-	-	-	107.3	107.31	11	11	86	ok
PV 1	San Buenaventura	Bella Altura		LPZ-ITU-SBV-BAT-01-S1-P1	Strychnodendron purpureum	261	262	262	263	0.20	-	-	-	52.7	52.70	5	5	42	ok
PV 1	San Buenaventura	Bella Altura		LPZ-ITU-SBV-BAT-01-S1-P1	Tapirira guianensis	301	302	302	303	0.34	-	-	-	103.0	102.97	10	10	82	ok

PV 1	San Buenaventura	Bella Altura		LPZ-ITU-SBV-BAT-01-S1-P1	Terminalia oblonga	226	227	227	228	0.46	-	-	-	105.0	105.05	11	11	84	ok
PV 1	San Buenaventura	Bella Altura		LPZ-ITU-SBV-BAT-01-S2-P2	Dipteryx odorata	275	276	276	277	1.00	-	-	-	277.1	277.08	28	28	222	ok
PV 1	San Buenaventura	Buena Vista		LPZ-ITU-SBV-BNT-51-S1-P1	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Buena Vista		LPZ-ITU-SBV-BNT-017-S4-P3	Strychnodendron purpureum	261	262	262	263	0.45	-	-	-	118.6	118.57	12	12	95	ok
PV 1	San Buenaventura	Buena Vista		LPZ-ITU-SBV-BNT-017-S4-P3	Tapiriguania	301	302	302	303	0.05	-	-	-	15.1	15.14	2	2	12	ok
PV 1	San Buenaventura	Buena Vista		LPZ-ITU-SBV-BNT-19-S1-P1	Centrobium tomentosum	228	229	229	231	2.00	-	-	-	461.0	461.05	46	46	369	ok
PV 1	San Buenaventura	Capaina		LPZ-ITU-SBV-COP-04-S1-P1	Terminalia oblonga	226	227	227	228	1.00	226.2	-	-	-	226.22	23	23	181	ok
PV 1	San Buenaventura	Capaina		LPZ-ITU-SBV-COP-03-S1-P1	Strychnodendron purpureum	261	262	262	263	0.06	-	-	-	15.8	15.81	2	2	13	ok
PV 1	San Buenaventura	Capaina		LPZ-ITU-SBV-COP-03-S1-P1	Terminalia oblonga	226	227	227	228	0.94	-	-	-	214.7	214.66	21	21	172	ok
PV 1	San Buenaventura	Cinteño		LPZ-ITU-SBV-CIN-13-S2-P1	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Cinteño		LPZ-ITU-SBV-CIN-04-S1-P1a	Tectona grandis	247	248	248	249	0.60	-	-	-	149.6	149.63	15	15	120	ok

PV 1	San Buenaventura	Cinteño		LPZ-ITU-SBV-CIN-04-S1-P1Bs	Tecto na grandis	247	248	248	249	0.10	-	-	-	24.9	24.94	2	2	20	ok
PV 1	San Buenaventura	Colorado		LPZ-ITU-SBV-CLD-00-S1-P1	Tecto na grandis	247	248	248	249	0.70	-	-	-	174.6	174.57	17	17	140	ok
PV 1	San Buenaventura	Colorado		LPZ-ITU-SBV-CLD-001-S1-P1	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Esmeralda 1		LPZ-ITU-SBV-ESM-18-S1-P1a	Tecto na grandis	247	248	248	249	0.40	98.9	-	-	-	98.89	10	10	79	ok
PV 1	San Buenaventura	Esmeralda 1		LPZ-ITU-SBV-ESM-18-S1-P2a	Tapir a guian ensis	301	302	302	303	0.40	120.3	-	-	-	120.28	12	12	96	ok
PV 1	San Buenaventura	Everest		LPZ-ITU-SBV-EVE-06-S1-P1	Swiet enia macro phylla	228	229	229	231	0.02	-	-	-	4.6	4.61	0	0	4	ok
PV 1	San Buenaventura	Everest		LPZ-ITU-SBV-EVE-06-S1-P1	Tecto na grandis	247	248	248	249	0.48	-	-	-	119.7	119.70	12	12	96	ok
PV 1	San Buenaventura	Everest		LPZ-ITU-SBV-EVE-011-S1-P1a	Tecto na grandis	247	248	248	249	0.40	-	-	-	99.8	99.75	10	10	80	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-04-S1-P1	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-04-S2-P2	Tecto na grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-46-S1-P1	Centr olobiu m tomen tosum	228	229	229	231	0.14	-	-	-	32.3	32.27	3	3	26	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-	Tecto na	247	248	248	249	0.86	-	-	-	214.5	214.47	21	21	172	ok

	a			HUR-46-S1-P1	grandis														
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-46-S2-P2	Centrolobium tomentosum	228	229	229	231	0.15	-	-	-	34.6	34.58	3	3	28	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-46-S2-P2	Dipteryx odorata	275	276	276	277	0.85	-	-	-	235.5	235.52	24	24	188	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-46-S2-P3	Centrolobium tomentosum	228	229	229	231	0.20	-	-	-	46.1	46.10	5	5	37	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-02-S1-P1	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-036-S1-P1	Tectona grandis	247	248	248	249	1.50	-	-	-	374.1	374.07	37	37	299	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-12-S1-P1	Centrolobium tomentosum	228	229	229	231	0.22	-	-	-	50.7	50.71	5	5	41	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-12-S1-P1	Tectona grandis	247	248	248	249	0.78	-	-	-	194.5	194.52	19	19	156	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-08-S1-P2	Centrolobium tomentosum	228	229	229	231	0.04	-	-	-	9.2	9.22	1	1	7	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-08-S1-P2	Dipteryx odorata	275	276	276	277	0.46	-	-	-	127.5	127.46	13	13	102	ok
PV 1	San Buenaventura	Hurehuapo		LPZ-ITU-SBV-HUR-08-S1-P3	Tapirira guianensis	301	302	302	303	0.17	-	-	-	51.5	51.48	5	5	41	ok

PV 1	San Buenaventura	Hurehuapo	LPZ-ITU-SBV-HUR-08-S1-P3	Tectona grandis	247	248	248	249	0.33	-	-	-	82.3	82.30	8	8	66	ok
PV 1	San Buenaventura	Hurehuapo	LPZ-ITU-SBV-HUR-8-S1-P1	Calophyllum brasiliense	212	213	213	215	0.50	-	-	-	107.3	107.31	11	11	86	ok
PV 1	San Buenaventura	Hurehuapo	LPZ-ITU-SBV-HUR-8-S2-P2	Centropomus	228	229	229	231	0.40	-	-	-	92.2	92.21	9	9	74	ok
PV 1	San Buenaventura	Hurehuapo	LPZ-ITU-SBV-HUR-8-S2-P2	Tapirira guianensis	301	302	302	303	0.10	-	-	-	30.3	30.28	3	3	24	ok
PV 1	San Buenaventura	Hurehuapo	LPZ-ITU-SBV-HUR-8-S5-P3	Swietenia macrophylla	228	229	229	231	0.01	-	-	-	2.3	2.31	0	0	2	ok
PV 1	San Buenaventura	Hurehuapo	LPZ-ITU-SBV-HUR-8-S5-P3	Tapirira guianensis	301	302	302	303	0.49	-	-	-	148.4	148.39	15	15	119	ok
PV 1	San Buenaventura	La Esmeralda	LPZ-ITU-SBV-LEM-7-SL1-PL1	Calophyllum brasiliense	212	213	213	215	0.10	-	-	-	21.5	21.46	2	2	17	ok
PV 1	San Buenaventura	La Esmeralda	LPZ-ITU-SBV-LEM-7-SL1-PL1	Tectona grandis	247	248	248	249	0.40	-	-	-	124.7	124.69	12	12	100	ok
PV 1	San Buenaventura	La Esmeralda	LPZ-ITU-SBV-LEM-7-SL2-PL2a	Terminalia amazonia	276	277	277	278	0.25	-	-	-	69.6	69.62	7	7	56	ok
PV 1	San Buenaventura	Mayge	LPZ-ITU-SBV-MAY-047-S1-P1	Tectona grandis	247	248	248	249	3.50	-	-	-	872.8	872.84	87	87	698	ok
PV 1	San Buenaventura	Mayge	LPZ-ITU-SBV-MAY-	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok

				047-S2-P2	s														
PV 1	San Buenaventura	Mayge		LPZ-ITU-SBV-MAY-047-S2-P3	Centrolobium tomentosum	228	229	229	231	0.41	-	-	-	94.5	94.51	9	9	76	ok
PV 1	San Buenaventura	Mayge		LPZ-ITU-SBV-MAY-047-S2-P3	Tectonagrandis	247	248	248	249	0.09	-	-	-	22.4	22.44	2	2	18	ok
PV 1	San Buenaventura	Nueva Palestina		LPZ-ITU-SBV-NPL-1-S1-P1	Dipteryx odorata	275	276	276	277	0.60	-	-	-	166.2	166.25	17	17	133	ok
PV 1	San Buenaventura	Nueva Palestina		LPZ-ITU-SBV-NPL-14-S1-P2	Tectonagrandis	247	248	248	249	0.50	123.6	-	-	-	123.62	12	12	99	ok
PV 1	San Buenaventura	Nueva Palestina		LPZ-ITU-SBV-NPL-14-S1-P3	Centrolobium tomentosum	228	229	229	231	0.05	11.4	-	-	-	11.42	1	1	9	ok
PV 1	San Buenaventura	Nueva Palestina		LPZ-ITU-SBV-NPL-14-S1-P3	Tapiriraguianensis	301	302	302	303	0.40	120.3	-	-	-	120.28	12	12	96	ok
PV 1	San Buenaventura	Nueva Palestina		LPZ-ITU-SBV-NPL-14-S1-P3	Tectonagrandis	247	248	248	249	0.05	12.4	-	-	-	12.36	1	1	10	ok
PV 1	San Buenaventura	Nueva Palestina		LPZ-ITU-SBV-NPL-14-S2-P5	Centrolobium tomentosum	228	229	229	231	0.02	-	-	-	4.6	4.61	0	0	4	ok
PV 1	San Buenaventura	Nueva Palestina		LPZ-ITU-SBV-NPL-14-S2-P5	Dipteryx odorata	275	276	276	277	0.75	-	-	-	207.8	207.81	21	21	166	ok
PV 1	San Buenaventura	Nueva Palestina		LPZ-ITU-SBV-NPL-14-S2-P5	Tapiriraguianensis	301	302	302	303	0.03	-	-	-	9.1	9.09	1	1	7	ok

PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-30-S1-P1	Tecto na grandis	247	248	248	249	1.00	247.2	-	-	-	247.24	25	25	198	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-041-S3-P3	Dipter yx odorat a	275	276	276	277	1.00	-	-	-	277.1	277.08	28	28	222	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-37-VS1-PV1	Tapirir a guian ensis	301	302	302	303	0.50	-	-	-	151.4	151.42	15	15	121	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-37-VS2-PV2	Centr olobiu m tomen tosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-06-S1-P1	Tapirir a guian ensis	301	302	302	303	0.20	-	-	-	60.6	60.57	6	6	48	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-06-S1-P2	Termi nalia oblon ga	226	227	227	228	0.20	-	-	-	45.7	45.67	5	5	37	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-06-S1-P3	Tecto na grandis	247	248	248	249	0.20	-	-	-	49.9	49.88	5	5	40	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-06-S2-P4	Tapirir a guian ensis	301	302	302	303	0.71	-	-	-	215.0	215.02	22	22	172	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-06-S2-P4	Tecto na grandis	247	248	248	249	0.29	-	-	-	72.3	72.32	7	7	58	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-004-S1-P1a	Tapirir a guian ensis	301	302	302	303	0.65	-	-	-	196.8	196.85	20	20	157	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-004-S1-P1br	Centr olobiu m tomen tosum	228	229	229	231	0.25	-	-	-	57.6	57.63	6	6	46	Replanted

PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-004-S1-P1br	Tapir a guianensis	301	302	302	303	0.10	-	-	-	30.3	30.28	3	3	24	Replanted
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-022-S1-P1	Tecto na grandis	247	248	248	249	5.00	-	-	-	1,246.9	1,246.91	125	125	998	ok
PV 1	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-05-S1-P1	Centr olobiu m tomen tosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 1	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-25-S1-P1	Tecto na grandis	247	248	248	249	2.00	-	-	-	498.8	498.76	50	50	399	ok
PV 1	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-44-S1-P1	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-37-S1-P1	Tecto na grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 1	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-37-S1-P2	Tapir a guianensis	301	302	302	303	0.50	-	-	-	151.4	151.42	15	15	121	ok
PV 1	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-48-S1-P1	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	San Silvestre		LPZ-ITU-SBV-SSR-02-S1-P1	Dipter yx odorat a	275	276	276	277	0.50	-	-	-	138.5	138.54	14	14	111	ok
PV 1	San Buenaventura	San Silvestre		LPZ-ITU-SBV-SSR-02-S1-P2	Centr olobiu m tomen tosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 1	San Buenaventura	San Silvestre		LPZ-ITU-SBV-SSR-11-S1-P1	Dipter yx odorat a	275	276	276	277	0.50	-	-	-	138.5	138.54	14	14	111	ok

PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-11-S1-P2	Centrolobium tomentosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-002-S1-P1a	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-004-S1-P1	Centrolobium tomentosum	228	229	229	231	0.18	-	-	-	41.5	41.49	4	4	33	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-004-S1-P1	Tectona grandis	247	248	248	249	0.82	-	-	-	204.5	204.49	20	20	164	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-004-S2-P2	Dipteryx odorata	275	276	276	277	0.20	-	-	-	138.5	138.54	14	14	111	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-004-S2-P2	Strypnodendron purpureum	261	262	262	263	0.30	-	-	-	131.7	131.74	13	13	105	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-001-S2-P2	Calophyllum brasiliense	212	213	213	215	0.01	-	-	-	2.1	2.15	0	0	2	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-001-S2-P2	Dipteryx odorata	275	276	276	277	0.49	-	-	-	135.8	135.77	14	14	109	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-001-S2-P3	Calophyllum brasiliense	212	213	213	215	0.10	-	-	-	21.5	21.46	2	2	17	ok
PV 1	San Buenaventura	San Silvestre	LPZ-ITU-SBV-SSR-001-S2-P3	Centrolobium tomentosum	228	229	229	231	0.40	-	-	-	92.2	92.21	9	9	74	ok

PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-07-S1-P1	Tecto na grandis	247	248	248	249	2.00	-	-	-	498.8	498.76	50	50	399	ok
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-07-S2-P2	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-07-S2-P3	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-50-S1-P1	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-067-S1-P1	Dipter yx odorata	275	276	276	277	1.00	-	-	-	277.1	277.08	28	28	222	ok
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-067-S1-P2	Centrolobium tomentosum	228	229	229	231	0.07	-	-	-	16.1	16.14	2	2	13	ok
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-067-S1-P2	Tapirira guianensis	301	302	302	303	0.43	-	-	-	130.2	130.22	13	13	104	ok
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-065-S1-P1	Tecto na grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-065-S1-P2r	Tapirira guianensis	301	302	302	303	0.04	-	-	-	12.1	12.11	1	1	10	Replanted
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-065-S1-P2r	Tecto na grandis	247	248	248	249	0.46	-	-	-	114.7	114.72	11	11	92	Replanted
PV 1	San Buenaventura	Santa Ana	LPZ-ITU-SBV-STA-066-S1-P1	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Tumupasa	LPZ-ITU-SBV-	Tapirira	301	302	302	303	0.10	-	-	-	30.3	30.28	3	3	24	ok

	a			TUM-14-S1-P1	guianensis														
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-14-S1-P1	Tectona grandis	247	248	248	249	1.40	-	-	-	349.1	349.14	35	35	279	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-025-S2-P2	Dipteryx odorata	275	276	276	277	1.00	-	-	-	277.1	277.08	28	28	222	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-10-S1-P1	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-10-S1-P2	Centropomus tomentosus	228	229	229	231	0.25	-	-	-	57.6	57.63	6	6	46	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-003-S1-P1	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-13-S1-P1	Tectona grandis	247	248	248	249	0.60	-	-	-	149.6	149.63	15	15	120	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-03-S1-P1a	Calophyllum brasiliense	212	213	213	215	0.18	-	-	-	38.6	38.63	4	4	31	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-03-S1-P1a	Dipteryx odorata	275	276	276	277	0.06	-	-	-	16.6	16.62	2	2	13	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-03-S1-P1a	Tectona grandis	247	248	248	249	0.56	-	-	-	139.7	139.65	14	14	112	ok
PV 1	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-03-S1-P1Bs	Tapirira guianensis	301	302	302	303	0.16	-	-	-	48.5	48.45	5	5	39	Replanted

PV 1	San Buenaventura	Tumupasa	LPZ-ITU-SBV-TUM-03-S1-P1Bs	Tecto na grandis	247	248	248	249	0.04	-	-	-	10.0	9.98	1	1	8	Replanted
PV 2	Puerto Villarroel	9 de Agosto	CBA-CRO-PVR-9AG-07-S1-P1	Tapirir a guianensis	301	302	302	303	0.70	-	-	-	212.0	211.99	21	21	170	ok
PV 2	Puerto Villarroel	9 de Agosto	CBA-CRO-PVR-9AG-07-SV2-PV2	Centrolobium tomentosum	228	229	229	231	0.90	205.5	-	-	-	205.54	21	21	164	ok
PV 2	Puerto Villarroel	9 de Agosto	CBA-CRO-PVR-9AG-07-SV2-PV3	Dipteryx odorata	275	276	276	277	0.90	247.4	-	-	-	247.44	25	25	198	ok
PV 2	Puerto Villarroel	Agro Sacta	CBA-CRO-PVR-AST-24-S1-P1	Centrolobium tomentosum	228	229	229	231	1.25	285.5	-	-	-	285.47	29	29	228	ok
PV 2	Puerto Villarroel	Agro Sacta	CBA-CRO-PVR-AST-24-S1-P1	Guarea rusby	284	285	285	286	0.25	71.0	-	-	-	71.04	7	7	57	ok
PV 2	Puerto Villarroel	Alianza	CBA-CRO-PVR-ALZ-2-S1-P1	Dipteryx odorata	275	276	276	277	1.00	274.9	-	-	-	274.94	27	27	220	ok
PV 2	Puerto Villarroel	Alianza	CBA-CRO-PVR-ALZ-2-S2-P2	Dipteryx odorata	275	276	276	277	2.90	797.3	-	-	-	797.31	80	80	638	ok
PV 2	Puerto Villarroel	Gualberto Villarroel	CBA-CRO-PVR-GVR-56-SV1-PV1	Guarea rusby	284	285	285	286	2.20	625.2	-	-	-	625.18	63	63	500	ok
PV 2	Puerto Villarroel	Gualberto Villarroel	CBA-CRO-PVR-	Dipteryx odorata	275	276	276	277	1.40	384.9	-	-	-	384.91	38	38	308	ok

				GVR-09-SV1-PV1	a														
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-31V-S1-P1	Centrolobium tomentosum	228	229	229	231	1.00	228.4	-	-	-	228.38	23	23	183	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-47-S1-P1	Centrolobium tomentosum	228	229	229	231	1.80	411.1	-	-	-	411.08	41	41	329	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-47-S1-P1	Guarea rusby	284	285	285	286	1.20	341.0	-	-	-	341.01	34	34	273	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-72-S2-P2	Centrolobium tomentosum	228	229	229	231	1.00	228.4	-	-	-	228.38	23	23	183	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-72-SV1-PV1	Centrolobium tomentosum	228	229	229	231	0.90	205.5	-	-	-	205.54	21	21	164	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-72-SV3-PV3	Guarea rusby	284	285	285	286	0.80	227.3	-	-	-	227.34	23	23	182	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-46-S1-P1	Dipteryx odorata	275	276	276	277	1.00	274.9	-	-	-	274.94	27	27	220	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-40-S1-P1	Centrolobium tomentosum	228	229	229	231	0.40	91.4	-	-	-	91.35	9	9	73	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-40-S1-P1	Dipteryx odorata	275	276	276	277	0.90	247.4	-	-	-	247.44	25	25	198	ok

				SV2-PV2															
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-40-SV3-PV3	Centrolobium tomentosum	228	229	229	231	0.60	137.0	-	-	-	137.03	14	14	110	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-012c-S1-P1	Dipteryx odorata	275	276	276	277	2.00	549.9	-	-	-	549.87	55	55	440	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-27-S1-P1	Centrolobium tomentosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-27V-S1-P1	Centrolobium tomentosum	228	229	229	231	2.60	593.8	-	-	-	593.78	59	59	475	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-38-SV1-PV1	Dipteryx odorata	275	276	276	277	2.80	769.8	-	-	-	769.82	77	77	616	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-58-SV1-PV1a	Centrolobium tomentosum	228	229	229	231	1.00	228.4	-	-	-	228.38	23	23	183	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-58-SV1-PV1b	Centrolobium tomentosum	228	229	229	231	1.80	411.1	-	-	-	411.08	41	41	329	ok
PV 2	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-58-SV1-PV1b	Guarea rusbyi	284	285	285	286	2.20	625.2	-	-	-	625.18	63	63	500	ok

PV 2	Puerto Villaruel	Valle Hermoso	CBA- CRO- PVR- VHM-11- S1-P1	Buche navia oxicar pa	232	233	233	234	1.00	231.9	-	-	-	231.87	23	23	185	ok
PV 2	Puerto Villaruel	Valle Hermoso	CBA- CRO- PVR- VHM-11- SV2-PV2	Dipter yx odorat a	275	276	276	277	0.90	-	-	-	249.4	249.37	25	25	199	ok
PV 2	Puerto Villaruel	Villa Verde	CBA- CRO- PVR- VVD-9- SV1-PV1	Buche navia oxicar pa	232	233	233	234	0.60	-	-	-	140.4	140.41	14	14	112	ok
PV 2	Puerto Villaruel	Villa Verde	CBA- CRO- PVR- VVD-9- SV1-PV1	Dipter yx odorat a	275	276	276	277	0.40	-	-	-	110.8	110.83	11	11	89	ok
PV 2	Puerto Villaruel	Villa Verde	CBA- CRO- PVR- VVD-9- SV2-PV2	Guare a rusby	284	285	285	286	1.60	-	-	-	458.1	458.11	46	46	366	ok
PV 2	Puerto Villaruel	Villa Verde	CBA- CRO- PVR- VVD-13- S1-P1	Centr olobiu m tomen tosum	228	229	229	231	0.70	159.9	-	-	-	159.86	16	16	128	ok
PV 2	Puerto Villaruel	Villa Verde	CBA- CRO- PVR- VVD-13- S1-P1	Guare a rusby	284	285	285	286	0.30	85.3	-	-	-	85.25	9	9	68	ok
PV 2	Puerto Villaruel	Villa Verde	CBA- CRO- PVR- VVD-9B- S1-P1	Dipter yx odorat a	275	276	276	277	2.00	549.9	-	-	-	549.87	55	55	440	ok
PV 2	Reyes	Propiedad Privada	BEN- JBA- REY- RPP-01- S1-P1	Stryp hnode ndron purpu reum	261	262	262	263	0.50	-	-	-	131.7	131.74	13	13	105	ok
PV 2	Reyes	Propiedad Privada	BEN- JBA-	Tecto na	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok

				REY- RPP-01- S1-P2	grandi s														
PV 2	Reyes	Propiedad Privada		BEN- JBA- REY- RPP-04- S1-P1	Tecto na grandi s	247	248	248	249	2.00	-	-	-	498.8	498.76	50	50	399	ok
PV 2	Reyes	Propiedad Privada		BEN- JBA- REY- RPP-04- S2-P2	Stryp hnode ndron purpu reum	261	262	262	263	1.00	261.3	-	-	-	261.34	26	26	209	ok
PV 2	Reyes	San Jose		BEN- JBA- REY- SAJ-4- S1-P1	Calop hyllu m brasili ense	212	213	213	215	0.75	-	-	-	161.0	160.96	16	16	129	ok
PV 2	Reyes	San Jose		BEN- JBA- REY- SAJ-4- S1-P1	Termi nalia amaz onia	276	277	277	278	0.25	-	-	-	69.6	69.62	7	7	56	ok
PV 2	Reyes	San Jose		BEN- JBA- REY- SAJ-3- S1-P1	Calop hyllu m brasili ense	212	213	213	215	0.80	-	-	-	171.7	171.69	17	17	137	ok
PV 2	Reyes	San Jose		BEN- JBA- REY- SAJ-3- S1-P1	Termi nalia amaz onia	276	277	277	278	0.20	-	-	-	55.7	55.69	6	6	45	ok
PV 2	Rurrenabaq ue	Carmen Soledad		BEN- JBA- RBQ- CSD-07- S1-P1	Stryp hnode ndron purpu reum	261	262	262	263	0.50	-	-	-	131.7	131.74	13	13	105	ok
PV 2	Rurrenabaq ue	Collana		BEN- JBA- RBQ- CLL-001- S1-P1	Tecto na grandi s	247	248	248	249	2.00	-	-	-	498.8	498.76	50	50	399	ok
PV 2	Rurrenabaq ue	Collana		BEN- JBA- RBQ- CLL-05-	Tecto na grandi s	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok

				S1-P1															
PV 2	Rurrenabaque	Collana		BEN-JBA-RBQ-CLL-05-S3-P3	Dipter yx odorata	275	276	276	277	0.50	-	-	-	138.5	138.54	14	14	111	ok
PV 2	Rurrenabaque	Collana		BEN-JBA-RBQ-CLL-41-S1-P2	Stryp hnode ndron purpureum	261	262	262	263	0.30	-	-	-	131.7	131.74	13	13	105	ok
PV 2	Rurrenabaque	Collana		BEN-JBA-RBQ-CLL-41-S1-P2	Tapirir a guian ensis	301	302	302	303	0.20	-	-	-	-	-	-	-	-	ok
PV 2	Rurrenabaque	Collana		BEN-JBA-RBQ-CLL-21-S1-P1	Tapirir a guian ensis	301	302	302	303	0.05	-	-	15.1	-	15.08	2	2	12	ok
PV 2	Rurrenabaque	Collana		BEN-JBA-RBQ-CLL-21-S1-P1	Virola flexuosa	201	202	202	203	0.45	-	-	90.7	-	90.74	9	9	73	ok
PV 2	Rurrenabaque	Collana		BEN-JBA-RBQ-CLL-32-S1-P1a	Tecto na grandis	247	248	248	249	0.80	197.8	-	-	-	197.79	20	20	158	ok
PV 2	Rurrenabaque	Colorado Bajo Nucleo 34		BEN-JBA-RBQ-CLB-5-V S1-PV1	Calop hyllum brasili ense	212	213	213	215	0.50	-	-	-	107.3	107.31	11	11	86	ok
PV 2	Rurrenabaque	Com. Villa Jichani		BEN-JBA-RBQ-VJI-2-SL1-PL1	Centr olobium tomentosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 2	Rurrenabaque	El Bala		BEN-JBA-RBQ-EBA-17-SL1-PL1	Centr olobium tomentosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok

PV 2	Rurrenabaque	El Bala		BEN-JBA-RBQ-EBA-17-SL2-PL2	Stryp hnode ndron purpureum	261	262	262	263	0.50	-	-	-	131.7	131.74	13	13	105	Replanted
PV 2	Rurrenabaque	El Cebu		BEN-JBA-RBQ-CEB-10-S1-P1	Tectonagrandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 2	Rurrenabaque	El Cebu		BEN-JBA-RBQ-CEB-13-S1-P1	Centrobium tomentosum	228	229	229	231	0.10	-	-	-	23.1	23.05	2	2	18	Replanted
PV 2	Rurrenabaque	El Cebu		BEN-JBA-RBQ-CEB-13-S1-P1	Tapiriana guianensis	301	302	302	303	0.40	-	-	-	121.1	121.14	12	12	97	Replanted
PV 2	Rurrenabaque	El Cebu		BEN-JBA-RBQ-CEB-13-S2-P2	Schizobium amazonicum	246	247	247	248	0.50	-	-	-	124.1	124.14	12	12	99	ok
PV 2	Rurrenabaque	Los Tigres		BEN-JBA-RBQ-LTG-02-S1-P1	Calophyllum brasiliense	212	213	213	215	0.08	-	-	-	17.2	17.17	2	2	14	ok
PV 2	Rurrenabaque	Los Tigres		BEN-JBA-RBQ-LTG-02-S1-P1	Stryp hnode ndron purpureum	261	262	262	263	0.42	-	-	-	110.7	110.66	11	11	89	ok
PV 2	Rurrenabaque	Los Tigres		BEN-JBA-RBQ-LTG-03-S1-P2	Stryp hnode ndron purpureum	261	262	262	263	0.50	-	-	-	131.7	131.74	13	13	105	Replanted
PV 2	Rurrenabaque	Los Tigres		BEN-JBA-RBQ-LTG-03-S4-P3	Stryp hnode ndron purpureum	261	262	262	263	0.48	-	-	-	126.5	126.47	13	13	101	ok

PV 2	Rurrenabaque	Los Tigres	BEN-JBA-RBQ-LTG-03-S4-P3	Tapiriraguensis	301	302	302	303	0.02	-	-	-	6.1	6.06	1	1	5	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-01-S1-P1a	Tectonagrandis	247	248	248	249	0.28	-	-	-	69.8	69.83	7	7	56	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-01-S1-P1b	Tectonagrandis	247	248	248	249	0.04	-	-	-	10.0	9.98	1	1	8	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-03-S1-PV1	Calophyllum brasiliense	212	213	213	215	0.50	106.2	-	-	-	106.24	11	11	85	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-03-S1-PV2	Calophyllum brasiliense	212	213	213	215	0.02	4.2	-	-	-	4.25	0	0	3	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-03-S1-PV2	Terminalia amazonia	276	277	277	278	0.48	132.6	-	-	-	132.64	13	13	106	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-02-S1A-P2A	Calophyllum brasiliense	212	213	213	215	0.02	4.2	-	-	-	4.25	0	0	3	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-02-S1A-P2A	Terminalia amazonia	276	277	277	278	0.38	105.0	-	-	-	105.00	11	11	84	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-02-S1Bs-P2Bs	Terminalia amazonia	276	277	277	278	0.10	27.6	-	-	-	27.63	3	3	22	ok

PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-02-S2-P1	Calophyllum brasiliense	212	213	213	215	0.50	106.2	-	-	-	106.24	11	11	85	ok
PV 2	Rurrenabaque	Nueva Esperanza	BEN-JBA-RBQ-NEZ-05-S1-P1	Dipteryx odorata	275	276	276	277	1.00	-	-	-	277.1	277.08	28	28	222	ok
PV 2	Rurrenabaque	Nuevos Horizontes	BEN-JBA-RBQ-NHS-31-S1-P1a	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	Replanted
PV 2	Rurrenabaque	Nuevos Horizontes	BEN-JBA-RBQ-NHS-26-S1-P1	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 2	Rurrenabaque	Nuevos Horizontes	BEN-JBA-RBQ-NHS-26-S1-P2	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	Replanted
PV 2	Rurrenabaque	Propiedad Privada	BEN-JBA-RBQ-RUP-006-S1-P1	Dipteryx odorata	275	276	276	277	0.29	79.7	-	-	-	79.73	8	8	64	Replanted
PV 2	Rurrenabaque	Propiedad Privada	BEN-JBA-RBQ-RUP-006-S1-P1	Strypchnode ndron purpureum	261	262	262	263	0.41	107.1	-	-	-	107.15	11	11	86	Replanted
PV 2	Rurrenabaque	Propiedad Privada	BEN-JBA-RBQ-RUP-006-S1-P1	Virola flexuosa	201	202	202	203	0.30	60.2	-	-	-	60.23	6	6	48	Replanted
PV 2	Rurrenabaque	Propiedad Privada	BEN-JBA-RBQ-RUP-07-S1-P1	Strypchnode ndron purpureum	261	262	262	263	0.60	-	-	-	158.1	158.09	16	16	126	ok
PV 2	Rurrenabaque	Propiedad Privada	BEN-JBA-	Strypchnode	261	262	262	263	0.40	-	104.	-	-	104.89	10	10	84	ok

				RBQ-RUP-0001-S1-P1	ndron purpureum						9								
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-01-S1-P1	Tectonagrandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-002-S1-P1	Terminaliaamazonia	276	277	277	278	1.00	-	-	-	278.5	278.47	28	28	223	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-10-S1-P1	Tectonagrandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-016-S1-P1	Calophyllumbrasiliense	212	213	213	215	0.37	-	-	-	79.4	79.41	8	8	64	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-016-S1-P1	Dipteryxodorata	275	276	276	277	1.13	-	-	-	313.1	313.10	31	31	250	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-016-S1-P2	Calophyllumbrasiliense	212	213	213	215	0.50	-	-	-	107.3	107.31	11	11	86	Replanted
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-02-S1-P1	Centropogon	228	229	229	231	0.11	-	-	-	25.4	25.36	3	3	20	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-02-S1-P1	Tapiriguianensis	301	302	302	303	0.89	-	-	-	269.5	269.53	27	27	216	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-	Strypchnodron	261	262	262	263	0.44	-	-	-	115.9	115.93	12	12	93	ok

				RUP-02-S1-P2	purpureum														
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-02-S1-P2	Tapiriraguensis	301	302	302	303	0.06	-	-	-	18.2	18.17	2	2	15	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-06-S1-P1	Dipteryx odorata	275	276	276	277	0.50	-	-	-	138.5	138.54	14	14	111	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-06-S1-P2	Dipteryx odorata	275	276	276	277	0.10	-	-	-	27.7	27.71	3	3	22	ok
PV 2	Rurrenabaque	Propiedad Privada		BEN-JBA-RBQ-RUP-06-S1-P2	Strypchnodendron purpureum	261	262	262	263	0.40	-	-	-	105.4	105.39	11	11	84	ok
PV 2	Rurrenabaque	San Bernardo		BEN-JBA-RBQ-SBD-12-S1-P2	Hymenaea courbaril	234	235	235	236	0.40	-	-	-	94.5	94.47	9	9	76	ok
PV 2	Rurrenabaque	San Bernardo		BEN-JBA-RBQ-SBD-12-S1-P2	Strypchnodendron purpureum	261	262	262	263	0.10	-	-	-	26.3	26.35	3	3	21	ok
PV 2	Rurrenabaque	San Bernardo		BEN-JBA-RBQ-SBD-12-S2-P3	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	Rurrenabaque	San Bernardo		BEN-JBA-RBQ-SBD-12-S2-P4	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	Rurrenabaque	San Miguel		BEN-JBA-RBQ-SML-08-S1-P1	Terminalia oblonga	226	227	227	228	0.50	-	-	-	114.2	114.18	11	11	91	ok

PV 2	Rurrenabaque	San Miguel	BEN-JBA-RBQ-SML-08-S2-P2a	Tectona grandis	247	248	248	249	0.40	98.9	-	-	-	98.89	10	10	79	Replanted
PV 2	Rurrenabaque	Ticala Linares	BEN-JBA-RBQ-TCN-41-SL1-PL1	Hymenocaulis	234	235	235	236	0.50	-	-	-	118.1	118.08	12	12	94	ok
PV 2	Rurrenabaque	Ticala Linares	BEN-JBA-RBQ-TCN-036-SL1-PL1	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 2	Rurrenabaque	Uncallamaya	BEN-JBA-RBQ-UNC-21-S1-P2	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	Replanted
PV 2	San Borja	Borjanita	BEN-JBA-SBJ-BOR-02-S1-P1	Dipteryx odorata	275	276	276	277	0.50	-	-	-	138.5	138.54	14	14	111	ok
PV 2	San Borja	Borjanita	BEN-JBA-SBJ-BOR-02-S1-P2	Calophyllum brasiliense	212	213	213	215	0.50	-	-	-	107.3	107.31	11	11	86	Replanted
PV 2	San Borja	El Palmar	BEN-JBA-SBJ-EPR-042-S1-P1	Calophyllum brasiliense	212	213	213	215	0.03	-	-	-	6.4	6.44	1	1	5	ok
PV 2	San Borja	El Palmar	BEN-JBA-SBJ-EPR-042-S1-P1	Strypchnodendron purpureum	261	262	262	263	0.47	-	-	-	123.8	123.84	12	12	99	ok
PV 2	San Borja	El Palmar	BEN-JBA-SBJ-EPR-041-S1-P1a	Dipteryx odorata	275	276	276	277	0.80	-	-	-	221.7	221.67	22	22	177	ok
PV 2	San Borja	Embocada	BEN-JBA-SBJ-EMB-033-S1-	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok

				P1															
PV 2	San Borja	Inca Suyu		BEN- JBA-SBJ- INC-001- SL1-PL1	Calop hyllu m brasili ense	212	213	213	215	0.07	-	-	-	15.0	15.02	2	2	12	ok
PV 2	San Borja	Inca Suyu		BEN- JBA-SBJ- INC-001- SL1-PL1	Tecto na grandi s	247	248	248	249	0.93	-	-	-	231.9	231.93	23	23	186	ok
PV 2	San Borja	Inca Suyu		BEN- JBA-SBJ- INC-012- SL1-PL1	Tecto na grandi s	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	Inca Suyu		BEN- JBA-SBJ- INC-014- SL2-PL2	Dipter yx odorat a	275	276	276	277	0.45	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	Inca Suyu		BEN- JBA-SBJ- INC-014- SL2-PL2	Termin alia amaz onia	276	277	277	278	0.05	-	-	-	13.9	13.92	1	1	11	ok
PV 2	San Borja	Marca Coroico		BEN- JBA-SBJ- MAC-11- SL1-PL1	Stryp hnode ndron purpu reum	261	262	262	263	0.10	-	-	-	26.3	26.35	3	3	21	ok
PV 2	San Borja	Marca Coroico		BEN- JBA-SBJ- MAC-11- SL1-PL1	Tecto na grandi s	247	248	248	249	0.40	-	-	-	99.8	99.75	10	10	80	ok
PV 2	San Borja	Propiedad Privada		BEN- JBA-SBJ- BJP-34- S1-P1	Dipter yx odorat a	275	276	276	277	0.09	24.7	-	-	-	24.74	2	2	20	ok
PV 2	San Borja	Propiedad Privada		BEN- JBA-SBJ- BJP-34- S1-P1	Stryp hnode ndron purpu reum	261	262	262	263	0.41	107.1	-	-	-	107.15	11	11	86	ok
PV 2	San Borja	Propiedad Privada		BEN- JBA-SBJ- BJP-34- S2-P3	Termin alia amaz onia	276	277	277	278	1.00	-	-	-	278.5	278.47	28	28	223	ok
PV 2	San Borja	Propiedad Privada		BEN- JBA-SBJ-	Calop hyllu	212	213	213	215	0.30	63.7	-	-	-	63.74	6	6	51	ok

				BJP-34-S3-P2	m brasili ense														
PV 2	San Borja	Propiedad Privada		BEN-JBA-SBJ-BJP-34-S3-P2	Termin alia amaz onia	276	277	277	278	0.20	55.3	-	-	-	55.27	6	6	44	ok
PV 2	San Borja	San Juan		BEN-JBA-SBJ-SJU-014-S1-P1	Dipter yx odorat a	275	276	276	277	0.50	-	-	-	138.5	138.54	14	14	111	ok
PV 2	San Borja	San Juan		BEN-JBA-SBJ-SJU-027-S2-P3	Tecto na grandi s	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	San Juan		BEN-JBA-SBJ-SJU-027-S2-P4	Dipter yx odorat a	275	276	276	277	0.50	-	-	-	138.5	138.54	14	14	111	ok
PV 2	San Borja	Villa Borjana		BEN-JBA-SBJ-VBJ-013-S1-P1	Calop hyllu m brasili ense	212	213	213	215	0.10	-	-	-	21.5	21.46	2	2	17	ok
PV 2	San Borja	Villa Borjana		BEN-JBA-SBJ-VBJ-013-S1-P1	Tecto na grandi s	247	248	248	249	0.90	-	-	-	224.4	224.44	22	22	180	ok
PV 2	San Borja	Villa Borjana		BEN-JBA-SBJ-VBJ-010-VS3-PV1	Calop hyllu m brasili ense	212	213	213	215	1.00	-	-	-	214.6	214.62	21	21	172	ok
PV 2	San Borja	Villa Imperial		BEN-JBA-SBJ-IMP-29-S1-P1	Swiet enia macro phylla	228	229	229	231	0.04	-	-	-	115.3	115.26	12	12	92	ok
PV 2	San Borja	Villa Imperial		BEN-JBA-SBJ-IMP-29-S1-P1	Termin alia amaz onia	276	277	277	278	0.46	-	-	-	139.2	139.24	14	14	111	ok
PV 2	San Borja	Villa Imperial		BEN-JBA-SBJ-IMP-29-S1-P3	Calop hyllu m brasili ense	212	213	213	215	0.20	-	-	-	42.9	42.92	4	4	34	ok

PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-29-S1-P3	Tecto na grandis	247	248	248	249	0.80	-	-	-	199.5	199.51	20	20	160	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-012-S1-P1	Calophyllum brasiliense	212	213	213	215	0.50	-	-	106.7	-	106.67	11	11	85	Replanted
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-012-S1-P2	Calophyllum brasiliense	212	213	213	215	0.50	-	-	106.7	-	106.67	11	11	85	Replanted
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-002-S1-P1	Terminalia amazonia	276	277	277	278	0.75	-	-	207.9	-	207.90	21	21	166	Replanted
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-020-S1-P1	Calophyllum brasiliense	212	213	213	215	0.60	-	128.0	-	-	128.01	13	13	102	Replanted
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-031-S1-P1	Centropogon tomentosum	228	229	229	231	0.50	114.2	-	-	-	114.19	11	11	91	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-031-S1-P2a	Tecto na grandis	247	248	248	249	0.50	123.6	-	-	-	123.62	12	12	99	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-031-S1-P3	Centropogon tomentosum	228	229	229	231	0.50	114.2	-	-	-	114.19	11	11	91	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-032-S1-P1	Tecto na grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-032-S1-P2	Centropogon tomentosum	228	229	229	231	0.45	-	-	-	103.7	103.74	10	10	83	ok

PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-032-S1-P2	Tapirira guianensis	301	302	302	303	0.05	-	-	-	15.1	15.14	2	2	12	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-009-S1-P1	Tectona grandis	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-009-S1-P2	Terminalia oblonga	226	227	227	228	0.50	-	-	-	114.2	114.18	11	11	91	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-06-S1-P1a	Calophyllum brasiliense	212	213	213	215	0.03	-	-	-	6.4	6.44	1	1	5	Replanted
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-06-S1-P1a	Strypchnodendron purpureum	261	262	262	263	0.27	-	-	-	71.1	71.14	7	7	57	Replanted
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-06-S1-P2	Calophyllum brasiliense	212	213	213	215	0.03	-	-	-	6.4	6.44	1	1	5	ok
PV 2	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-06-S1-P2	Tectona grandis	247	248	248	249	0.72	-	-	-	179.6	179.56	18	18	144	ok
PV 2	San Borja	Yacumita	BEN-JBA-SBJ-YAC-008-S1-P1a	Tectona grandis	247	248	248	249	0.16	-	-	-	39.9	39.90	4	4	32	ok
PV 2	San Borja	Yacumita	BEN-JBA-SBJ-YAC-008-S1-P1b	Tectona grandis	247	248	248	249	0.08	-	-	-	20.0	19.95	2	2	16	ok
PV 2	San Borja	Yacumita	BEN-JBA-SBJ-YAC-008-S2-P2a	Terminalia oblonga	226	227	227	228	0.44	-	-	-	100.5	100.48	10	10	80	ok
PV 2	San Borja	Yacumita	BEN-JBA-SBJ-YAC-008-S4-P4	Tapirira guianensis	301	302	302	303	0.50	-	-	-	151.4	151.42	15	15	121	ok

PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-18- S1-P1	Tapir a guian ensis	301	302	302	303	0.50	-	-	-	151.4	151.42	15	15	121	ok
PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-18- S1-P1	Tecto na grandi s	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-010- S5-P4a	Termi nalia amaz onia	276	277	277	278	0.90	248.7	-	-	-	248.70	25	25	199	ok
PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-05- S1-P1	Tecto na grandi s	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-A1- S1-P1	Tecto na grandi s	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-A1- S2-P2	Tapir a guian ensis	301	302	302	303	0.02	-	-	-	6.1	6.06	1	1	5	ok
PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-A1- S2-P2	Virola flexuo sa	201	202	202	203	0.48	-	-	-	97.4	97.40	10	10	78	ok
PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-06- S1-P1	Tecto na grandi s	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Borja	Yacumita		BEN- JBA-SBJ- YAC-06- S1-P2	Termi nalia oblon ga	226	227	227	228	0.50	-	-	-	114.2	114.18	11	11	91	ok
PV 2	San Buenaventur a	Hurehuapo		LPZ-ITU- SBV- HUR- 003-S1- P1a	Tecto na grandi s	247	248	248	249	0.50	-	-	-	124.7	124.69	12	12	100	ok
PV 2	San Buenaventur a	Nueva Palestina		LPZ-ITU- SBV- NPL-14- S3-P4	Centr olobiu m tomen tosum	228	229	229	231	1.20	-	-	-	276.6	276.63	28	28	221	ok

PV 2	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-041-S1-P1	Tecto na grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 2	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-001-S1-P1	Centrolobium tomentosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 2	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-001-S3-P3	Centrolobium tomentosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 2	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-37-S4-P3	Tapirira guianensis	301	302	302	303	0.50	-	-	-	151.4	151.42	15	15	121	ok
PV 2	San Buenaventura	Propiedad Privada		LPZ-ITU-SBV-SBP-022-S3-P2a	Centrolobium tomentosum	228	229	229	231	0.80	-	-	-	184.4	184.42	18	18	148	ok
PV 2	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-37-S2-P3	Dipteryx odorata	275	276	276	277	0.90	-	-	-	249.4	249.37	25	25	199	ok
PV 2	San Buenaventura	San Isidro		LPZ-ITU-SBV-SID-37-S2-P3	Tapirira guianensis	301	302	302	303	0.10	-	-	-	30.3	30.28	3	3	24	ok
PV 2	San Buenaventura	San Silvestre		LPZ-ITU-SBV-SSR-001-S1-P1a	Centrolobium tomentosum	228	229	229	231	0.24	54.8	-	-	-	54.81	5	5	44	ok
PV 2	San Buenaventura	San Silvestre		LPZ-ITU-SBV-SSR-001-S1-P1a	Tecto na grandis	247	248	248	249	0.36	89.0	-	-	-	89.00	9	9	71	ok
PV 2	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-002-S1-P1	Centrolobium tomentosum	228	229	229	231	0.07	-	-	-	16.1	16.14	2	2	13	ok
PV 2	San Buenaventura	Tumupasa		LPZ-ITU-SBV-	Tecto na	247	248	248	249	1.93	-	-	-	481.3	481.31	48	48	385	ok

	a			TUM-002-S1-P1	grandis														
PV 2	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-025-S1-P1	Calophyllum brasiliense	212	213	213	215	0.10	-	-	-	21.5	21.46	2	2	17	ok
PV 2	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-025-S1-P1	Tectona grandis	247	248	248	249	0.90	-	-	-	224.4	224.44	22	22	180	ok
PV 2	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-005-S1-P1a	Swietenia macrophylla	228	229	229	231	0.04	-	-	-	161.4	161.37	16	16	129	ok
PV 2	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-005-S1-P1a	Tectona grandis	247	248	248	249	0.66	-	-	-	174.6	174.57	17	17	140	ok
PV 2	San Buenaventura	Tumupasa		LPZ-ITU-SBV-TUM-18-S1-P1	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249.38	25	25	200	ok
PV 3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S1-P1	Centropomus	228	229	229	231	0.07	-	-	-	16.1	16.14	2	2	13	ok
PV 3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S1-P1	Guarea rusby	284	285	285	286	0.53	-	-	-	151.8	151.75	15	15	121	ok
PV 3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S2-P2	Centropomus	228	229	229	231	0.02	-	-	-	4.6	4.61	0	0	4	ok
PV 3	Chimoré	Litoral		CBA-CRO-CHR-LRL-031-S2-P2	Guarea rusby	284	285	285	286	0.38	-	-	-	108.8	108.80	11	11	87	ok

PV 3	Chimoré	Litoral		CBA- CRO- CHR- LRL-031- S3-P3	Guare a rusby	284	285	285	286	0.30	-	-	-	85.9	85.90	9	9	69	ok
PV 3	Chimoré	Litoral		CBA- CRO- CHR- LRL-031- S4-P4	Guare a rusby	284	285	285	286	0.20	-	57.0	-	-	57.01	6	6	46	ok
PV 3	Chimoré	Senda A		CBA- CRO- CHR- SDA-54- S1-P1	Centr olobiu m tomen tosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	Chimoré	Senda A		CBA- CRO- CHR- SDA-54- S2-P2	Dipter yx odorat a	275	276	276	277	1.00	-	-	-	277.1	277.08	28	28	222	ok
PV 3	Chimoré	Senda A		CBA- CRO- CHR- SDA-54- S3-P3	Tapirir a guian ensis	301	302	302	303	3.00	-	-	-	908.5	908.52	91	91	727	Replanted
PV 3	Chimoré	Senda C		CBA- CRO- CHR- SDC- 18;19-S1- P1	Tapirir a guian ensis	301	302	302	303	1.00	300.7	-	-	-	300.69	30	30	241	ok
PV 3	Chimoré	Senda Tres		CBA- CRO- CHR- SD3-48- S1-P1	Centr olobiu m tomen tosum	228	229	229	231	4.00	913.5	-	-	-	913.51	91	91	731	ok
PV 3	Chimoré	Senda Tres		CBA- CRO- CHR- SD3-48- S2-P2	Centr olobiu m tomen tosum	228	229	229	231	1.00	228.4	-	-	-	228.38	23	23	183	ok
PV 3	Chimoré	Senda Tres		CBA- CRO- CHR- SD3-42- S1-P1	Calop hyllu m brasili ense	212	213	213	215	0.20	42.5	-	-	-	42.49	4	4	34	ok

PV 3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S1-P1	Centrolobium tomentosum	228	229	229	231	0.80	182.7	-	-	-	182.70	18	18	146	ok
PV 3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S2-P1	Calophyllum brasiliense	212	213	213	215	0.10	21.2	-	-	-	21.25	2	2	17	ok
PV 3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S2-P1	Centrolobium tomentosum	228	229	229	231	0.60	137.0	-	-	-	137.03	14	14	110	ok
PV 3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S3-P3	Centrolobium tomentosum	228	229	229	231	0.30	68.5	-	-	-	68.51	7	7	55	ok
PV 3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S4-P4	Calophyllum brasiliense	212	213	213	215	0.42	89.2	-	-	-	89.24	9	9	71	ok
PV 3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S4-P4	Guarea rusbyi	284	285	285	286	0.08	22.7	-	-	-	22.73	2	2	18	ok
PV 3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S5-P5	Calophyllum brasiliense	212	213	213	215	0.45	-	96.0	-	-	96.01	10	10	77	ok
PV 3	Chimoré	Senda Tres		CBA-CRO-CHR-SD3-42-S5-P5	Guarea rusbyi	284	285	285	286	0.05	-	14.3	-	-	14.25	1	1	11	ok
PV 3	Puerto Villarroel	14 de Septiembre		CBA-CRO-PVR-14S-005-S1-P1	Centrolobium tomentosum	228	229	229	231	0.30	68.5	-	-	-	68.51	7	7	55	ok
PV 3	Puerto Villarroel	14 de Septiembre		CBA-CRO-	Guarea	284	285	285	286	0.70	198.9	-	-	-	198.92	20	20	159	ok

				PVR-14S-005-S1-P1	rusby														
PV 3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-05-S1-P1	Centrolobium tomentosum	228	229	229	231	1.00	228.4	-	-	-	228.38	23	23	183	ok
PV 3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-01-S1-P1	Schizolobium amazonicum	246	247	247	248	1.00	-	-	-	248.3	248.28	25	25	199	ok
PV 3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-001-S3-P3	Schizolobium amazonicum	246	247	247	248	0.30	73.8	-	-	-	73.84	7	7	59	ok
PV 3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-001-S4-P4	Schizolobium amazonicum	246	247	247	248	0.50	123.1	-	-	-	123.07	12	12	98	ok
PV 3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-001-S5s-P5r	Schizolobium amazonicum	246	247	247	248	0.20	-	-	-	49.7	49.66	5	5	40	ok
PV 3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-47-S3-P3	Centrolobium tomentosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	Puerto Villarroel	Gualberto Villarroel		CBA-CRO-PVR-GVR-103-S1-P1	Centrolobium tomentosum	228	229	229	231	1.00	228.4	-	-	-	228.38	23	23	183	ok
PV 3	Puerto Villarroel	Maldonado		CBA-CRO-PVR-MAL-001-	Centrolobium tomentosum	228	229	229	231	0.25	57.1	-	-	-	57.09	6	6	46	ok

				S1-P1	tosum														
PV 3	Puerto Villaruel	Maldonado		CBA- CRO- PVR- MAL-001- S1-P1	Tapirir a guian ensis	301	302	302	303	1.05	315.7	-	-	-	315.73	32	32	253	ok
PV 3	Puerto Villaruel	San Lorenzo		CBA- CRO- PVR- SLO-10- S1-P1	Schiz olobiu m amaz onicu m	246	247	247	248	1.00	246.1	-	-	-	246.14	25	25	197	ok
PV 3	Puerto Villaruel	Valle Hermoso		CBA- CRO- PVR- VHM-10- S1-P1	Guare a rusby	284	285	285	286	0.40	113.7	-	-	-	113.67	11	11	91	ok
PV 3	Puerto Villaruel	Valle Hermoso		CBA- CRO- PVR- VHM-10- S1-P1	Schiz olobiu m amaz onicu m	246	247	247	248	0.60	147.7	-	-	-	147.68	15	15	118	ok
PV 3	Puerto Villaruel	Valle Hermoso		CBA- CRO- PVR- VHM-27- S4-P4	Schiz olobiu m amaz onicu m	246	247	247	248	1.30	-	-	-	322.8	322.77	32	32	258	ok
PV 3	Puerto Villaruel	Valle Hermoso		CBA- CRO- PVR- VHM-27- S5-P5	Guare a rusby	284	285	285	286	0.13	-	-	-	37.2	37.22	4	4	30	ok
PV 3	Puerto Villaruel	Valle Hermoso		CBA- CRO- PVR- VHM-27- S5-P5	Schiz olobiu m amaz onicu m	246	247	247	248	0.37	-	-	-	91.9	91.86	9	9	73	ok
PV 3	Puerto Villaruel	Valle Hermoso		CBA- CRO- PVR- VHM-27- S6s-P6r	Guare a rusby	284	285	285	286	0.20	-	-	-	57.3	57.26	6	6	46	ok
PV	Puerto	Valle		CBA-	Guare	284	285	285	286	0.35	-	-	-	100.2	100.21	10	10	80	ok

3	Villarroel	Hermoso		CRO-PVR-VHM-27-S7-P7	a rusby														
PV 3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-27-S7-P7	Schiz olobiu m amaz onicu m	246	247	247	248	0.65	-	-	-	161.4	161.38	16	16	129	ok
PV 3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-38-S3-P3	Guare a rusby	284	285	285	286	0.02	-	-	-	5.7	5.73	1	1	5	ok
PV 3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-38-S3-P3	Schiz olobiu m amaz onicu m	246	247	247	248	0.08	-	-	-	19.9	19.86	2	2	16	ok
PV 3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-38-S4-P4	Guare a rusby	284	285	285	286	0.11	31.3	-	-	-	31.26	3	3	25	ok
PV 3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-38-S4-P4	Schiz olobiu m amaz onicu m	246	247	247	248	0.79	194.4	-	-	-	194.45	19	19	156	ok
PV 3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-38-S5-P5	Guare a rusby	284	285	285	286	0.18	51.2	-	-	-	51.15	5	5	41	ok
PV 3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-38-S5-P5	Schiz olobiu m amaz onicu m	246	247	247	248	0.42	103.4	-	-	-	103.38	10	10	83	ok
PV 3	Puerto Villarroel	Valle Hermoso		CBA-CRO-PVR-VHM-11-	Centr olobiu m tomen	228	229	229	231	0.02	-	-	-	4.6	4.61	0	0	4	ok

				S5-P5	tosum														
PV 3	Puerto Villaruel	Valle Hermoso		CBA- CRO- PVR- VHM-11- S5-P5	Schiz olobiu m amaz onicu m	246	247	247	248	0.38	-	-	-	94.3	94.35	9	9	75	ok
PV 3	Puerto Villaruel	Valle Ivirza		CBA- CRO- PVR-VIZ- 15-S4-P1	Centr olobiu m tomen tosum	228	229	229	231	1.00	228.4	-	-	-	228.38	23	23	183	ok
PV 3	Puerto Villaruel	Valle Ivirza		CBA- CRO- PVR-VIZ- 80-S1-P1	Centr olobiu m tomen tosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	Puerto Villaruel	Villa Verde		CBA- CRO- PVR- VVD-042- S1-P1	Centr olobiu m tomen tosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	Rurrenabaq ue	Propiedad Privada		BEN- JBA- RBQ- RUP-11- S 1-P1	Calop hyllu m brasili ense	212	213	213	215	0.09	-	-	-	19.3	19.32	2	2	15	ok
PV 3	Rurrenabaq ue	Propiedad Privada		BEN- JBA- RBQ- RUP-11- S 1-P1	Centr olobiu m tomen tosum	228	229	229	231	0.16	-	-	-	36.9	36.88	4	4	30	ok
PV 3	Rurrenabaq ue	Propiedad Privada		BEN- JBA- RBQ- RUP-11- S 1-P1	Tecto na grandi s	247	248	248	249	0.25	-	-	-	62.3	62.35	6	6	50	ok
PV 3	San Borja	Colonia Espontane a Sumaj Orko		BEN- JBA-SBJ- CES-11- S1-P1	Centr olobiu m tomen tosum	228	229	229	231	0.20	45.7	-	-	-	45.68	5	5	37	ok
PV 3	San Borja	Colonia Espontane a Sumaj Orko		BEN- JBA-SBJ- CES-11- S1-P1	Dipter yx odorat a	275	276	276	277	0.30	82.5	-	-	-	82.48	8	8	66	ok

PV 3	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-026-S 1-P1	Centrolobium tomentosum	228	229	229	231	0.10	-	-	-	23.1	23.05	2	2	18	ok
PV 3	San Borja	Villa Imperial	BEN-JBA-SBJ-IMP-026-S 1-P1	Strypchnodendron purpureum	261	262	262	263	0.40	-	-	-	105.4	105.39	11	11	84	ok
PV 3	San Buenaventura	25 de Mayo	LPZ-ITU-SBV-25M-038-S1-P1	Centrolobium tomentosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	San Buenaventura	Bohemio	LPZ-ITU-SBV-BOH-022-S1-P1	Centrolobium tomentosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	San Buenaventura	El Dorado	LPZ-ITU-SBV-EDR-1-S1-P1	Centrolobium tomentosum	228	229	229	231	2.00	-	-	-	461.0	461.05	46	46	369	ok
PV 3	San Buenaventura	El Dorado	LPZ-ITU-SBV-EDR-1-S1-P2	Centrolobium tomentosum	228	229	229	231	2.00	-	-	-	461.0	461.05	46	46	369	ok
PV 3	San Buenaventura	Hurehuapo	LPZ-ITU-SBV-HUR-10-S1-P1	Strypchnodendron purpureum	261	262	262	263	0.70	-	-	-	184.4	184.44	18	18	148	ok
PV 3	San Buenaventura	La Esmeralda	LPZ-ITU-SBV-LEM-7-S4-P1	Strypchnodendron purpureum	261	262	262	263	0.60	130.7	-	-	-	130.67	13	13	105	ok
PV 3	San Buenaventura	San Isidro	LPZ-ITU-SBV-SID-33-S8-P1	Centrolobium tomentosum	228	229	229	231	0.55	-	-	-	461.0	461.05	46	46	369	Replanted
PV 3	San Buenaventura	San Isidro	LPZ-ITU-SBV-SID-	Strypchnodendron	261	262	262	263	0.45	-	-	-	263.5	263.48	26	26	211	Replanted

	a			33-S8-P1	ndron purpu reum														
PV 3	San Buenaventur a	San Silvestre		LPZ-ITU- SBV- SSR-1- S1-P1	Centr olobiu m tomen tosum	228	229	229	231	0.40	114.2	-	-	-	114.19	11	11	91	ok
PV 3	San Buenaventur a	San Silvestre		LPZ-ITU- SBV- SSR-1- S1-P1	Stryp hnode ndron purpu reum	261	262	262	263	0.10	130.7	-	-	-	130.67	13	13	105	ok
PV 3	San Buenaventur a	Tumupasa		LPZ-ITU- SBV- TUM-04- S2-P1	Centr olobiu m tomen tosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	San Buenaventur a	Tumupasa		LPZ-ITU- SBV- TUM- 002-S4- P2	Centr olobiu m tomen tosum	228	229	229	231	0.60	-	-	-	138.3	138.31	14	14	111	ok
PV 3	San Buenaventur a	Tumupasa		LPZ-ITU- SBV- TUM-48- VS4-PV1	Centr olobiu m tomen tosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	San Buenaventur a	Tumupasa		LPZ-ITU- SBV- TUM-19- S 5-P2	Centr olobiu m tomen tosum	228	229	229	231	1.00	-	-	-	230.5	230.52	23	23	184	ok
PV 3	San Buenaventur a	Tumupasa		LPZ-ITU- SBV- TUM-50- S 2-P2	Centr olobiu m tomen tosum	228	229	229	231	0.50	-	-	-	115.3	115.26	12	12	92	ok
PV 3	Shinahota	Bolivar		CBA-TIR- SHI-BOL- 016-S1- P1	Calop hyllu m brasili ense	212	213	213	215	0.15	31.9	-	-	-	31.87	3	3	25	ok
PV 3	Shinahota	Bolivar		CBA-TIR- SHI-BOL- 016-S1- P1	Centr olobiu m tomen	228	229	229	231	0.10	22.8	-	-	-	22.84	2	2	18	ok

					tosum														
PV 3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S1-P1	Guare a rusby	284	285	285	286	0.15	42.6	-	-	-	42.63	4	4	34	ok
PV 3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S2-P2	Calop hyllu m brasili ense	212	213	213	215	0.20	42.5	-	-	-	42.49	4	4	34	ok
PV 3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S2-P2	Centr olobi m tomen tosum	228	229	229	231	0.20	45.7	-	-	-	45.68	5	5	37	ok
PV 3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-016-S2-P2	Guare a rusby	284	285	285	286	0.20	56.8	-	-	-	56.83	6	6	45	ok
PV 3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-109-S1-P1	Calop hyllu m brasili ense	212	213	213	215	0.36	76.5	-	-	-	76.49	8	8	61	ok
PV 3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-109-S1-P1	Guare a rusby	284	285	285	286	0.72	204.6	-	-	-	204.61	20	20	164	ok
PV 3	Shinahota	Bolivar		CBA-TIR-SHI-BOL-109-S1-P1	Tapir a guian ensis	301	302	302	303	0.92	276.6	-	-	-	276.64	28	28	221	ok
TOTAL															61296	6,130	6,130	49,037	

Annex 3. Land Loss 2014-2016

Land Lost in 2014

PV	Municipality	Community	Farmers name	Unique sector code	Tree specie planted	Net GHG removal (tCO2e/ha)				Surface area planted (Ha)	Total Net GHG removal per strata (tCO2e)					Not sold (buffer ArBolia) tCO2e	Buffer Plan Vivo (tCO2e)	For Sale exante tCO2e	Remark
						Perennial (tCO2e/ha)	Grassland (tCO2e/ha)	Grassland with trees (tCO2e/ha)	Annual (tCO2e/ha)		Perennial	Grassland	Grassland with trees	Annual	Total tCO2e				
PV1	San Buenaventura	Colorado	Eloy Miranda Canaviri ;	LPZ-ITU-SBV-CLD-00-S1-P1b	Tectona grandis	247	248	248	249	0.30	-	-	-	74.8	75	7	7	60	Failed < 2013
PV2	Rurrenabaque	El Bala	Jose Luis Toro Chino;	BEN-JBA-RBQ-EBA-07-SL1-PL1	Dipteryx odorata	275	276	276	277	0.42	-	-	-	116.4	116	12	12	93	Failed < 2013
PV2	Rurrenabaque	El Bala	Jose Luis Toro Chino;	BEN-JBA-RBQ-EBA-07-SL1-PL1	Terminalia amazonia	276	277	277	278	0.08	-	-	-	22.3	22	2	2	18	Failed < 2013
PV2	San Borja	El Palmar	Flora Yapura Yucra;	BEN-JBA-SBJ-EPR-041-S1-P1	Calophyllum brasiliense	212	213	213	215	0.10	-	-	-	21.5	21	2	2	17	Failed < 2014
PV2	San Borja	El Palmar	Flora Yapura Yucra;	BEN-JBA-SBJ-EPR-041-S1-P1	Dipteryx odorata	275	276	276	277	0.10	-	-	-	27.7	28	3	3	22	Failed < 2014
PV2	San Borja	El Palmar	Flora Yapura Yucra;	BEN-JBA-SBJ-EPR-041-S6-P6	Calophyllum brasiliense	212	213	213	215	0.50	-	-	-	107.3	107	11	11	86	Failed < 2014
PV2	San Borja	Villa Imperial	Victor Hugo Yapura Ortiz;	BEN-JBA-SBJ-IMP-06-S1-P1	Calophyllum brasiliense	212	213	213	215	0.45	-	-	-	96.6	97	10	10	77	Failed < 2014
PV2	San Borja	Villa Imperial	Victor Hugo Yapura Ortiz;	BEN-JBA-SBJ-IMP-06-S1-P1	Stryphnodendron purpureum	261	262	262	263	0.30	-	-	-	-	-	-	-	-	Failed < 2014 r
PV2	San Borja	Yacumita	Delicia	BEN-JBA-SBJ-	Terminalia	276	277	277	278	0.10	27.6	-	-	-	28	3	3	22	Failed <

			Huallata Lero;	YAC-010-S5- P4	amazonia														2014
PV2	San Buenaventura	Tumupasa	Roger Terraza s Gonzale s;	LPZ-ITU-SBV- TUM-01-S1-P2	Dipteryx odorata	275	276	276	277	0.50	-	-	-	138.5	139	14	14	111	Failed < 2014
										2.85					632.70				

Land Loss in 2015 - 2016

PV	Municipality	Community	Farmers name ⁶	Unique sector code	Tree specie planted	Net GHG removal (tCO2e/ha)				Surface area planted (Ha)	Total Net GHG removal per strata (tCO2e)					(buffer ArBolia)	Buffer Plan Vivo (tCO2e)	For Sale exante tCO2e	Remark
						Perennial (tCO2e/ha)	Grassland (tCO2e/ha)	Grassland with trees (tCO2e/ha)	Annual (tCO2e/ha)		Perennial	Grassland	Grassland with trees	Annual	Total tCO2e				
P V 1	San Buena ventur a	Everest		LPZ-ITU-SBV- EVE-011-S1-P2	Cedrela fissilis	228	229	229	231	0.03	-	-	-	6.9	7	1	1	6	Failed
P V 1	San Buena ventur a	Everest		LPZ-ITU-SBV- EVE-011-S1-P2	Dipteryx odorata	275	276	276	277	0.47	-	-	-	130.2	130	13	13	104	Failed
P V 2	Rurren abaqu e	Collana		BEN-JBA-RBQ- CLL-41-S1-P1	Tectona grandis	247	248	248	249	1.00	-	-	-	249.4	249	25	25	200	Failed
P V 2	Rurren abaqu e	Collana		BEN-JBA-RBQ- CLL-32-S1-P1	Tectona grandis	247	248	248	249	0.20	49.4	-	-	-	49	5	5	40	Failed
P V 2	Rurren abaqu e	Nueva Espera nza		BEN-JBA-RBQ- NEZ-01-S1-P1	Tectona grandis	247	248	248	249	0.18	-	-	-	124.7	125	12	12	100	Failed
P V 2	Rurren abaqu e	Villa El Carmen		BEN-JBA-RBQ- VCM-18-S1-P2	Stryphnod en purpureum	261	262	262	263	0.10	-	-	-	131.7	132	13	13	105	Failed
P V	Rurren abaqu e	Villa El Carmen		BEN-JBA-RBQ- VCM-18-S1-P2	Tapirira guianensis	301	302	302	303	0.40	-	-	-	121.1	121	12	12	97	Failed

⁶ Due to data protection regulations, the names of farmers have been removed from the public version of this document

2	e																		
P V 2	Rurren abaque	Villa El Carmen		BEN-JBA-RBQ- VCM-18-S1-P2	Virola flexuosa	201	202	202	203	-	-	-	-	-	-	-	-	-	Failed
P V 2	San Borja	Borjanit a		BEN-JBA-SBJ- BOR-(001)09- S1-P1	Stryphnoden dron purpureum	261	262	262	263	0.50	-	-	-	131.7	132	13	13	105	Failed
P V 2	San Borja	Borjanit a		BEN-JBA-SBJ- BOR-(001)09- S1-P1	Terminalia oblonga	226	227	227	228	0.50	-	-	-	114.2	114	11	11	91	Failed
P V 2	San Borja	Villa Imperial		BEN-JBA-SBJ- IMP-031-S1- P2b	Tectona grandis	247	248	248	249	0.50	123. 6	-	-	-	124	12	12	99	Failed
P V 2	San Borja	Yacumit a		BEN-JBA-SBJ- YAC-008-S1-P1	Tectona grandis	247	248	248	249	0.26	-	-	-	59.9	60	6	6	48	Failed
P V 2	San Borja	Yacumit a		BEN-JBA-SBJ- YAC-008-S2-P2	Terminalia oblonga	226	227	227	228	0.06	-	-	-	6.9	7	1	1	5	Failed
P V 2	San Buena aventur a	Propied ad Privada		LPZ-ITU-SBV- SBP-022-S3-P2	Centrolobiu m tomentosum	228	229	229	231	0.20	-	-	-	230.5	231	23	23	184	Failed
P V 2	San Buena aventur a	Santa Ana		LPZ-ITU-SBV- STA-10-S1-P1a	Tectona grandis	247	248	248	249	0.70	-	-	-	174.6	175	17	17	140	Failed
										5.10					1,654.88				

Total land loss: 7.95 ha

Annex 4. Historic Sales Chart

Vintage	Destination Account Name	Quantity	Price per certificate	Total Amount Received (US\$)
2010	ForestFinance	10,034		
2010	Clearway Sustainability Resources Ltd	100		
2010	COZero Pty Ltd	100		
2010	Sydney Convention & Exhibition Centre	100		
2010	ZeroMission AB	2463		
2010	ZeroMission AB	525		
2010	ZeroMission AB	93		
2011	ZeroMission AB	93		
2011	ZeroMission AB	2604		
2011	ZeroMission AB	2303		
2011	ZeroMission AB	307		
2011	Retired (Lifegate)	5000		
2011	ZeroMission AB	500		
2011	ZeroMission AB	2363		
2011	ZeroMission AB	500		
2011	ZeroMission AB	1287		
2011	Retired (D M & K E Brotherton)	85		
2011	Retired (Ecology Building Society)	838		
	Total to 31/12/14	29,295		
	Total 01/01/2015 to 31/12/2015	-		
2011	ZeroMission AB	4063		
2011	ZeroMission AB	479		

2011	Greenamity	182		
2011	Retired (Ecology Building Society)	339		
2011	Retired (Ecology Building Society)	231		
2011	Unsold Stock	177		
	Total 01/01/2016 to 31/12/2016	5,471		
	GRAND TOTAL	34,766		