Plan Vivo Annual Report 2017

4th April 2018

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SICIREC BOLIVIA ltda

Contenido

Arbolivia

Annual report year 2017

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Date of submission: 4.04.2018

Summary

Project overview

Reporting period	01.01.2017 – 31.12.2017 (1 year)
Geographical areas	Cochabamba Tropics, Ichilo province (dpt. Santa Cruz), province Iturralde (dpt La Paz), province J.Balivian (dpt Beni), Bolivia
Technical specifications in use	Mixed Species Forest Plantation

Project indicators	Historical (2011-2016)	Added/ Issued this period (2017)	Total
No. smallholder households with PES agreements	179 (- 2 smallholder dropouts)	18	195
No. community groups with PES agreements by Dec 2017	62	2	64
Approximate number of households (or individuals) in these community groups	n/a	75 (est)	75
Area under management (ha) where PES agreements are in place	238.5 ha (- 1.5 ha due to smallholder dropouts)	24.7	261.7[1]
Total PES payments made to participants (USD)	184,590	28,596	213,186
Total sum held in trust for future PES payments (USD)	n/a		
Allocation to Plan Vivo buffer (tCO_2)	6,130	573	6,703
Saleable emissions reductions achieved (tCO_2)	49,037	4,583	53,620
Unsold Stock at time of Submission (PVC)			
Vintage 2016			6,669
Plan Vivo Certificates (PVCs) issued to date			**49,037**
Plan Vivo Certificates requested for issuance (2017 Vintage)			**4,583**
Plan Vivo Certificates available for future issuance (REDD only)			**0**
Total PVCs issued (including this report)			**53,620**

[1] For a full overview, please refer to table 4 and table 5 (1.5 ha lost due to fires)

Part A: Project updates

A1 Key events

This document provides a report on the plantations established, maintained and validated under Plan Vivo between 2008 and 2016 and on new plantations brought under the Plan Vivo Standard in 2017. Those Plantations, established prior to October 2016 were successfully verified in 2016 (see certification report, from March 2017). Whilst the next certification is not actually due until 2021, a further audit is already planned for June 2018, due to the requirements of a specific funding partner.An intermedium audit is planned for the second half of 2018, on request of a client willing to obtain certified vintages, for 2017 and 2018.

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. In 2017 PV plantations have also now been established in Ichilo province in Santa Cruz.

Figure 2.1: Location of the "Rurrenabaque" area

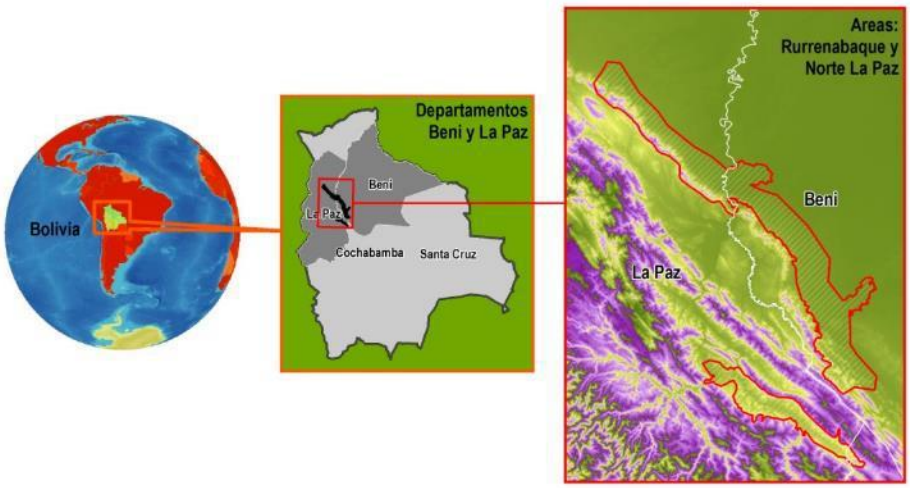
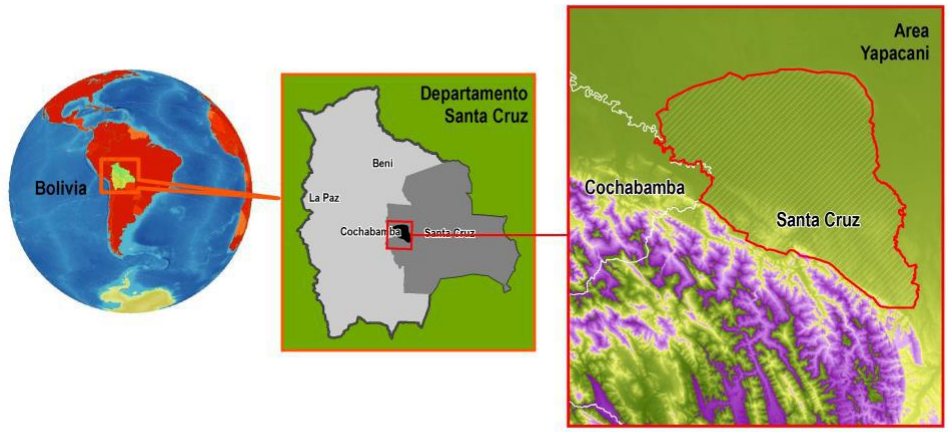


Figure 2.2: Location of the Cochabamba Tropics area

Figure 2.3: Location of the province Ichilo, Santa Cruz



A2 Successes and challenges

During 2017, the following developments and challenges are worth mentioning:

- Certification:
  - Control Union completed the first verification report
- Monitoring
  - The number of permanent sample plots has been extended with a further 24 plots (from 58 to 82). The 24 new plots have been evaluated in 2017 and 21 existing plots have been re-measured and evaluated, according to the monitoing plan.

- An Additional 12 non-permanent sample plots have been established, evaluated and analysed. In another 50 sample plots further data still needs to be introduced into the monitoring system and this will be completed before the new audit planned for June 2018.
- Regular monitoring of all PV-plantations on growth and development of plantations, quality, silvicultural management, as well as payments is done on all PV-farms.
- Annual meetings with the 11 forestry committees are used to monitor social acceptance, social embedding, potential problems, and capacity building needs, and take action if necessary.
- An environmental and biodiversity impact evaluation and socio-economic impact evaluation was completed in 2013 and accordance with the PDD and this will be repeated in the first half of 2018.

- Training;

  Training for the smallholders has been conducted together with the forestry committees on:
  - Integrated land use planning (for all farmers)
  - Integrated farm business planning for 123 farmers
  - Plantation management (weeding, pruning, thinning, pest- and disease prevention & control, fire prevention & control, and biodiversity)
  - Legal issues regarding owenship of the plantation
- Thinning of the plantations has continued in 2017, resulting in saleable products from the Cochabamba Tropics area.

11 formal training events have been organized via the forestry committees. All farmers receive regular visits which are used for on-site training.

A3 Project developments

Legal registration of the plantations with the Forestry Authority:

- The ArBolivia staff have been participating actively over the last few years in the elaboration of integrated land- and forestry policies with the National Forestry Authority, sharing the experiences obtained under the ArBolivia project. This work has continued throughout 2017.
- Registration is necessary to facilitate future harvesting and improve the control of the Forest Authority (ABT) over illegal wood exploitation in the future. This is also of benefit

for the project. Although the rules and regulations have now become clearer at the national level, the registration process itself is still only progressing very slowly. This is because it has to be done by the local forest authority offices, which lack staff and operate with a high level of bureaucracy. Probably the main issue however is the different interpretation of the regulations at local level. Procedures are not always clear and their interpretation varies from department to department. After a process of developing the requirements together with the forest authorothy (ABT) at national and department level this process has been going relatively smoothly in Cochabamba and in Santa Cruz. However, during this reporting period the National Service on National Parks (SERNAP) came up with additional requirements before being able to register the plantations with the ABT. The ABT required a written statement from SERNAP that the reforestation activities are in line with their conservation strategies. SERNAP then required that each plantation should be certified separately by them as well. However they do not have the institutional capacity to cope with this and are unable to proceed with their own requirements. This is causing unnecessary delays in registration.

- In 2017 the project succeeded in registering the first plantations in the departments Beni and La Paz.
- Sicirec has regular meetings at all levels within the ABT and at national level in order to try and improve this situation. 6 seminars have been held at national level with the ABT, in which smallholders, participated as well as officials from the ABT on local, regional and national level and officials from SERNAP. The conclusion from these seminars was that whilst the aim of the rules and regulations should be to support reforestation activiites by smallholders, in practice the current rules and regulations are causing uneccesary bureaucracy, which discourages farmers from planting. The ABT is now willing to simplify rules and regulations for tree-planting and for the use of timber from woodlots. However The ABT has made it clear that the traceability of wood remains a key issue and that any simplification of rules should not lead to more illigal logging. More specifically:
    - Sicirec is supporting the ABT at national level in the development of new and clearer regulations, especially since the official government policy is to support plantation forestry.
    - Sicirec Bolivia agreed with the ABT to share its knowledge in monitoring woodlots, agoroforetry systems and integrated land use with the aim of lowering the barrier for farmers to improve their land use and implement the integrated management of forests and land, including tree plantig and climate smart agriculture.

A4 Future Developments

In addition to the trees, the new Plan Vivo farmers received either fruit trees or coffee or cocoa bushes. These new trees together with general improvements in land use planning lead to an increase in the amount of biomass on the farm. Improved land-use planning also aims to reduce levels of of deforestation and improve resilience to climate change.

Technical specifications for the agroforestry systems have been prepared and will be submitted to PV shortly. Once approved, a separate report will be presented covering these extra certificates.

In 2018 Sicirec Bolivia will continue its effforts with the ABT to support the further development of policies for integrated forest and land management . It will also continue to implement activities with its communities and smallholders in line with these policies. The Plan Vivo farmers will play a crucial role in this since the management of the land and forest by Plan Vivo farmers offers an example of how such a policy can be implemented nationally in accordance with Bolivia's Nationally Determined Contribution

In 2017, Sicirec Bolivia developed a plan for the harvesting of Tonka Beans *(Dipteryx odorata)* from natural or planted forests together with officials from the ABT. This development and other non-Timber Forest Products, (such as seed production for the nurseries) will become an important strategy to develop new activities for avoiding deforestation with the smallhidlers and indigenous groups during 2018.

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
Mixed Species Forest Plantation	*261.7*	*195*	*64*

In 2017, 18 new farmer families joined the programme - 12 were from communities where other farmer families already participated and 6 from new communities and 2 famers who participated already and extended their woodlots under Plan Vivo. Forest fires affected the plantations of 2 farmers, and at this moment the farmers are not willing to replant. These farmers have no other plantations with the program and therefor are not considered as part of the programme anymore, see table 4.

							Total Net GHG removal per strata (tCO2e)							
PV	Year	Municipality	Farmers name	Unique sector code	Tree specie planted	Surface planted (Ha)	Perennial	Grass land	Grass land with trees	Annual	Total tCO2e	Retained (10%) by ArBolivia (tCO2e)	Buffer Plan Vivo (tCO2e)	Issuance (tCO2e)
PV2	2008	Rurrenabaque	Marcelo Camacho Albiz;	BEN-JBA-RBQ-CLL-21-S1-P1	Virola flexuosa	0,45	-	-	91	-	91	9	9	**73**
PV2	2011	Rurrenabaque	Marcelo Camacho Albiz;	BEN-JBA-RBQ-CLL-21-S1-P1	Tapirira guianensis	0,05	-	-	15	-	15	2	2	**12**
PV1	2009	San Buenaventura	Jaime Duval Quetehuari;	LPZ-ITU-SBV-BNT-19-S1-P1	Centrolobium tomentosum	1,00	-	-	-	231	231	23	23	**184**
PV1	2009	San Buenaventura	Jaime Duval Quetehuari;	LPZ-ITU-SBV-BNT-19-S1-P1	Centrolobium tomentosum	1,00	-	-	-	231	231	23	23	**184**
											567	57	57	**453**

Table 4: Details of farmers dropped out of the PV program.

For all new farmers 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 ensures that tree planting is not competing with their income or food security in the short, mid and long term. In addition to this, and part of the Land Use Plan, farmers receive advice on improved cropping practices and agroforestry systems are also established (fruit trees, cacao, coffee etc..) on an area equal to 20% of the eligible tree planting area. Regular monitoring is carried out to ensure that there are no negative impacts on food security or crop production in general within the project area.

The project also plays an important role in enabling farmers to use their trees as a collateral, so that they can access to small loans from mico- financing institutes and banks in order to support sustainable agricultural production through improved cropping methods and the harvesting and marketing of beans, peanuts, cacao and coffee.

The objective of the tree planting activities is to produce quality hardwood timber. In order to develop markets for these products at an earlier stage Sicirec Bolivia is involved in the harvesting, processing and marketing of wood products. In 2017 thinning operations were conducted in several Plan Vivo woodlots and the wood has been sold as poles in Santa Cruz.

Part C: Plan Vivo Certificate issuance submission

C1 Contractual statement

Issuance is based on signed PES agreements with the 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 (e.g. woodlots, calculated *ex-ante*)

During 2017 another 24.7 hectares have been brought under Plan Vivo, these hectares generated a total of 5,729 tn CO2e.

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

Tech. Spec. used	No of participants/ groups allocated	Total area allocated (ha)	Carbon Potential (tCO_2/ha)	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
Mixed Species Forest Plantation	*20*	*24.7*	*refer to table 12*	*5,729*	*10%*	*573*	*573*	*4,583*
TOTAL				*5,729*		*573*	*573*	*4,583*

As stated in the PDD the buffer is 10% in accordance with Plan Vivo requirements. An extra buffer of 10% is maintained by the project itself.

Table 5 shows the consolidated surface per issuance, and the extent of failed woodlots up to the 31st of December 2017.

Table 5: Summary of consolidated and failed surface.

Plantations	Year/report reported surface (HA)				Total surface (Ha)
	2011-PV1	2013-PV2	2016-PV3	2017-PV4	
New (planted in 2017)				24.7	**24.7**
Area meeting monitoring targets	69.8	99.8	49.2		**218.8**
Partially failed plantation	1.9	7.2	0.7		**9.8**
Replanted failed plantations	1.2	7.0	0.3		**8.5**
Subtotal of consolidated plantations	**72.9**	**113.9**	**50.2**	**24.7**	**261.7**
Failed plantations not yet replanted	2.8	5.5			**8.3**
Total	75.7	119.4	50.2	24.7	**270.0**

Experience in site selection has also improved plantation design for protection against forest fires, which resulted in an absence of losses for plantations established during 2015 and 2016.

The project's Plan Vivo buffer contribution from 238.5 hectares as per 31-12-2016 was 12,260 tCO_2e and the project has issued 49,037 saleable PVCs. Table 6 a comparison is show of earlier issuances and the new issuance.

Table 6: Comparison of previous split and new issuance

	Total ERR	Ha	Issuance	PV buffer contribution	Withheld by project	Comments
TOTAL (2011-2016 issuance)	61,296	238.5	49,037	6,130	6,130	20% voluntary buffer originally withheld
Split			80%	10%	10%	As a percentage of original total carbon benefits
Total (incl. 2017 issuance)	65,691	261.7	53,670	6,569	5,501	Shortfall of 1,068 tCO_2 because of plots not meeting monitoring targets and areas lost to forest fires have been deducted from the project's voluntary held buffer account. Areas will be replanted in 2018 with the intention of bringing back the project's buffer to 10%
Split			81.7%	10.0%	8.4%	

C3 Allocation of issuance request

An agreement has been signed with Forest Carbon for 10,042 tonnes. This will be satisfied from the 6,669 PVCs currently unsold together with 3,373 of the 4,583 PVCs requested. 107 Units have been ordered by Greenamity. The society also has a further agreement with Forest Carbon for 36,000 tonnes, which will be satisfied following a further issuance on acceptance of a revised technical specification for agro-forestry activities. ZeroMission has also indicated interest in at least 4,000 tonnes. Furrther ad hoc demand is also anticipated.

Table 7: 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
Forest Carbon		*3373*		*Mixed Species Forest Plantation*
Greenamity		*107*		*Mixed Species Forest Plantation*
Unsold Stock		*1103*		*Mixed Species Forest Plantation*
TOTAL		**4,583**		

C4 Data to support issuance request

Data from permanent sample plots, which has been certified by Control Union, showed that the projected growth rates have been rather conservative. Before requesting the issuance of additional certificates as a result of higher than previously projected growth rates, the project would like to add at least one more year of measurements. In respect of the failure of plantations, it should be noted that 2.5 hectares from the first issuance have been lost due to forest fires and these will be replanted during 2018. This equals to an amount of 453tn CO2e. In the meantime, this shortfall is covered by the voluntary 10% buffer the project withholds in case of such occurrences.

Table 8: Tree species planted and average carbon stocks

		Strata							
Specie	Common name	Annual	Grassland	Grassland with trees	Perennial	Total average GHG removal (tCO2e)	Plan Vivo Buffer (tCO2e)	Retained by ArBolivia (tCO2e)	Total PV certificates (tCO2e)
Buchenavia oxicarpa	Verdolago negro (pepa)	257			232	489	49	49	391
Calophyllum brasiliense	Palo maría	1.537	224	254	992	3.007	301	301	2.405
Cedrela fissilis	Cedro	5				5	0,5	0,5	4
Centrolobium tomentosum	Tejeyeque	8.064			8.576	16.639	1.664	1.664	13.311
Dipteryx odorata	Almendrillo	5.386			4.204	9.590	959	959	7.672
Guarea rusby	Trompillo de altura	1.005	71		2.697	3.773	377	377	3.018
Hymenaea courbaril	Paquio	213				213	21	21	170
Schizolobium amazonicum	Serebo	1.112			889	2.001	200	200	1.601
Stryphnodendron purpureum	Palo yugo	2.814	105		805	3.724	372	372	2.979
Swietenia macrophylla	Mara	30			2	32	3	3	26
Tapirira guianensis	Palo román	3.595			1.134	4.728	473	473	3.783
Tectona grandis	Teca	17.749			991	18.740	1.874	1.874	14.992
Terminalia amazonia	Verdolago negro (ala)	891		155	569	1.616	162	162	1.292
Terminalia oblonga	Verdolago amarillo (ala)	808			226	1.035	103	103	828
Virola flexuosa	Gabún	97			2	99	10	10	80
Used from retained tCO2e by								- 1.068	1.068
Added to buffer									-
Total		43.562,83	400,16	409,12	21.318,47	65.691	6.569	5.501	53.620

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 UK-based society "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 9: 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
Sales 2017						
2011	Greenamity	177				62%
2011	Greenamity	38				62%
2016	Greenamity	170				62%
2011	ZeroMission AB	2,178				71%
2011	ZeroMission AB	1,431				71%
2011	ZeroMission AB	24				71%
2011	ZeroMission AB	28				71%
2016	ZeroMission AB	3,537				71%
subtotal sales 2017		**7,583**				**70%**
Previously sold:						
2010	ForestFinance	10,034				69%
2010	COZero Pty Ltd	100				69%
2010	Sydney Convention & Exhibition Centre	100				69%
2010	ZeroMission AB	2,463				69%
2010	ZeroMission AB	525				69%
2010	ZeroMission AB	93				69%
2011	ZeroMission AB	93				69%
2011	ZeroMission AB	2,604				69%
2011	ZeroMission AB	2,303				69%
2011	ZeroMission AB	307				69%
2011	Retired (Lifegate)	5,000				69%
2011	ZeroMission AB	500				69%
2011	ZeroMission AB	2,363				69%
2011	ZeroMission AB	500				69%
2011	ZeroMission AB	1,287				69%
2011	Retired (D M & K E Brotherton)	85				69%

Vintage	Buyer	No of PVCs	Price per PVC ($)*	Total sale amount ($)*	Price to participants per PVC ($)*	% Sale price received by participants
2011	Retired (Ecology Building Society)	838				69%
2011	ZeroMission AB	4,063				69%
2011	Zero Mission	4,063				69%
2011	Zero Mission	479				69%
2011	Greenamity	182				69%
2011	Ecology Building Society	339				69%
2011	Ecology Building Society	231				69%
Subtotal sales 2011 – 2016		**38,552**				
Total sales 2011 – 2017		**46,135**				

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 10: New land added in 2017

Farmers name[2]	Surface planted (Ha)	Total tCO2e	Not sold (buffer ArBolivia) tCO2e	Buffer Plan Vivo (tCO2e)	Saleable ex-ante tCO2e
	1.8	395,7	39,6	39,6	316,5
	0.7	159,9	16,0	16,0	127,9
	2.0	461,0	46,1	46,1	368,8
	1.3	329,4	32,9	32,9	263,5
	1.0	263,5	26,3	26,3	210,8
	1.0	228,4	22,8	22,8	182,7
	1.0	226,8	22,7	22,7	181,5
	1.0	228,4	22,8	22,8	182,7
	3.0	685,1	68,5	68,5	548,1
	1.0	228,4	22,8	22,8	182,7
	3.5	802,5	80,3	80,3	642,0
	1.0	230,5	23,1	23,1	184,4
	0.5	115,3	11,5	11,5	92,2
	1.0	236,9	23,7	23,7	189,5
	0.5	131,7	13,2	13,2	105,4
	1.0	228,4	22,8	22,8	182,7
	0.7	161,4	16,1	16,1	129,1
	1.0	212,5	21,2	21,2	170,0
	0.8	172,9	17,3	17,3	138,3
	1.0	230,5	23,1	23,1	184,4
Total	**24.7**	**5,729.1**	**572.9**	**572.9**	**4,583.3**

Existing plantations were maintained and silvicultural management was applied as shown in the table 11. The total surface, including the 24.7 new hectares is 261.7 hectares.

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

Table 11: Surface maintained per community under the Plan Vivo Standard

Department	Municipality	Community	Surface maintained (ha)	Farmer families with agreement
BENI	Reyes	Propiedad Privada	4,0	2
BENI	Reyes	San Jose	2,0	2
BENI	Rurrenabaque	Carmen Soledad	3,3	3
BENI	Rurrenabaque	Cauchal Nucleo 66	1,0	1
BENI	Rurrenabaque	Collana	5,1	4
BENI	Rurrenabaque	Colorado Bajo Nucleo 34	5,0	6
BENI	Rurrenabaque	Com. Villa Jichani	1,0	1
BENI	Rurrenabaque	Cuatro Ojitos Nucleo 40	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
BENI	Rurrenabaque	Nuevos Horizontes	2,0	2
BENI	Rurrenabaque	Propiedad Privada	9,1	10
BENI	Rurrenabaque	San Antonio del Cauchal	1,0	1
BENI	Rurrenabaque	San Bernardo	1,5	1
BENI	Rurrenabaque	San Miguel	0,9	1
BENI	Rurrenabaque	Ticala Linares	2,0	2
BENI	Rurrenabaque	Uncallamaya	0,5	1
BENI	Rurrenabaque	Villa El Carmen	0,7	1
BENI	San Borja	Borjanita	1,0	1
BENI	San Borja	Colonia Espontanea Sumaj Orko	0,5	1
BENI	San Borja	Comunidad Los Cerritos	0,8	1
BENI	San Borja	El Palmar	1,3	2
BENI	San Borja	Embocada	0,5	1
BENI	San Borja	Inca Suyo	2,0	3
BENI	San Borja	Marca Coroico	1,5	2
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	8,6	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

Department	Municipality	Community	Surface maintained (ha)	Farmer families with agreement
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	1,5	2
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
LA PAZ	San Buenaventura	Esmeralda 1	0,8	1
LA PAZ	San Buenaventura	Everest	1,1	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	14,9	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	15,7	13
SANTA CRUZ	Buena Vista	Izama 1	8,5	3
SANTA CRUZ	Buena Vista	Izama 2	2,7	3
Total			**261.7**	**196**

The cumulative amount of carbon is calculated over the current existing and consolidated total surface of plantations, established under PV1&2&3&4, respectively reports for year 2011, 2013, 2016 and 2017. For detailed information on these woodlots, 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. However a small number of the visits planned during the first two years have 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 basis, as well as in groups.

The visits are carried out according to the following scheme:

1. During the 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 older plantations, most emphasis is made on pruning and thinning.

Table 12: Tree species planted and maintained per strata (surface in Ha)

		Strata				
Specie	Common name	Annual	Grassland	Grassland with trees	Perennial	**Total average GHG removal (tCO2e)**
Buchenavia oxicarpa	Verdolago negro (pepa)	1,1	-	-	1,0	2,1
Calophyllum brasiliense	Palo maría	7,2	1,1	1,2	4,7	14,1
Cedrela fissilis	Cedro	0,0	-	-	-	0,0
Centrolobium tomentosum	Tejeyeque	35,0	-	-	37,6	72,5
Dipteryx odorata	Almendrillo	19,4	-	-	15,3	34,7
Guarea rusby	Trompillo de altura	3,5	0,3	-	9,5	13,3
Hymenaea courbaril	Paquio	0,9	-	-	-	0,9
Schizolobium amazonicum	Serebo	4,5	-	-	3,6	8,1
Stryphnodendron purpureum	Palo yugo	10,7	0,4	-	3,1	14,2
Swietenia macrophylla	Mara	0,1	-	-	0,0	0,1
Tapirira guianensis	Palo román	11,9	-	-	3,8	15,6
Tectona grandis	Teca	71,2	-	-	4,0	75,2
Terminalia amazonia	Verdolago negro (ala)	3,2	-	0,6	2,1	5,8
Terminalia oblonga	Verdolago amarillo (ala)	3,5	-	-	1,0	4,5
Virola flexuosa	Gabún	0,5	-	-	0,0	0,5
Total		173	2	2	86	261,7

E3: Socioeconomic monitoring

The project is registered under the 2008 version of the Standard, it is not required to carry out socio-economic monitoring. Annual meetings with the 11 forestry committees are used to monitor social acceptance, social embedding, potential problems and capacity building needs and take action if necessary. An in depth social impact analysis is scheduled for 2018.

E4: Environmental and biodiversity monitoring

An environmental and biodiversity impact evaluation was carried out in 2013 and will be repeated according to schedule in 2018 Field staff are also trained to report on environmental problems wherever this is noticed during regular site-evaluation. (see forms TS). Report will be 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, 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 13: Payment Schedule to Farmers

No Verif	Moment of Payment	Number of farmers	Surface (ha)	Total Amount (USD)
V-01	Establishment	200	277	25.220
V-02	Maintenance 1 (after 3 months)	200	269	13.761
V-03	Maintenance 2 (after > 6 months)	199	267	14.279
V-04	Maintenance 3 (after > 10 months)	194	261	14.561
V-05	Maintenance 4 (after > 14 months)	183	246	13.438
V-06	Maintenance 5 (after > 20 months)	177	231	12.752
V-07	Maintenance 6 (after > 26 months)	172	223	12.888
V-08	Maintenance 7 (after > 36 months)	169	222	13.439
V-09	Maintenance 8 (after > 48 months)	160	210	12.927
V-10	Maintenance 9 (after > 60 months)	149	195	11.899
V-11	Maintenance 10 (after > 72 months)	93	104	6.333
V-12	Maintenance 11 (after > 84 months)	45	41	2.466
V-13	Maintenance 12 (after > 96 months)	9	11	638
				154.602

**includes tax according Bolivian tax-regulations*

Cash payments amounting to the equivalent of 24,672 USD, have been made to farmers during this reporting period, which means accumulated payments of 154,602 USD. In addition, farmers have received citrus plants to the value of 2,583 USD which gives an accumulated value of 27,972 USD and seed for leguminous species of cover crops for the purpose of soil improvement

to the value of 500 USD. 6 farmers received 12 rolls of barbed wire with a value 840 USD, which means an accumulated value of 29.511 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 213,085 **USD. In** additional to this farmers received plant material and professional advice which is not taken into account in this table.

Table 15: 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)	41.738	5.461	47.199	N/A	N/A
PV2 (2014)	65.181	7.911	73.092	N/A	N/A
PV3 (2015/2016)	23.010	5.238	28.248	N/A	N/A
PV4 (2017)		6.062	6.062	N/A	N/A
TOTAL	**129,929**	**24,673**	**154,602**		

Table 15a: 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)	27,224		27.223	N/A	N/A
PV3 (2015/2016)	15,274		15.274	N/A	N/A
PV4 (2017)		3,923	3,923	N/A	
TOTAL	**54,661**	**3,923**	**58,484**		

Due to Bolivia's rejection of voluntary carbon mechanism, the project does not hold a PES fund. Instead, farmers receive pre-agreed payments for carrying out certain activities on their plots which are then monitored. Arbolivia is contractually obliged to make all pre-agreed payments.

Part H: Ongoing participation

H1: Recruitment

All farmers recruited in this period are listed in annex 1 of this report. Despite high demand for participation in the ArBolivia, no active recruitment has taken place in 2017 due to a lack of financial capacity. Under normal circumstances, 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 names are noted on a list. After the meeting, site-visits take place to each of the farmers. The first step is to check the legal status of the land, the whole family's, motives and the purpose of tree planting. Part of this consultation at a family level is also the collection of information on current and future land use, and how they see the role of trees. Another purpose 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 planning is made and a decision is made on the surface area and the specific sites available for tree planting, followed by a site/specie matching assessment. Final selection of farmers depends on the need for an equal geographic distribution among the project region, the availibity of tree species suitable for the site the farmer wants to assign, the time available to support the family and the length of time the farmer family has been 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 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 the 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 (Norhern La Paz), FEPAY, FECAR (Beni) and FECCT, FCIC, FUCU (Cochabamba Tropics) and as well with the indigenous organisations, the Council of Indigenous Tacana People (CIPTA). In Ichilo province the project works closely with and the farmer organisation Central Sindical Unica de trabajadores Campesinos de Buena Vista (CSUTB).

With the authorisation and help of the famers' federation and the Council of Indigenous Tacana People, 11 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 7.1 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. According the internal rules of the committees in 2017 assamblees have been organised in which, ArBolivia presened the a financial and a technical report to each of the forestry committees.

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Table 16: Community, farmer organisation and Forestry Committees

Department	Municipality	Community	Organisation	Forestry committee	Surface 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	3,3	3
BENI	Rurrenabaque	Cauchal Nucleo 66	FECAR	12 de Junio	1,0	1
BENI	Rurrenabaque	Collana	FECAR	Las Tecas	5,1	4
BENI	Rurrenabaque	Colorado Bajo Nucleo 34	FECAR	Ambiente Sano	5,0	6
BENI	Rurrenabaque	Com. Villa Jichani	FECAR	Las Tecas	1,0	1
BENI	Rurrenabaque	Cuatro Ojitos Nucleo 40	FECAR	Ambiente Sano	1,0	1
BENI	Rurrenabaque	El Bala	FECAR	Las 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		9,1	10
BENI	Rurrenabaque	San Antonio del Cauchal	FECAR	12 de Junio	1,0	1
BENI	Rurrenabaque	San Bernardo	FECAR	Las Tecas	1,5	1

Department	Municipality	Community	Organisation	Forestry committee	Surface maintained (ha)	Farmer families with agreement
BENI	Rurrenabaque	San Miguel	FECAR	Ambiente Sano	0,9	1
BENI	Rurrenabaque	Ticala Linares	FECAR	Las Tecas	2,0	2
BENI	Rurrenabaque	Uncallamaya	FECAR	Las Tecas	0,5	1
BENI	Rurrenabaque	Villa El Carmen	FECAR	12 de Junio	0,7	1
BENI	San Borja	Borjanita	FEPAY	Ambiente Sano	1,0	1
BENI	San Borja	Colonia Espontanea Sumaj Orko	FEPAY	Ambiente Sano	0,5	1
BENI	San Borja	Comunidad Los Cerritos	FEPAY	Ambiente Sano	0,8	1
BENI	San Borja	El Palmar	FEPAY	Ambiente Sano	1,3	2
BENI	San Borja	Embocada	FEPAY	Ambiente Sano	0,5	1
BENI	San Borja	Inca Suyo	FEPAY	Ambiente Sano	2,0	3
BENI	San Borja	Marca Coroico	FEPAY	Ambiente Sano	1,5	2
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	8,6	9
BENI	San Borja	Yacumita	FEPAY	Ambiente Sano	5,6	6
COCHABAMBA	Chimoré	Litoral	FCIC	Trópico	1,5	1
COCHABAMBA	Chimoré	Senda A	FCIC	Trópico	5,0	1
COCHABAMBA	Chimoré	Senda C	FCIC	Trópico	1,0	1
COCHABAMBA	Chimoré	Senda Tres	FCIC	Trópico	8,0	2
COCHABAMBA	Puerto Villarroel	14 de Septiembre	FECCT	Trópico	1,0	1
COCHABAMBA	Puerto Villarroel	9 de Agosto	FECCT	Trópico	2,5	1
COCHABAMBA	Puerto Villarroel	Agro Sacta	FECCT	Trópico	1,5	1
COCHABAMBA	Puerto Villarroel	Alianza	FECCT	Trópico	3,9	1
COCHABAMBA	Puerto Villarroel	Gualberto Villarroel	FECCT	Trópico	8,6	7
COCHABAMBA	Puerto Villarroel	Maldonado	FECCT	Trópico	1,3	1
COCHABAMBA	Puerto Villarroel	San Lorenzo	FECCT	Trópico	1,0	1
COCHABAMBA	Puerto Villarroel	Valle Hermoso	FECCT	Trópico	30,4	11
COCHABAMBA	Puerto Villarroel	Valle Ivirza	FECCT	Trópico	2,0	2
COCHABAMBA	Puerto Villarroel	Villa Verde	FECCT	Trópico	6,6	4
COCHABAMBA	Shinahota	Bolivar	FUCU	Trópico	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	(en blanco)	1,0	1
LA PAZ	San Buenaventura	Buena Vista	CIPTA	Tacana	1,5	2
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	(en blanco)	1,7	2
LA PAZ	San Buenaventura	El Dorado	FESPAI	Madidi	4,0	1
LA PAZ	San Buenaventura	Esmeralda 1	FESPAI	Gabu	0,8	1

Department	Municipality	Community	Organisation	Forestry committee	Surface maintained (ha)	Farmer families with agreement
LA PAZ	San Buenaventura	Everest	FESPAI	Gabu	1,1	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	(en blanco)	5,0	1
LA PAZ	San Buenaventura	Nueva Palestina	FESPAI	(en blanco)	3,6	2
LA PAZ	San Buenaventura	Propiedad Privada	FESPAI/CIPTA	(en blanco)	13,9	7
LA PAZ	San Buenaventura	Propiedad Privada	FESPAI/CIPTA	Madidi	1,0	1
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	15,7	13
SANTA CRUZ	Buena Vista	Izama 1	CSUTB	Distrito 3 Amboró	8,5	3
SANTA CRUZ	Buena Vista	Izama 2	CSUTB	Distrito 3 Amboró	2,7	3
Total					**261.7**	**196**

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 as 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, for the whole ArBolivia scheme, 11 of these committees are formed by PV-farmers.:

As a minimum, the members of a forestry committee have a general assembly every year. All 11 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

Part I: Project operating costs

The Plan Vivo parcels are part of the wider ArBolivia project. A cost estimation was made for the 261,7 ha based on the total expenses of the project. In Table 8.1 a cost specification is given.

Total expenses per hectare are approximately 4,900 USD/ha. Plantations are on average 7.2 years old. A breakdown of the costs is shown in table 8.1. Costs per hectare could 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 17: Cumulative break down of cost

Item	Total (USD)	Cost/ha (USD)
Promotion, organisational strengthening	52.340	200
Payments	154.602	591
Agroforestry	28.472	109
Barbwire	29.511	113
Seedlings	140.956	539
Personnel	635.959	2.430
Transport of plants	48.337	185
Operational costs	45.443	174
Logistics	31.404	120
Tools/equipment	52.423	200
Taxes	71.341	273
Total	1.290.788	4.932

Table 18: Breakdown of cost 2015 -2016

Item	Total (USD)
Promotion, organisational strengthening	4.754
Payments	24.673
Agroforestry	2.583
Barbwire	839
Seedlings	14.063
Personnel	65.000
Transport of plants	1.875
Operational costs	6.999
Logistics	7.554
Tools/equipment	5.928
Taxes	15.000
Total	149.268

Annex 1: Monitoring results underlying issuance request

PV	Municipality	Farmers name[3]	Unique sector code	Tree specie planted	Perennial tCO2e/Ha)	Grass land (tCO2e/ Ha)	Grass land with trees (tCO2e/ Ha)	Annual (tCO2e/ Ha)	Surf. planted (Ha)	Perennial	Grass land	Grassland with trees	Annual	Total tCO2e	Retained 10%) by ArBolivia tCO2e)	Buffer Plan Vivo tCO2e)	Issuance (tCO2e)	Remark
PV4	Buena Vista		SCZ-ICH-BVT-IZ1-280-S5-P5	Centrolobium tomentosum	228,4	229,3	229,3	230,5	2,0	-	-	-	461,0	461,0	46,1	46,1	368,8	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-11-S4-P4	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	114,2	-	-	-	114,2	11,4	11,4	91,4	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-11-S5-P5	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	114,2	-	-	-	114,2	11,4	11,4	91,4	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ1-020-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	3,0	685,1	-	-	-	685,1	68,5	68,5	548,1	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-169-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,9	205,5	-	-	-	205,5	20,6	20,6	164,4	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-169-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	22,8	-	-	-	22,8	2,3	2,3	18,3	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ1-002-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	2,0	456,8	-	-	-	456,8	45,7	45,7	365,4	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ1-002-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,5	-	-	-	345,8	345,8	34,6	34,6	276,6	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-002-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	-	-	-	46,1	46,1	4,6	4,6	36,9	ok
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-002-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	-	-	-	115,3	115,3	11,5	11,5	92,2	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CSD-011-S4-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,5	342,6	-	-	-	342,6	34,3	34,3	274,1	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CSD-011-S5-P3	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,3	53,1	-	-	-	53,1	5,3	5,3	42,5	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-12-S4-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,7	159,9	-	-	-	159,9	16,0	16,0	127,9	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-	Stryphnodendron														ok

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

PV	Municipality	Farmers name[3]	Unique sector code	Tree specie planted	Perennial tCO2e/Ha)	Grass land (tCO2e/ Ha)	Grass land with trees (tCO2e/ Ha)	Annual (tCO2e/ Ha)	Surf. planted (Ha)	Perennial	Grass land	Grassland with trees	Annual	Total tCO2e	Retained (10%) by ArBolivia tCO2e)	Buffer Plan Vivo tCO2e)	Issuance (tCO2e)	Remark
			CLB-18-S1-P1	purpureum	261,3	262,2	262,2	263,5	1,3	-	-	-	329,4	329,4	32,9	32,9	263,5	
PV4	Rurrenabaque		BEN-JBA-RBQ-SAA-17-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	1,0	-	-	-	263,5	263,5	26,3	26,3	210,8	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-40J-26-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	-	-	-	230,5	230,5	23,1	23,1	184,4	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-21-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	-	-	-	115,3	115,3	11,5	11,5	92,2	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CSD-20-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	130,7	-	-	-	130,7	13,1	13,1	104,5	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CSD-20-S1-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,5	106,2	-	-	-	106,2	10,6	10,6	85,0	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-TCN-41-SL4-PL3	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	-	-	-	131,7	131,7	13,2	13,2	105,4	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-11-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	228,4	-	-	-	228,4	22,8	22,8	182,7	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CAU-44-S3-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	1,0	212,5	-	-	-	212,5	21,2	21,2	170,0	ok
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-22-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	-	-	-	230,5	230,5	23,1	23,1	184,4	ok
PV4	San Borja		BEN-JBA-SBJ-MAC-08-S3-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,8	-	-	-	161,0	161,0	16,1	16,1	128,8	ok
PV4	San Borja		BEN-JBA-SBJ-MAC-08-S3-P2	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,3	-	-	-	65,9	65,9	6,6	6,6	52,7	ok
PV4	San Borja		BEN-JBA-SBJ-CLC-04-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,8	-	-	-	172,9	172,9	17,3	17,3	138,3	ok
PV4	San Buenaventura		LPZ-ITU-SBV-TUM-04-S5-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	228,4	-	-	-	228,4	22,8	22,8	182,7	ok
Total				**0**	**6.267,3**	**6.291,0**	**6.291,0**	**6.325,3**	**24,7**	**3.060,3**	**-**	**-**	**2.668,8**	**5.729,1**	**572,9**	**572,9**	**4.583,3**	

Annex 2: Ongoing monitoring results for all participants

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/ Ha)**	**Grass land (tCO2 e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2 e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-25M-018-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	0,1	0,0	0,0	0,0	30,3	30,3	3,0	3,0	24,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-018-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,9	0,0	0,0	0,0	224,4	224,4	22,4	22,4	179,6	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-0003-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-08-S2-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	138,5	138,5	13,9	13,9	110,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-08-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-08-S2-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-004-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,7	0,0	0,0	0,0	174,6	174,6	17,5	17,5	139,7	ok	

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

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-25M-19-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	1,0	0,0	0,0	0,0	277,1	277,1	27,7	27,7	221,7	Replanted	2016
PV1	San Buenaventura		LPZ-ITU-SBV-25M-03-S1-P1	Cedrela fissilis	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	4,6	4,6	0,5	0,5	3,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-03-S1-P1	Swietenia macrophylla	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	6,9	6,9	0,7	0,7	5,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-03-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,1	0,0	0,0	0,0	261,9	261,9	26,2	26,2	209,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-029-S1-P1a	Tapirira guianensis	300,7	301,6	301,6	302,8	0,2	0,0	0,0	0,0	48,5	48,5	4,8	4,8	38,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-029-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,3	0,0	0,0	0,0	84,8	84,8	8,5	8,5	67,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-32-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-25M-32-S1-P2	Buchenavia oxicarpa	231,9	232,8	232,8	234,0	0,5	0,0	0,0	0,0	117,0	117,0	11,7	11,7	93,6	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-BAT-09-S1-PV2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,5	0,0	0,0	0,0	107,3	107,3	10,7	10,7	85,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-BAT-01-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,2	0,0	0,0	0,0	52,7	52,7	5,3	5,3	42,2	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-BAT-01-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	0,3	0,0	0,0	0,0	103,0	103,0	10,3	10,3	82,4	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-BAT-01-S1-P1	Terminalia oblonga	226,2	227,1	227,1	228,4	0,5	0,0	0,0	0,0	105,0	105,0	10,5	10,5	84,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-BAT-01-S2-P2	Dipteryx odorata	274,9	275,8	275,8	277,1	1,0	0,0	0,0	0,0	277,1	277,1	27,7	27,7	221,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-BNT-51-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-BNT-017-S4-P3	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	0,0	0,0	0,0	118,6	118,6	11,9	11,9	94,9	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-BNT-017-S4-P3	Tapirira guianensis	300,7	301,6	301,6	302,8	0,1	0,0	0,0	0,0	15,1	15,1	1,5	1,5	12,1	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-COP-04-S1-P1	Terminalia oblonga	452,4	454,2	454,2	456,7	1,0	226,2	0,0	0,0	0,0	226,2	22,6	22,6	181,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-COP-03-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,1	0,0	0,0	0,0	15,8	15,8	1,6	1,6	12,6	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-COP-03-S1-P1	Terminalia oblonga	226,2	227,1	227,1	228,4	0,9	0,0	0,0	0,0	214,7	214,7	21,5	21,5	171,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-CIN-13-S2-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-CIN-04-S1-	Tectona grandis	247,2	248,1	248,1	249,4	0,6	0,0	0,0	0,0	149,6	149,6	15,0	15,0	119,7	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/ Ha)**	**Grass land (tCO2 e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2 e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
			P1a																
PV1	San Buenaventura		LPZ-ITU-SBV-CIN-04-S1-P1Bs	Tectona grandis	247,2	248,1	248,1	249,4	0,1	0,0	0,0	0,0	24,9	24,9	2,5	2,5	20,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-CLD-00-S1-P1	Tectona grandis	494,5	496,2	496,2	498,8	0,7	0,0	0,0	0,0	174,6	174,6	17,5	17,5	139,7	Remaining	
PV1	San Buenaventura		LPZ-ITU-SBV-CLD-001-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-ESM-18-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,4	98,9	0,0	0,0	0,0	98,9	9,9	9,9	79,1	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-ESM-18-S1-P2a	Tapirira guianensis	300,7	301,6	301,6	302,8	0,4	120,3	0,0	0,0	0,0	120,3	12,0	12,0	96,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-EVE-06-S1-P1	Swietenia macrophylla	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	4,6	4,6	0,5	0,5	3,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-EVE-06-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	119,7	119,7	12,0	12,0	95,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-EVE-011-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,4	0,0	0,0	0,0	99,8	99,8	10,0	10,0	79,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-EVE-011-S1-P2a	Dipteryx odorata	274,9	275,8	275,8	277,1	0,2	0,0	0,0	0,0	61,0	61,0	6,1	6,1	48,8	Remaining	2016
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-04-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-04-S2-P2	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-46-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	0,0	0,0	0,0	32,3	32,3	3,2	3,2	25,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-46-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,9	0,0	0,0	0,0	214,5	214,5	21,4	21,4	171,6	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-46-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	0,0	0,0	0,0	34,6	34,6	3,5	3,5	27,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-46-S2-P2	Dipteryx odorata	274,9	275,8	275,8	277,1	0,9	0,0	0,0	0,0	235,5	235,5	23,6	23,6	188,4	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-46-S2-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	0,0	0,0	0,0	46,1	46,1	4,6	4,6	36,9	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-02-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-036-S1-P1	Tectona grandis	494,5	496,2	496,2	498,8	1,5	0,0	0,0	0,0	374,1	374,1	37,4	37,4	299,3	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-12-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	0,0	0,0	0,0	50,7	50,7	5,1	5,1	40,6	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-12-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,8	0,0	0,0	0,0	194,5	194,5	19,5	19,5	155,6	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-08-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	9,2	9,2	0,9	0,9	7,4	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-08-S1-P2	Dipteryx odorata	549,9	551,6	551,6	554,2	0,5	0,0	0,0	0,0	127,5	127,5	12,7	12,7	102,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-08-S1-P3	Tapirira guianensis	300,7	301,6	301,6	302,8	0,2	0,0	0,0	0,0	51,5	51,5	5,1	5,1	41,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-08-S1-P3	Tectona grandis	247,2	248,1	248,1	249,4	0,3	0,0	0,0	0,0	82,3	82,3	8,2	8,2	65,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-8-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,5	0,0	0,0	0,0	107,3	107,3	10,7	10,7	85,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-8-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,4	0,0	0,0	0,0	92,2	92,2	9,2	9,2	73,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-8-S2-P2	Tapirira guianensis	601,4	603,1	603,1	605,7	0,1	0,0	0,0	0,0	30,3	30,3	3,0	3,0	24,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-8-S5-P3	Swietenia macrophylla	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	2,3	2,3	0,2	0,2	1,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-HUR-8-S5-P3	Tapirira guianensis	300,7	301,6	301,6	302,8	0,5	0,0	0,0	0,0	148,4	148,4	14,8	14,8	118,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-LEM-7-SL1-PL1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-LEM-7-SL2-PL2a	Terminalia amazonia	276,3	277,2	277,2	278,5	0,3	0,0	0,0	0,0	69,6	69,6	7,0	7,0	55,7	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-MAY-047-S1-P1	Tectona grandis	494,5	496,2	496,2	498,8	3,5	0,0	0,0	0,0	872,8	872,8	87,3	87,3	698,3	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-MAY-047-S2-P2	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-MAY-047-S2-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,4	0,0	0,0	0,0	94,5	94,5	9,5	9,5	75,6	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-MAY-047-S2-P3	Tectona grandis	247,2	248,1	248,1	249,4	0,1	0,0	0,0	0,0	22,4	22,4	2,2	2,2	18,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-NPL-1-S1-P1	Dipteryx odorata	549,9	551,6	551,6	554,2	0,6	0,0	0,0	0,0	166,2	166,2	16,6	16,6	133,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-NPL-14-S1-P2	Tectona grandis	247,2	248,1	248,1	249,4	0,5	123,6	0,0	0,0	0,0	123,6	12,4	12,4	98,9	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-NPL-14-S1-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	11,4	0,0	0,0	0,0	11,4	1,1	1,1	9,1	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-NPL-14-S1-P3	Tapirira guianensis	300,7	301,6	301,6	302,8	0,4	120,3	0,0	0,0	0,0	120,3	12,0	12,0	96,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-NPL-14-S1-P3	Tectona grandis	247,2	248,1	248,1	249,4	0,1	12,4	0,0	0,0	0,0	12,4	1,2	1,2	9,9	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-NPL-14-S2-P5	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	4,6	4,6	0,5	0,5	3,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-NPL-14-S2-P5	Dipteryx odorata	274,9	275,8	275,8	277,1	0,8	0,0	0,0	0,0	207,8	207,8	20,8	20,8	166,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-NPL-14-S2-P5	Tapirira guianensis	300,7	301,6	301,6	302,8	0,0	0,0	0,0	0,0	9,1	9,1	0,9	0,9	7,3	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-30-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	247,2	0,0	0,0	0,0	247,2	24,7	24,7	197,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-041-S3-P3	Dipteryx odorata	274,9	275,8	275,8	277,1	1,0	0,0	0,0	0,0	277,1	277,1	27,7	27,7	221,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-37-VS1-PV1	Tapirira guianensis	300,7	301,6	301,6	302,8	0,5	0,0	0,0	0,0	151,4	151,4	15,1	15,1	121,1	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-37-VS2-PV2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-06-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	0,2	0,0	0,0	0,0	60,6	60,6	6,1	6,1	48,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-06-S1-P2	Terminalia oblonga	226,2	227,1	227,1	228,4	0,2	0,0	0,0	0,0	45,7	45,7	4,6	4,6	36,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-06-S1-P3	Tectona grandis	247,2	248,1	248,1	249,4	0,2	0,0	0,0	0,0	49,9	49,9	5,0	5,0	39,9	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-06-S2-P4	Tapirira guianensis	300,7	301,6	301,6	302,8	0,7	0,0	0,0	0,0	215,0	215,0	21,5	21,5	172,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-06-S2-P4	Tectona grandis	247,2	248,1	248,1	249,4	0,3	0,0	0,0	0,0	72,3	72,3	7,2	7,2	57,9	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-004-S1-P1a	Tapirira guianensis	300,7	301,6	301,6	302,8	0,7	0,0	0,0	0,0	196,8	196,8	19,7	19,7	157,5	Remaining	2016
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-004-S1-P1br	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,3	0,0	0,0	0,0	57,6	57,6	5,8	5,8	46,1	Replanted	2016
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-004-S1-P1br	Tapirira guianensis	601,4	603,1	603,1	605,7	0,1	0,0	0,0	0,0	30,3	30,3	3,0	3,0	24,2	Replanted	2016

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-022-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	5,0	0,0	0,0	0,0	1246,9	1246,9	124,7	124,7	997,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SBP-05-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SID-25-S1-P1	Tectona grandis	741,7	744,3	744,3	748,1	2,0	0,0	0,0	0,0	498,8	498,8	49,9	49,9	399,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SID-44-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SID-37-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SID-37-S1-P2	Tapirira guianensis	601,4	603,1	603,1	605,7	0,5	0,0	0,0	0,0	151,4	151,4	15,1	15,1	121,1	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SID-48-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-02-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	138,5	138,5	13,9	13,9	110,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-02-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-11-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	138,5	138,5	13,9	13,9	110,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-11-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-002-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-004-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	0,0	0,0	0,0	41,5	41,5	4,1	4,1	33,2	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-004-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,8	0,0	0,0	0,0	204,5	204,5	20,4	20,4	163,6	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-004-S2-P2	Dipteryx odorata	274,9	275,8	275,8	277,1	0,3	0,0	0,0	0,0	91,4	91,4	9,1	9,1	73,1	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-004-S2-P2	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,2	0,0	0,0	0,0	44,8	44,8	4,5	4,5	35,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-001-S2-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,0	0,0	0,0	0,0	2,1	2,1	0,2	0,2	1,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-001-S2-P2	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	135,8	135,8	13,6	13,6	108,6	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-001-S2-P3	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,1	0,0	0,0	0,0	21,5	21,5	2,1	2,1	17,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-SSR-001-S2-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,4	0,0	0,0	0,0	92,2	92,2	9,2	9,2	73,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-STA-07-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	2,0	0,0	0,0	0,0	498,8	498,8	49,9	49,9	399,0	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-STA-07-S2-P2	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-STA-07-S2-P3	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-STA-50-S1-P1	Tectona grandis	494,5	496,2	496,2	498,8	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-STA-067-S1-P1	Dipteryx odorata	824,8	827,4	827,4	831,2	1,0	0,0	0,0	0,0	277,1	277,1	27,7	27,7	221,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-STA-067-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	0,0	0,0	0,0	16,1	16,1	1,6	1,6	12,9	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-STA-067-S1-P2	Tapirira guianensis	601,4	603,1	603,1	605,7	0,4	0,0	0,0	0,0	130,2	130,2	13,0	13,0	104,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-STA-065-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-STA-065-S1-P2r	Tapirira guianensis	300,7	301,6	301,6	302,8	0,0	0,0	0,0	0,0	12,1	12,1	1,2	1,2	9,7	Replanted	2016
PV1	San Buenaventura		LPZ-ITU-SBV-STA-065-S1-P2r	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	114,7	114,7	11,5	11,5	91,8	Replanted	2016
PV1	San Buenaventura		LPZ-ITU-SBV-STA-066-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-14-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	0,1	0,0	0,0	0,0	30,3	30,3	3,0	3,0	24,2	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-14-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,4	0,0	0,0	0,0	349,1	349,1	34,9	34,9	279,3	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-025-S2-P2	Dipteryx odorata	549,9	551,6	551,6	554,2	1,0	0,0	0,0	0,0	277,1	277,1	27,7	27,7	221,7	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-10-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-10-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,3	0,0	0,0	0,0	57,6	57,6	5,8	5,8	46,1	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-003-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-13-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,6	0,0	0,0	0,0	149,6	149,6	15,0	15,0	119,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-03-S1-P1a	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,2	0,0	0,0	0,0	38,6	38,6	3,9	3,9	30,9	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-03-S1-P1a	Dipteryx odorata	274,9	275,8	275,8	277,1	0,1	0,0	0,0	0,0	16,6	16,6	1,7	1,7	13,3	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-03-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,6	0,0	0,0	0,0	139,7	139,7	14,0	14,0	111,7	ok	
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-03-S1-P1Bs	Tapirira guianensis	300,7	301,6	301,6	302,8	0,2	0,0	0,0	0,0	48,5	48,5	4,8	4,8	38,8	Replanted	2016
PV1	San Buenaventura		LPZ-ITU-SBV-TUM-03-S1-P1Bs	Tectona grandis	247,2	248,1	248,1	249,4	0,0	0,0	0,0	0,0	10,0	10,0	1,0	1,0	8,0	Replanted	2016
PV2	Puerto Villarroel		CBA-CRO-PVR-9AG-07-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	0,7	0,0	0,0	0,0	212,0	212,0	21,2	21,2	169,6	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/ Ha)**	**Grass land (tCO2 e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2 e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Puerto Villarroel		CBA-CRO-PVR-9AG-07-SV2-PV2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,9	205,5	0,0	0,0	0,0	205,5	20,6	20,6	164,4	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-9AG-07-SV2-PV3	Dipteryx odorata	549,9	551,6	551,6	554,2	0,9	247,4	0,0	0,0	0,0	247,4	24,7	24,7	198,0	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-AST-24-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,3	285,5	0,0	0,0	0,0	285,5	28,5	28,5	228,4	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-AST-24-S1-P1	Guarea rusby	284,2	285,1	285,1	286,3	0,3	71,0	0,0	0,0	0,0	71,0	7,1	7,1	56,8	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-ALZ-2-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	1,0	274,9	0,0	0,0	0,0	274,9	27,5	27,5	219,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-ALZ-2-S2-P2	Dipteryx odorata	549,9	551,6	551,6	554,2	2,9	797,3	0,0	0,0	0,0	797,3	79,7	79,7	637,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-GVR-56-SV1-PV1	Guarea rusby	568,3	570,1	570,1	572,6	2,2	625,2	0,0	0,0	0,0	625,2	62,5	62,5	500,1	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-GVR-09-SV1-PV1	Dipteryx odorata	274,9	275,8	275,8	277,1	1,4	384,9	0,0	0,0	0,0	384,9	38,5	38,5	307,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-31V-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-47-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,8	411,1	0,0	0,0	0,0	411,1	41,1	41,1	328,9	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grassland (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-47-S1-P1	Guarea rusby	284,2	285,1	285,1	286,3	1,2	341,0	0,0	0,0	0,0	341,0	34,1	34,1	272,8	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-72-S2-P2	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-72-SV1-PV1	Centrolobium tomentosum	685,1	687,8	687,8	691,6	0,9	205,5	0,0	0,0	0,0	205,5	20,6	20,6	164,4	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-72-SV3-PV3	Guarea rusby	568,3	570,1	570,1	572,6	0,8	227,3	0,0	0,0	0,0	227,3	22,7	22,7	181,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-46-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	1,0	274,9	0,0	0,0	0,0	274,9	27,5	27,5	219,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-40-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	0,4	91,4	0,0	0,0	0,0	91,4	9,1	9,1	73,1	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-40-SV2-PV2	Dipteryx odorata	274,9	275,8	275,8	277,1	0,9	247,4	0,0	0,0	0,0	247,4	24,7	24,7	198,0	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-40-SV3-PV3	Centrolobium tomentosum	456,8	458,5	458,5	461,0	0,6	137,0	0,0	0,0	0,0	137,0	13,7	13,7	109,6	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-012c-S1-P1	Dipteryx odorata	549,9	551,6	551,6	554,2	2,0	549,9	0,0	0,0	0,0	549,9	55,0	55,0	439,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-27-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grassland (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-27V-S1-P1	Centrolobium tomentosum	685,1	687,8	687,8	691,6	2,6	593,8	0,0	0,0	0,0	593,8	59,4	59,4	475,0	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-38-SV1-PV1	Dipteryx odorata	274,9	275,8	275,8	277,1	2,8	769,8	0,0	0,0	0,0	769,8	77,0	77,0	615,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-58-SV1-PV1a	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-58-SV1-PV1b	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,8	411,1	0,0	0,0	0,0	411,1	41,1	41,1	328,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-58-SV1-PV1b	Guarea rusby	284,2	285,1	285,1	286,3	2,2	625,2	0,0	0,0	0,0	625,2	62,5	62,5	500,1	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-11-S1-P1	Buchenavia oxicarpa	231,9	232,8	232,8	234,0	1,0	231,9	0,0	0,0	0,0	231,9	23,2	23,2	185,5	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VHM-11-SV2-PV2	Dipteryx odorata	274,9	275,8	275,8	277,1	0,9	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VVD-9-SV1-PV1	Buchenavia oxicarpa	231,9	232,8	232,8	234,0	0,6	0,0	0,0	0,0	140,4	140,4	14,0	14,0	112,3	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VVD-9-SV1-PV1	Dipteryx odorata	549,9	551,6	551,6	554,2	0,4	0,0	0,0	0,0	110,8	110,8	11,1	11,1	88,7	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VVD-9-SV2-PV2	Guarea rusby	852,5	855,2	855,2	859,0	1,6	0,0	0,0	0,0	458,1	458,1	45,8	45,8	366,5	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Puerto Villarroel		CBA-CRO-PVR-VVD-13-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,7	159,9	0,0	0,0	0,0	159,9	16,0	16,0	127,9	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VVD-13-S1-P1	Guarea rusby	284,2	285,1	285,1	286,3	0,3	85,3	0,0	0,0	0,0	85,3	8,5	8,5	68,2	ok	
PV2	Puerto Villarroel		CBA-CRO-PVR-VVD-9B-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	2,0	549,9	0,0	0,0	0,0	549,9	55,0	55,0	439,9	ok	
PV2	Reyes		BEN-JBA-REY-RPP-01-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	0,0	0,0	0,0	131,7	131,7	13,2	13,2	105,4	ok	
PV2	Reyes		BEN-JBA-REY-RPP-01-S1-P2	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	Reyes		BEN-JBA-REY-RPP-04-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	2,0	0,0	0,0	0,0	498,8	498,8	49,9	49,9	399,0	ok	
PV2	Reyes		BEN-JBA-REY-RPP-04-S2-P2	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	1,0	261,3	0,0	0,0	0,0	261,3	26,1	26,1	209,1	ok	
PV2	Reyes		BEN-JBA-REY-SAJ-4-S1-P1	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,8	0,0	0,0	0,0	161,0	161,0	16,1	16,1	128,8	ok	
PV2	Reyes		BEN-JBA-REY-SAJ-4-S1-P1	Terminalia amazonia	276,3	277,2	277,2	278,5	0,3	0,0	0,0	0,0	69,6	69,6	7,0	7,0	55,7	ok	
PV2	Reyes		BEN-JBA-REY-SAJ-3-S1-P1	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,8	0,0	0,0	0,0	171,7	171,7	17,2	17,2	137,4	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Reyes		BEN-JBA-REY-SAJ-3-S1-P1	Terminalia amazonia	276,3	277,2	277,2	278,5	0,2	0,0	0,0	0,0	55,7	55,7	5,6	5,6	44,6	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-CSD-07-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	0,0	0,0	0,0	131,7	131,7	13,2	13,2	105,4	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-CLL-001-S1-P1	Tectona grandis	494,5	496,2	496,2	498,8	2,0	0,0	0,0	0,0	498,8	498,8	49,9	49,9	399,0	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-CLL-05-S1-P1	Tectona grandis	494,5	496,2	496,2	498,8	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-CLL-05-S3-P3	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	138,5	138,5	13,9	13,9	110,8	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-CLL-41-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,9	0,0	0,0	0,0	224,4	224,4	22,4	22,4	179,6	Remaining	2017
PV2	Rurrenabaque		BEN-JBA-RBQ-CLL-41-S1-P2a	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,4	0,0	0,0	0,0	105,4	105,4	10,5	10,5	84,3	Remaining	2017
PV2	Rurrenabaque		BEN-JBA-RBQ-CLL-32-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,8	197,8	0,0	0,0	0,0	197,8	19,8	19,8	158,2	Remaining	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-CLB-5-VS1-PV1	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,5	0,0	0,0	0,0	107,3	107,3	10,7	10,7	85,8	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-VJI-2-SL1-PL1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Rurrenabaque		BEN-JBA-RBQ-EBA-17-SL1-PL1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-EBA-17-SL2-PL2	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	0,0	0,0	0,0	131,7	131,7	13,2	13,2	105,4	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-CEB-10-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-CEB-13-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	0,1	0,0	0,0	0,0	23,1	23,1	2,3	2,3	18,4	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-CEB-13-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	0,4	0,0	0,0	0,0	121,1	121,1	12,1	12,1	96,9	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-CEB-13-S2-P2	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,5	0,0	0,0	0,0	124,1	124,1	12,4	12,4	99,3	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-LTG-02-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,1	0,0	0,0	0,0	17,2	17,2	1,7	1,7	13,7	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-LTG-02-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,4	0,0	0,0	0,0	110,7	110,7	11,1	11,1	88,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-LTG-03-S1-P2	Stryphnodendron purpureum	522,7	524,4	524,4	527,0	0,5	0,0	0,0	0,0	131,7	131,7	13,2	13,2	105,4	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-LTG-03-S4-P3	Stryphnodendron purpureum	522,7	524,4	524,4	527,0	0,5	0,0	0,0	0,0	126,5	126,5	12,6	12,6	101,2	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Rurrenabaque		BEN-JBA-RBQ-LTG-03-S4-P3	Tapirira guianensis	300,7	301,6	301,6	302,8	0,0	0,0	0,0	0,0	6,1	6,1	0,6	0,6	4,8	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-01-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,3	0,0	0,0	0,0	69,8	69,8	7,0	7,0	55,9	Remaining	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-01-S1-P1b	Tectona grandis	247,2	248,1	248,1	249,4	0,0	0,0	0,0	0,0	10,0	10,0	1,0	1,0	8,0	Remaining	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-03-S1-PV1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,5	106,2	0,0	0,0	0,0	106,2	10,6	10,6	85,0	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-03-S1-PV2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,0	4,2	0,0	0,0	0,0	4,2	0,4	0,4	3,4	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-03-S1-PV2	Terminalia amazonia	276,3	277,2	277,2	278,5	0,5	132,6	0,0	0,0	0,0	132,6	13,3	13,3	106,1	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-02-S1A-P2A	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,0	4,2	0,0	0,0	0,0	4,2	0,4	0,4	3,4	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-02-S1A-P2A	Terminalia amazonia	276,3	277,2	277,2	278,5	0,4	105,0	0,0	0,0	0,0	105,0	10,5	10,5	84,0	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-02-S1Bs-P2Bs	Terminalia amazonia	276,3	277,2	277,2	278,5	0,1	27,6	0,0	0,0	0,0	27,6	2,8	2,8	22,1	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-02-S2-P1	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,5	106,2	0,0	0,0	0,0	106,2	10,6	10,6	85,0	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Rurrenabaque		BEN-JBA-RBQ-NEZ-05-S1-P1	Dipteryx odorata	549,9	551,6	551,6	554,2	1,0	0,0	0,0	0,0	277,1	277,1	27,7	27,7	221,7	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NHS-31-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-NHS-26-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-NHS-26-S1-P2	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-006-S1-P1a	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,6	151,6	0,0	0,0	0,0	151,6	15,2	15,2	121,3	Remaining	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-006-S1-P1a	Swietenia macrophylla	228,4	229,3	229,3	230,5	0,0	2,3	0,0	0,0	0,0	2,3	0,2	0,2	1,8	Remaining	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-006-S1-P1a	Virola flexuosa	200,8	201,6	201,6	202,9	0,0	2,0	0,0	0,0	0,0	2,0	0,2	0,2	1,6	Remaining	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-07-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,6	0,0	0,0	0,0	158,1	158,1	15,8	15,8	126,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-0001-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,4	0,0	104,9	0,0	0,0	104,9	10,5	10,5	83,9	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-01-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-002-S1-P1	Terminalia amazonia	276,3	277,2	277,2	278,5	1,0	0,0	0,0	0,0	278,5	278,5	27,8	27,8	222,8	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-10-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-016-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,4	0,0	0,0	0,0	79,4	79,4	7,9	7,9	63,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-016-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	1,1	0,0	0,0	0,0	313,1	313,1	31,3	31,3	250,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-016-S1-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,5	0,0	0,0	0,0	107,3	107,3	10,7	10,7	85,8	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-02-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	0,0	0,0	0,0	25,4	25,4	2,5	2,5	20,3	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-02-S1-P1	Tapirira guianensis	601,4	603,1	603,1	605,7	0,9	0,0	0,0	0,0	269,5	269,5	27,0	27,0	215,6	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-02-S1-P2	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,4	0,0	0,0	0,0	115,9	115,9	11,6	11,6	92,7	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-02-S1-P2	Tapirira guianensis	300,7	301,6	301,6	302,8	0,1	0,0	0,0	0,0	18,2	18,2	1,8	1,8	14,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-06-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	138,5	138,5	13,9	13,9	110,8	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-06-S1-P2	Dipteryx odorata	274,9	275,8	275,8	277,1	0,1	0,0	0,0	0,0	27,7	27,7	2,8	2,8	22,2	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-RUP-06-S1-P2	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,4	0,0	0,0	0,0	105,4	105,4	10,5	10,5	84,3	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-SBD-12-S1-P2	Hymenaea courbaril	234,0	234,9	234,9	236,2	0,4	0,0	0,0	0,0	94,5	94,5	9,4	9,4	75,6	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-SBD-12-S1-P2	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,1	0,0	0,0	0,0	26,3	26,3	2,6	2,6	21,1	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-SBD-12-S2-P3	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-SBD-12-S2-P4	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-SML-08-S1-P1	Terminalia oblonga	226,2	227,1	227,1	228,4	0,5	0,0	0,0	0,0	114,2	114,2	11,4	11,4	91,3	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-SML-08-S2-P2a	Tectona grandis	247,2	248,1	248,1	249,4	0,4	98,9	0,0	0,0	0,0	98,9	9,9	9,9	79,1	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-TCN-41-SL1-PL1	Hymenaea courbaril	234,0	234,9	234,9	236,2	0,5	0,0	0,0	0,0	118,1	118,1	11,8	11,8	94,5	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-TCN-036-SL1-PL1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	Rurrenabaque		BEN-JBA-RBQ-UNC-21-S1-P2	Tectona grandis	494,5	496,2	496,2	498,8	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	Replanted	2016
PV2	Rurrenabaque		BEN-JBA-RBQ-VCM-18-S1-P1b	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,2	0,0	0,0	0,0	63,2	63,2	6,3	6,3	50,6	ok	
PV2	Rurrenabaque		BEN-JBA-RBQ-VCM-18-S1-P2a	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,1	0,0	0,0	0,0	13,2	13,2	1,3	1,3	10,5	Remaining	2017
PV2	Rurrenabaque		BEN-JBA-RBQ-VCM-18-S1-P2a	Tapirira guianensis	300,7	301,6	301,6	302,8	0,4	0,0	0,0	0,0	121,1	121,1	12,1	12,1	96,9	Remaining	2017
PV2	San Borja		BEN-JBA-SBJ-BOR-02-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	138,5	138,5	13,9	13,9	110,8	ok	
PV2	San Borja		BEN-JBA-SBJ-BOR-02-S1-P2	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,5	0,0	0,0	0,0	107,3	107,3	10,7	10,7	85,8	Replanted	2016
PV2	San Borja		BEN-JBA-SBJ-EPR-042-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,0	0,0	0,0	0,0	6,4	6,4	0,6	0,6	5,2	ok	
PV2	San Borja		BEN-JBA-SBJ-EPR-042-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	0,0	0,0	0,0	123,8	123,8	12,4	12,4	99,1	ok	
PV2	San Borja		BEN-JBA-SBJ-EPR-041-S1-P1a	Dipteryx odorata	274,9	275,8	275,8	277,1	0,8	0,0	0,0	0,0	221,7	221,7	22,2	22,2	177,3	Remaining	2014
PV2	San Borja		BEN-JBA-SBJ-EMB-033-S1-P1	Tectona grandis	494,5	496,2	496,2	498,8	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	San Borja		BEN-JBA-SBJ-INC-001-SL1-PL1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,1	0,0	0,0	0,0	15,0	15,0	1,5	1,5	12,0	ok	
PV2	San Borja		BEN-JBA-SBJ-INC-001-SL1-PL1	Tectona grandis	247,2	248,1	248,1	249,4	0,9	0,0	0,0	0,0	231,9	231,9	23,2	23,2	185,5	ok	
PV2	San Borja		BEN-JBA-SBJ-INC-012-SL1-PL1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	San Borja		BEN-JBA-SBJ-INC-014-SL2-PL2	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,7	ok	
PV2	San Borja		BEN-JBA-SBJ-INC-014-SL2-PL2	Terminalia amazonia	276,3	277,2	277,2	278,5	0,1	0,0	0,0	0,0	13,9	13,9	1,4	1,4	11,1	ok	
PV2	San Borja		BEN-JBA-SBJ-MAC-11-SL1-PL1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,1	0,0	0,0	0,0	26,3	26,3	2,6	2,6	21,1	ok	
PV2	San Borja		BEN-JBA-SBJ-MAC-11-SL1-PL1	Tectona grandis	247,2	248,1	248,1	249,4	0,4	0,0	0,0	0,0	99,8	99,8	10,0	10,0	79,8	ok	
PV2	San Borja		BEN-JBA-SBJ-BJP-34-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	0,1	24,7	0,0	0,0	0,0	24,7	2,5	2,5	19,8	ok	
PV2	San Borja		BEN-JBA-SBJ-BJP-34-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,4	107,1	0,0	0,0	0,0	107,1	10,7	10,7	85,7	ok	
PV2	San Borja		BEN-JBA-SBJ-BJP-34-S2-P3	Terminalia amazonia	276,3	277,2	277,2	278,5	1,0	0,0	0,0	0,0	278,5	278,5	27,8	27,8	222,8	ok	
PV2	San Borja		BEN-JBA-SBJ-BJP-34-S3-P2	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,3	63,7	0,0	0,0	0,0	63,7	6,4	6,4	51,0	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grassland (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	San Borja		BEN-JBA-SBJ-BJP-34-S3-P2	Terminalia amazonia	276,3	277,2	277,2	278,5	0,2	55,3	0,0	0,0	0,0	55,3	5,5	5,5	44,2	ok	
PV2	San Borja		BEN-JBA-SBJ-SJU-014-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	138,5	138,5	13,9	13,9	110,8	ok	
PV2	San Borja		BEN-JBA-SBJ-SJU-027-S2-P3	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	San Borja		BEN-JBA-SBJ-SJU-027-S2-P4	Dipteryx odorata	274,9	275,8	275,8	277,1	0,5	0,0	0,0	0,0	138,5	138,5	13,9	13,9	110,8	ok	
PV2	San Borja		BEN-JBA-SBJ-VBJ-013-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,1	0,0	0,0	0,0	21,5	21,5	2,1	2,1	17,2	ok	
PV2	San Borja		BEN-JBA-SBJ-VBJ-013-S1-P1	Tectona grandis	494,5	496,2	496,2	498,8	0,9	0,0	0,0	0,0	224,4	224,4	22,4	22,4	179,6	ok	
PV2	San Borja		BEN-JBA-SBJ-VBJ-010-VS3-PV1	Calophyllum brasiliense	637,4	640,0	640,0	643,9	1,0	0,0	0,0	0,0	214,6	214,6	21,5	21,5	171,7	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-29-S1-P1	Swietenia macrophylla	228,4	229,3	229,3	230,5	0,1	0,0	0,0	0,0	11,5	11,5	1,2	1,2	9,2	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-29-S1-P1	Terminalia amazonia	276,3	277,2	277,2	278,5	0,5	0,0	0,0	0,0	125,3	125,3	12,5	12,5	100,3	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-29-S1-P3	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,2	0,0	0,0	0,0	42,9	42,9	4,3	4,3	34,3	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	San Borja		BEN-JBA-SBJ-IMP-29-S1-P3	Tectona grandis	247,2	248,1	248,1	249,4	0,8	0,0	0,0	0,0	199,5	199,5	20,0	20,0	159,6	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-012-S1-P1	Calophyllum brasiliense	637,4	640,0	640,0	643,9	0,5	0,0	0,0	106,7	0,0	106,7	10,7	10,7	85,3	Replanted	2016
PV2	San Borja		BEN-JBA-SBJ-IMP-012-S1-P2	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,5	0,0	0,0	106,7	0,0	106,7	10,7	10,7	85,3	Replanted	2016
PV2	San Borja		BEN-JBA-SBJ-IMP-002-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,2	0,0	0,0	40,5	0,0	40,5	4,1	4,1	32,4	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-002-S1-P1	Terminalia amazonia	276,3	277,2	277,2	278,5	0,6	0,0	0,0	155,2	0,0	155,2	15,5	15,5	124,2	Replanted	2016
PV2	San Borja		BEN-JBA-SBJ-IMP-020-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,6	0,0	128,0	0,0	0,0	128,0	12,8	12,8	102,4	Replanted	2016
PV2	San Borja		BEN-JBA-SBJ-IMP-031-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	114,2	0,0	0,0	0,0	114,2	11,4	11,4	91,4	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-031-S1-P2a	Tectona grandis	247,2	248,1	248,1	249,4	0,5	123,6	0,0	0,0	0,0	123,6	12,4	12,4	98,9	Remaining	2016
PV2	San Borja		BEN-JBA-SBJ-IMP-031-S1-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	114,2	0,0	0,0	0,0	114,2	11,4	11,4	91,4	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-032-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	San Borja		BEN-JBA-SBJ-IMP-032-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	103,7	103,7	10,4	10,4	83,0	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-032-S1-P2	Tapirira guianensis	300,7	301,6	301,6	302,8	0,1	0,0	0,0	0,0	15,1	15,1	1,5	1,5	12,1	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-009-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-009-S1-P2	Terminalia oblonga	226,2	227,1	227,1	228,4	0,5	0,0	0,0	0,0	114,2	114,2	11,4	11,4	91,3	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-06-S1-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,0	0,0	0,0	0,0	6,4	6,4	0,6	0,6	5,2	ok	
PV2	San Borja		BEN-JBA-SBJ-IMP-06-S1-P2	Tectona grandis	247,2	248,1	248,1	249,4	0,7	0,0	0,0	0,0	179,6	179,6	18,0	18,0	143,6	ok	
PV2	San Borja		BEN-JBA-SBJ-YAC-008-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,2	0,0	0,0	0,0	39,9	39,9	4,0	4,0	31,9	Replanted	2016
PV2	San Borja		BEN-JBA-SBJ-YAC-008-S1-P1b	Tectona grandis	247,2	248,1	248,1	249,4	0,1	0,0	0,0	0,0	20,0	20,0	2,0	2,0	16,0	Replanted	2016
PV2	San Borja		BEN-JBA-SBJ-YAC-008-S2-P2a	Terminalia oblonga	226,2	227,1	227,1	228,4	0,4	0,0	0,0	0,0	100,5	100,5	10,0	10,0	80,4	Replanted	2016
PV2	San Borja		BEN-JBA-SBJ-YAC-008-S4-P4	Tapirira guianensis	300,7	301,6	301,6	302,8	0,5	0,0	0,0	0,0	151,4	151,4	15,1	15,1	121,1	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	San Borja		BEN-JBA-SBJ-YAC-18-S1-P1	Tapirira guianensis	601,4	603,1	603,1	605,7	0,5	0,0	0,0	0,0	151,4	151,4	15,1	15,1	121,1	ok	
PV2	San Borja		BEN-JBA-SBJ-YAC-18-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	San Borja		BEN-JBA-SBJ-YAC-010-S5-P4a	Terminalia amazonia	276,3	277,2	277,2	278,5	0,9	248,7	0,0	0,0	0,0	248,7	24,9	24,9	199,0	Remaining	2014
PV2	San Borja		BEN-JBA-SBJ-YAC-05-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	San Borja		BEN-JBA-SBJ-YAC-A1-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	San Borja		BEN-JBA-SBJ-YAC-A1-S2-P2	Tapirira guianensis	300,7	301,6	301,6	302,8	0,0	0,0	0,0	0,0	6,1	6,1	0,6	0,6	4,8	ok	
PV2	San Borja		BEN-JBA-SBJ-YAC-A1-S2-P2	Virola flexuosa	200,8	201,6	201,6	202,9	0,5	0,0	0,0	0,0	97,4	97,4	9,7	9,7	77,9	ok	
PV2	San Borja		BEN-JBA-SBJ-YAC-06-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	San Borja		BEN-JBA-SBJ-YAC-06-S1-P2	Terminalia oblonga	226,2	227,1	227,1	228,4	0,5	0,0	0,0	0,0	114,2	114,2	11,4	11,4	91,3	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-HUR-003-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,5	0,0	0,0	0,0	124,7	124,7	12,5	12,5	99,8	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-NPL-14-S3-P4	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,2	0,0	0,0	0,0	276,6	276,6	27,7	27,7	221,3	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-SBP-041-S1-	Tectona grandis	494,5	496,2	496,2	498,8	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
			P1																
PV2	San Buenaventura		LPZ-ITU-SBV-SBP-001-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-SBP-001-S3-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-SBP-37-S4-P3	Tapirira guianensis	300,7	301,6	301,6	302,8	0,5	0,0	0,0	0,0	151,4	151,4	15,1	15,1	121,1	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-SBP-022-S3-P2a	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,8	0,0	0,0	0,0	184,4	184,4	18,4	18,4	147,5	Remaining	2016
PV2	San Buenaventura		LPZ-ITU-SBV-SID-37-S2-P3	Dipteryx odorata	274,9	275,8	275,8	277,1	0,9	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-SID-37-S2-P3	Tapirira guianensis	300,7	301,6	301,6	302,8	0,1	0,0	0,0	0,0	30,3	30,3	3,0	3,0	24,2	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-SSR-001-S1-P1a	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	54,8	0,0	0,0	0,0	54,8	5,5	5,5	43,8	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-SSR-001-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,4	89,0	0,0	0,0	0,0	89,0	8,9	8,9	71,2	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-TUM-002-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	0,0	0,0	0,0	16,1	16,1	1,6	1,6	12,9	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-TUM-002-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,9	0,0	0,0	0,0	481,3	481,3	48,1	48,1	385,0	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV2	San Buenaventura		LPZ-ITU-SBV-TUM-025-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,1	0,0	0,0	0,0	21,5	21,5	2,1	2,1	17,2	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-TUM-025-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,9	0,0	0,0	0,0	224,4	224,4	22,4	22,4	179,6	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-TUM-005-S1-P1a	Swietenia macrophylla	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	4,6	4,6	0,5	0,5	3,7	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-TUM-005-S1-P1a	Tectona grandis	247,2	248,1	248,1	249,4	0,7	0,0	0,0	0,0	169,6	169,6	17,0	17,0	135,7	ok	
PV2	San Buenaventura		LPZ-ITU-SBV-TUM-18-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	1,0	0,0	0,0	0,0	249,4	249,4	24,9	24,9	199,5	ok	
PV3	Chimoré		CBA-CRO-CHR-LRL-031-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	0,0	0,0	0,0	16,1	16,1	1,6	1,6	12,9	ok	
PV3	Chimoré		CBA-CRO-CHR-LRL-031-S1-P1	Guarea rusby	284,2	285,1	285,1	286,3	0,5	0,0	0,0	0,0	151,8	151,8	15,2	15,2	121,4	ok	
PV3	Chimoré		CBA-CRO-CHR-LRL-031-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	4,6	4,6	0,5	0,5	3,7	ok	
PV3	Chimoré		CBA-CRO-CHR-LRL-031-S2-P2	Guarea rusby	284,2	285,1	285,1	286,3	0,4	0,0	0,0	0,0	108,8	108,8	10,9	10,9	87,0	ok	
PV3	Chimoré		CBA-CRO-CHR-LRL-031-S3-P3	Guarea rusby	284,2	285,1	285,1	286,3	0,3	0,0	0,0	0,0	85,9	85,9	8,6	8,6	68,7	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV3	Chimoré		CBA-CRO-CHR-LRL-031-S4-P4	Guarea rusby	284,2	285,1	285,1	286,3	0,2	0,0	57,0	0,0	0,0	57,0	5,7	5,7	45,6	ok	
PV3	Chimoré		CBA-CRO-CHR-SDA-54-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	Chimoré		CBA-CRO-CHR-SDA-54-S2-P2	Dipteryx odorata	274,9	275,8	275,8	277,1	1,0	0,0	0,0	0,0	277,1	277,1	27,7	27,7	221,7	ok	
PV3	Chimoré		CBA-CRO-CHR-SDA-54-S3-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	0,0	0,0	0,0	23,1	23,1	2,3	2,3	18,4	Replanted	2016
PV3	Chimoré		CBA-CRO-CHR-SDA-54-S3-P3	Tapirira guianensis	601,4	603,1	603,1	605,7	2,9	0,0	0,0	0,0	878,2	878,2	87,8	87,8	702,6	Replanted	2016
PV3	Chimoré		CBA-CRO-CHR-SDC-18;19-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	1,0	300,7	0,0	0,0	0,0	300,7	30,1	30,1	240,6	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-48-S1-P1	Centrolobium tomentosum	685,1	687,8	687,8	691,6	4,0	913,5	0,0	0,0	0,0	913,5	91,4	91,4	730,8	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-48-S2-P2	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,2	42,5	0,0	0,0	0,0	42,5	4,2	4,2	34,0	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,8	182,7	0,0	0,0	0,0	182,7	18,3	18,3	146,2	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S2-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,1	21,2	0,0	0,0	0,0	21,2	2,1	2,1	17,0	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S2-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,6	137,0	0,0	0,0	0,0	137,0	13,7	13,7	109,6	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S3-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,3	68,5	0,0	0,0	0,0	68,5	6,9	6,9	54,8	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S4-P4	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,4	89,2	0,0	0,0	0,0	89,2	8,9	8,9	71,4	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S4-P4	Guarea rusby	284,2	285,1	285,1	286,3	0,1	22,7	0,0	0,0	0,0	22,7	2,3	2,3	18,2	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S5-P5	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,5	0,0	96,0	0,0	0,0	96,0	9,6	9,6	76,8	ok	
PV3	Chimoré		CBA-CRO-CHR-SD3-42-S5-P5	Guarea rusby	284,2	285,1	285,1	286,3	0,1	0,0	14,3	0,0	0,0	14,3	1,4	1,4	11,4	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-14S-005-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	0,3	68,5	0,0	0,0	0,0	68,5	6,9	6,9	54,8	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-14S-005-S1-P1	Guarea rusby	284,2	285,1	285,1	286,3	0,7	198,9	0,0	0,0	0,0	198,9	19,9	19,9	159,1	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-GVR-05-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV3	Puerto Villarroel		CBA-CRO-PVR-GVR-01-S1-P1	Schizolobium amazonicum	246,1	247,0	247,0	248,3	1,0	0,0	0,0	0,0	248,3	248,3	24,8	24,8	198,6	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-GVR-001-S3-P3	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,3	73,8	0,0	0,0	0,0	73,8	7,4	7,4	59,1	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-GVR-001-S4-P4	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,5	123,1	0,0	0,0	0,0	123,1	12,3	12,3	98,5	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-GVR-001-S5s-P5r	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,2	0,0	0,0	0,0	49,7	49,7	5,0	5,0	39,7	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-GVR-47-S3-P3	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-GVR-103-S1-P1	Centrolobium tomentosum	685,1	687,8	687,8	691,6	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-MAL-001-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,3	57,1	0,0	0,0	0,0	57,1	5,7	5,7	45,7	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-MAL-001-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	1,1	315,7	0,0	0,0	0,0	315,7	31,6	31,6	252,6	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-SLO-10-S1-P1	Schizolobium amazonicum	246,1	247,0	247,0	248,3	1,0	246,1	0,0	0,0	0,0	246,1	24,6	24,6	196,9	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-10-S1-P1	Guarea rusby	284,2	285,1	285,1	286,3	0,4	113,7	0,0	0,0	0,0	113,7	11,4	11,4	90,9	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-10-S1-P1	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,6	147,7	0,0	0,0	0,0	147,7	14,8	14,8	118,1	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-27-S4-P4	Schizolobium amazonicum	492,3	494,0	494,0	496,6	1,3	0,0	0,0	0,0	322,8	322,8	32,3	32,3	258,2	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-27-S5-P5	Guarea rusby	284,2	285,1	285,1	286,3	0,1	0,0	0,0	0,0	37,2	37,2	3,7	3,7	29,8	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-27-S5-P5	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,4	0,0	0,0	0,0	91,9	91,9	9,2	9,2	73,5	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-27-S6s-P6r	Guarea rusby	284,2	285,1	285,1	286,3	0,2	0,0	0,0	0,0	57,3	57,3	5,7	5,7	45,8	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-27-S7-P7	Guarea rusby	284,2	285,1	285,1	286,3	0,4	0,0	0,0	0,0	100,2	100,2	10,0	10,0	80,2	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-27-S7-P7	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,7	0,0	0,0	0,0	161,4	161,4	16,1	16,1	129,1	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-38-S3-P3	Guarea rusby	284,2	285,1	285,1	286,3	0,0	0,0	0,0	0,0	5,7	5,7	0,6	0,6	4,6	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-38-S3-P3	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,1	0,0	0,0	0,0	19,9	19,9	2,0	2,0	15,9	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-38-S4-P4	Guarea rusby	284,2	285,1	285,1	286,3	0,1	31,3	0,0	0,0	0,0	31,3	3,1	3,1	25,0	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grassland (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-38-S4-P4	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,8	194,4	0,0	0,0	0,0	194,4	19,4	19,4	155,6	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-38-S5-P5	Guarea rusby	284,2	285,1	285,1	286,3	0,2	51,2	0,0	0,0	0,0	51,2	5,1	5,1	40,9	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-38-S5-P5	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,4	103,4	0,0	0,0	0,0	103,4	10,3	10,3	82,7	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-11-S5-P5	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,0	0,0	0,0	0,0	4,6	4,6	0,5	0,5	3,7	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VHM-11-S5-P5	Schizolobium amazonicum	246,1	247,0	247,0	248,3	0,4	0,0	0,0	0,0	94,3	94,3	9,4	9,4	75,5	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VIZ-15-S4-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VIZ-80-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	Puerto Villarroel		CBA-CRO-PVR-VVD-042-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	Rurrenabaque		BEN-JBA-RBQ-RUP-11-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,1	0,0	0,0	0,0	19,3	19,3	1,9	1,9	15,5	ok	
PV3	Rurrenabaque		BEN-JBA-RBQ-RUP-11-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	0,0	0,0	0,0	36,9	36,9	3,7	3,7	29,5	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV3	Rurrenabaque		BEN-JBA-RBQ-RUP-11-S1-P1	Tectona grandis	247,2	248,1	248,1	249,4	0,3	0,0	0,0	0,0	62,3	62,3	6,2	6,2	49,9	ok	
PV3	San Borja		BEN-JBA-SBJ-CES-11-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	45,7	0,0	0,0	0,0	45,7	4,6	4,6	36,5	ok	
PV3	San Borja		BEN-JBA-SBJ-CES-11-S1-P1	Dipteryx odorata	274,9	275,8	275,8	277,1	0,3	82,5	0,0	0,0	0,0	82,5	8,2	8,2	66,0	ok	
PV3	San Borja		BEN-JBA-SBJ-IMP-026-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	0,0	0,0	0,0	23,1	23,1	2,3	2,3	18,4	ok	
PV3	San Borja		BEN-JBA-SBJ-IMP-026-S1-P1	Stryphnodendron purpureum	522,7	524,4	524,4	527,0	0,4	0,0	0,0	0,0	105,4	105,4	10,5	10,5	84,3	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-25M-038-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-BOH-022-S1-P1	Centrolobium tomentosum	685,1	687,8	687,8	691,6	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-EDR-1-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	2,0	0,0	0,0	0,0	461,0	461,0	46,1	46,1	368,8	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-EDR-1-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	2,0	0,0	0,0	0,0	461,0	461,0	46,1	46,1	368,8	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-HUR-10-S1-P1	Stryphnodendron purpureum	522,7	524,4	524,4	527,0	0,7	0,0	0,0	0,0	184,4	184,4	18,4	18,4	147,6	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-LEM-7-S4-P1	Calophyllum brasiliense	424,9	426,7	426,7	429,2	0,2	31,9	0,0	0,0	0,0	31,9	3,2	3,2	25,5	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-LEM-7-S4-P1	Stryphnodendron purpureum	522,7	524,4	524,4	527,0	0,5	117,6	0,0	0,0	0,0	117,6	11,8	11,8	94,1	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV3	San Buenaventura		LPZ-ITU-SBV-SID-33-S8-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	Replanted	2016
PV3	San Buenaventura		LPZ-ITU-SBV-SSR-1-S1-P1	Centrolobium tomentosum	456,8	458,5	458,5	461,0	0,4	82,2	0,0	0,0	0,0	82,2	8,2	8,2	65,8	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-SSR-1-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,1	36,6	0,0	0,0	0,0	36,6	3,7	3,7	29,3	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-TUM-04-S2-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-TUM-002-S4-P2	Centrolobium tomentosum	456,8	458,5	458,5	461,0	0,6	0,0	0,0	0,0	138,3	138,3	13,8	13,8	110,7	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-TUM-48-VS4-PV1	Centrolobium tomentosum	685,1	687,8	687,8	691,6	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-TUM-19-S5-P2	Centrolobium tomentosum	456,8	458,5	458,5	461,0	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV3	San Buenaventura		LPZ-ITU-SBV-TUM-50-S2-P2	Centrolobium tomentosum	456,8	458,5	458,5	461,0	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV3	Shinahota		CBA-TIR-SHI-BOL-016-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,2	31,9	0,0	0,0	0,0	31,9	3,2	3,2	25,5	ok	
PV3	Shinahota		CBA-TIR-SHI-BOL-016-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	22,8	0,0	0,0	0,0	22,8	2,3	2,3	18,3	ok	
PV3	Shinahota		CBA-TIR-SHI-BOL-016-S1-P1	Guarea rusby	284,2	285,1	285,1	286,3	0,2	42,6	0,0	0,0	0,0	42,6	4,3	4,3	34,1	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV3	Shinahota		CBA-TIR-SHI-BOL-016-S2-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,2	42,5	0,0	0,0	0,0	42,5	4,2	4,2	34,0	ok	
PV3	Shinahota		CBA-TIR-SHI-BOL-016-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	45,7	0,0	0,0	0,0	45,7	4,6	4,6	36,5	ok	
PV3	Shinahota		CBA-TIR-SHI-BOL-016-S2-P2	Guarea rusby	284,2	285,1	285,1	286,3	0,2	56,8	0,0	0,0	0,0	56,8	5,7	5,7	45,5	ok	
PV3	Shinahota		CBA-TIR-SHI-BOL-109-S1-P1	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,4	76,5	0,0	0,0	0,0	76,5	7,6	7,6	61,2	ok	
PV3	Shinahota		CBA-TIR-SHI-BOL-109-S1-P1	Guarea rusby	284,2	285,1	285,1	286,3	0,7	204,6	0,0	0,0	0,0	204,6	20,5	20,5	163,7	ok	
PV3	Shinahota		CBA-TIR-SHI-BOL-109-S1-P1	Tapirira guianensis	300,7	301,6	301,6	302,8	0,9	276,6	0,0	0,0	0,0	276,6	27,7	27,7	221,3	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ1-280-S5-P5	Centrolobium tomentosum	228,4	229,3	229,3	230,5	2,0	0,0	0,0	0,0	461,0	461,0	46,1	46,1	368,8	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ1-020-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	3,0	685,1	0,0	0,0	0,0	685,1	68,5	68,5	548,1	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ1-002-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	2,0	456,8	0,0	0,0	0,0	456,8	45,7	45,7	365,4	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV4	Buena Vista		SCZ-ICH-BVT-IZ1-002-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,5	0,0	0,0	0,0	345,8	345,8	34,6	34,6	276,6	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-11-S4-P4	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	114,2	0,0	0,0	0,0	114,2	11,4	11,4	91,4	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-11-S5-P5	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	114,2	0,0	0,0	0,0	114,2	11,4	11,4	91,4	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-169-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,9	205,5	0,0	0,0	0,0	205,5	20,6	20,6	164,4	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-169-S1-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,1	22,8	0,0	0,0	0,0	22,8	2,3	2,3	18,3	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-002-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,2	0,0	0,0	0,0	46,1	46,1	4,6	4,6	36,9	ok	
PV4	Buena Vista		SCZ-ICH-BVT-IZ2-002-S2-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CSD-011-S4-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,5	342,6	0,0	0,0	0,0	342,6	34,3	34,3	274,1	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CSD-011-S5-P3	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,3	53,1	0,0	0,0	0,0	53,1	5,3	5,3	42,5	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CSD-20-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	130,7	0,0	0,0	0,0	130,7	13,1	13,1	104,5	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/Ha)**	**Grass land (tCO2e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV4	Rurrenabaque		BEN-JBA-RBQ-CSD-20-S1-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,5	106,2	0,0	0,0	0,0	106,2	10,6	10,6	85,0	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CAU-44-S3-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	1,0	212,5	0,0	0,0	0,0	212,5	21,2	21,2	170,0	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-12-S4-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,7	159,9	0,0	0,0	0,0	159,9	16,0	16,0	127,9	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-18-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	1,3	0,0	0,0	0,0	329,4	329,4	32,9	32,9	263,5	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-21-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,5	0,0	0,0	0,0	115,3	115,3	11,5	11,5	92,2	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-11-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-CLB-22-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-40J-26-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	0,0	0,0	0,0	230,5	230,5	23,1	23,1	184,4	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-SAA-17-S1-P1	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	1,0	0,0	0,0	0,0	263,5	263,5	26,3	26,3	210,8	ok	
PV4	Rurrenabaque		BEN-JBA-RBQ-TCN-41-SL4-PL3	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,5	0,0	0,0	0,0	131,7	131,7	13,2	13,2	105,4	ok	

					Net GHG removal (tCO2e/ha)					Total Net GHG removal per strata (tCO2e)									
PV	**Municipality**	**Farmers name[4]**	**Unique sector code**	**Tree specie planted**	**Perennial (tCO2e/ Ha)**	**Grass land (tCO2 e /Ha)**	**Grassland with trees (tCO2e /Ha)**	**Annual (tCO2 e /Ha)**	**Surface planted (Ha)**	**Perennial**	**Grass land**	**Grass land with trees**	**Annual**	**Total tCO2e**	**Retained (10%) by ArBolivia (tCO2e)**	**Buffer Plan Vivo (tCO2e)**	**Issuance (tCO2e)**	**Remark**	**Year**
PV4	San Borja		BEN-JBA-SBJ-CLC-04-S1-P1	Centrolobium tomentosum	228,4	229,3	229,3	230,5	0,8	0,0	0,0	0,0	172,9	172,9	17,3	17,3	138,3	ok	
PV4	San Borja		BEN-JBA-SBJ-MAC-08-S3-P2	Calophyllum brasiliense	212,5	213,3	213,3	214,6	0,8	0,0	0,0	0,0	161,0	161,0	16,1	16,1	128,8	ok	
PV4	San Borja		BEN-JBA-SBJ-MAC-08-S3-P2	Stryphnodendron purpureum	261,3	262,2	262,2	263,5	0,3	0,0	0,0	0,0	65,9	65,9	6,6	6,6	52,7	ok	
PV4	San Buenaventura		LPZ-ITU-SBV-TUM-04-S5-P2	Centrolobium tomentosum	228,4	229,3	229,3	230,5	1,0	228,4	0,0	0,0	0,0	228,4	22,8	22,8	182,7	ok	
									Losses						- 1.068				
									261.7					**65,690.6**	**5,501**	**6,569.1**	**53,620.5**		

Annex 3: Historic Sales Chart

Vintage	Buyer	No of PVCs	Price per PVC ($)*	Total sale amount ($)*	Price to participants per PVC ($)*	% Sale price received by participants
Sales 2017						
2011	Greenamity	177				62%
2011	Greenamity	38				62%
2016	Greenamity	170				62%
2011	ZeroMission AB	2.178				71%
2011	ZeroMission AB	1.431				71%
2011	ZeroMission AB	24				71%
2011	ZeroMission AB	28				71%
2016	ZeroMission AB	3.537				71%
subtotal sales 2017		**7.583**				**70%**
Previously sold:						
2010	ForestFinance	10.034				69%
2010	COZero Pty Ltd	100				69%
2010	Sydney Convention & Exhibition Centre	100				69%
2010	ZeroMission AB	2.463				69%
2010	ZeroMission AB	525				69%
2010	ZeroMission AB	93				69%
2011	ZeroMission AB	93				69%
2011	ZeroMission AB	2.604				69%
2011	ZeroMission AB	2.303				69%
2011	ZeroMission AB	307				69%
2011	Retired (Lifegate)	5.000				69%

Vintage	Buyer	No of PVCs	Price per PVC ($)*	Total sale amount ($)*	Price to participants per PVC ($)*	% Sale price received by participants
2011	ZeroMission AB	500				69%
2011	ZeroMission AB	2.363				69%
2011	ZeroMission AB	500				69%
2011	ZeroMission AB	1.287				69%
2011	Retired (D M & K E Brotherton)	85				69%
2011	Retired (Ecology Building Society)	838				69%
2011	ZeroMission AB	4.063				69%
2011	Zero Mission	4.063				69%
2011	Zero Mission	479				69%
2011	Greenamity	182				69%
2011	Ecology Building Society	339				69%
2011	Ecology Building Society	231				69%
Subtotal sales 2011 – 2016		**38,552**				
Total sales 2011 – 2017		**46,135**				