

# ANNUAL REPORT scolel'te 2018

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scolel'te  
el árbol que crece

# Scolel'te Program

## 2018 Annual Report

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# Scolel'te

## Annual Report 2018

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### Summary

Project overview			
Reporting period	01.01.2018–31.12.2018		
Project location	Chiapas, Mexico		
Technical specifications in use	Tropical live fence (AF-CERVI-TRO1) Tropical improved fallow (FOR-ACME-TRO1) Tropical coffee improvement (AF-CAFE-TRO1) Taungya system (AF-TAUG-TRO1) Subtropical improved fallow (FOR-ACME-SUBT1) Subtropical live fence (AF-CERVI-TRO1) Forest restoration (FOR-REST-SUBT1)		
Project indicators	Historic (1997-2017)	For the current period (2018)	Total
Number of participating households with PES agreements	1370	24	1394
Number of community groups with PES agreements (if applicable)	9	0	9
Estimated number of households (or individuals) in community groups	1240	0	1240
Area under management with PES agreements	9049	101.75	9150.75
Total amount of PES payments to participants (USD)	\$646,661.79	\$44,090.32	\$690,752.11
Amount (USD) in trust funds for future PES payments			327,193.69
Current project stock (PVC)			0
Plan Vivo Certificates issued to date			536,593
Plan Vivo Certificates (PVC) requested for emission (vintage 2017)			13,738
Total amount of PVC issued to date (including the current submission)			550,331

## Section A: Project Updates

### A1 Main events

#### Sustainable Social and Tourism Summit 2018

Scolel'te actively participated in the Sustainable Social and Tourism Summit 2018, an international event held in Cancun, Mexico. The main objective of the summit was to raise awareness among business and government representatives of the current trends in sustainability, social economy and corporate social responsibility.

This event was endorsed as carbon neutral with the purchase of carbon credits of the Scolel'te Program. Our partner Sustentur measured their carbon footprint, resulting in 130 tons of carbon ( $tCO_2$ ) generated and compensated.



#### Exchange of experiences with women on mushroom production

In order to strengthen local capacities with a gender perspective, a working group consisting mostly of women has been formed, with the objective of establishing a mushroom module at community level.

The Efraín Gutiérrez Community Working Group has previously participated in different events to share their experiences and knowledge. Their expertise in the production of mushrooms has motivated other groups of women within in the Scolel'te Program to learn more about this productive activity.

This exchange of experiences was carried out with ten participants (mostly women) from the communities of El Chininal (Municipality of San Fernando) and Libertad Campesina (Municipality of Osumacinta). The event took place at the mushroom production facilities of the Efraín Gutiérrez Working Group, called "Casa del Moni", where participants shared their production and local trade experiences.



## Scolel'te technicians exchange experiences with organizations of the Sierra Norte de Puebla.

A high number of participants in the Scolel'te program have plots with agroforestry systems close to 20 years of age. With this group, the pathway for community forestry has been discussed.



To learn from the experience of other communities with a long expertise in this practice, we convened an exchange with four organizations in the Sierra Norte de Puebla (Mexico), who have worked for nearly forty years in the sustainable forest management of their lands. These communities received twenty technicians of the Scolel'te Program from different regions of Chiapas.

This exchange was organized jointly with RED MOCAF, a national network of forestry farmers. The host organizations in the Sierra Norte de Puebla are part of this network, who at the same

time, provide support and offer services to other farmers, getting specialized in forest plantations for commercial purposes, environmental services, non-timber forest products, ecotourism, among others.

## Public presentation of the document: *Forests with all*.

AMBIO together with a group of environmental, indigenous and farmer's organizations, as well as business, academic and professional associations announced at a press conference in Mexico City the document *Forests for all: a proposal of a new forest policy*.

The document includes a set of proposals on forestry policy to address the current challenges of this sector in Mexico. The objective of these actions is to make known the importance of a strategic long-term plan for the sector, in which the organized civil society also gets involved.



This policy proposal emphasizes the role of community forest management (CFM), the promotion of sustainable forestry and national production for the decline in imports; the strengthening of rights over land and forests, as well as their role in terms of climate change and biodiversity. An important call is also made for the inclusion of youth and women in forestry activities.

For further information see: <http://ambio.org.mx/presentacion-a-medios-de-comunicacion-del-documento-bosques-con-todos/>

## First Mexican Forum of the IUCN

AMBIO took part in the *First Mexican Forum of the International Union for the Conservation of Nature (IUCN)*, of which it is full a member. This is the first event held in Mexico (with all its national partners) after almost 20 years of IUCN's presence in the country. The objective of the Forum was to create a space for knowledge exchange and rapprochement between the IUCN partners in Mexico. Representatives of the six International Commissions of IUCN attended the event, with the aim to inform their activities, so that they contributed to adding more Mexican actors and institutions.



It was an event of great impact on conservation issues nationwide. During the Forum, the progress and pending issues regarding IUCN Red List species were highlighted, as well as the efforts made to increase the number of Natural Protected Areas in Mexico within the Green List. Special emphasis was placed on the need for greater cross-sectorial collaboration, while also recognizing the importance of local efforts.

## Forest Expo 2018

With the objective of communicating the trends of the forestry sector, exchange information, knowledge, developments, technologies and be a national and international business platform, the National Forestry Commission (CONAFOR) held *The Forest Expo 2018*, at the Expo Guadalajara.

During this event AMBIO shared information about its different projects, such as the Scolel'te Program ("the tree that grows", in Tzeltal language). Our stand also featured the exhibition and sale of products, such as medicinal ointments and tissues made by women from the communities of Emilio Rabasa, San Joaquin and Libertad Campesina in the municipalities of Ocozocoautla and Osumacinta.

As a gender mainstreaming action, AMBIO and the Scolel'te Program presented at the Expo as a special guest, Mrs. Victorina Pérez de la Cruz, representative of the group of women of the Libertad Campesina community. During the Expo, she had the opportunity to share her experience, exhibit the handcrafts of the artisan women of her community, as well as obtain inspiration for her work with the comments and knowledge of the participants of the event.



## Ecometrica and partners in the Forests 2020 initiative strengthen actions for forest monitoring in Mexico.

AMBIO collaborates with Ecometrica, Pronatura Sur, El Colegio de la Frontera Sur (ECOSUR) and the Forest Program Development Trust of the State of Jalisco (FIPRODEF0) in the project *Forests 2020*, supported by the International Partners Program of the UK Space Agency. This project aims to evaluate and improve the detection of change in forests in Mexico (loss and degradation), map the risk of deforestation and fires, as well as facilitate the flow of information between the national and state levels.



Ecometrica's directors met with Forests 2020 partners in Chiapas and Jalisco, who are making significant progress in mapping forest changes, degradation and deforestation risks at local level. With the support of AMBIO staff, they visited the communities within the Scole'l'te program in Tziscao, Chiapas. Under this project, AMBIO is also developing a forest monitoring application.

## A2 Achievements and challenges

### Achievements

#### **A) Participation in councils and collaboration with state and federal agencies.**

For several years, AMBIO participates in the Technical Advisory Councils of CONANP, focused in the areas in which we have an active presence. The councils have the role of contributing to the development and implementation of different actions carried out in Natural Protected Areas, whose administration is in charge of the National Commission for Natural Protected Areas (CONANP). It is important to note that AMBIO has recognition in these regions, due to its long trajectory and record of joint responsibility in actions implemented in collaboration with CONANP.

At the state level AMBIO is part of the Climate Change Advisory Council for the State of Chiapas. This council, created from the State Law on Climate Change, aims to support and guide the development of the state climate policy, both in the areas of mitigation and adaptation.

#### **B) Collaboration with UNACH and CONANP**

In 2018, a collaboration began with CONANP and the Autonomous University of Chiapas (UNACH), for the reforestation of 203 ha in the private area called Los Bordos, whose owner is UNACH. The territory of Los Bordos is located within the polygon of the Selva el Ocote Biosphere Reserve (REBISO). It is registered as a Voluntary Conservation Area (VCA), with a category similar to other Natural Protected Areas. A third of the property, whose total size is 3000 ha, has been used in the past for productive activities, negatively affecting the local ecosystems.

Under a signed agreement between AMBIO and UNACH, the restoration of 243 ha has been initiated. This process has been coordinated by AMBIO with the participation of neighbouring communities and the support of CONANP, UNACH and the Ministry of Environment and Natural History of the state of Chiapas (SEMAHN), the latter being the institution in charge of donating 140,000 plants. The objective of this restoration is the recovery of the area for the strengthening of biological connectivity with other forests in the region.

#### **C) Program promotion**

Currently based on the communication of activities in digital social networks and through a monthly newsletter, with bilingual notes published on the AMBIO website.

The relationship with different institutional actors and program partners, both governmental, non-governmental and from the private sector has been strengthened, engaging the entire work team. The presence of the program in different areas of influence has also been strengthened, thanks to the ties with state and national actors.

Different private institutions in Mexico have also made contact with AMBIO to offset their emissions or learn about compensation mechanisms. This is partly explained because the topic has been actively promoted in the national public agenda.

D) Participants from communities in the region Sierra Madre de Chiapas, specifically from La Frailescana Natural Resources Protection Area, have benefitted with equipment to improve their coffee systems through the Conservation Program for Sustainable Management (PROCODES) of CONANP. The fact is relevant, since it indicates that the working groups have improved their management capacity.



### Challenges

#### **A) Availability of wood in plots with more than 20 years established**

A field study is developed to gather information to estimate the amount of standing wood, with a current progress of 50%. Forest sampling is being supported by a pre-professional internship of the University of Science and Arts of Chiapas (UNICACH) in coordination with the AMBIO technical team. Once the information is available, the strategies for sustainable forest management can be defined.

#### **B) Development of new public policies.**

In December 2018, a change in the public administration of the country took place which brought modifications in policies at the state and national levels. Some of these changes incorporate strategies and programs that may put the forest areas of some regions of Mexico, including Chiapas, at risk. New programs announced by the government promote different economic benefits, making tentative the incorporation of farmers, however such actions indirectly promote deforestation. Given the potential risk, it is expected that these policies can be modified to eliminate such threats.

### **A3 Project developments**

#### **Update of technical specifications**

In 2017, the technical specifications of the agroforestry systems of the Scolel'te program were updated. In 2018, these were sent to the Plan Vivo Foundation, evaluated and validated by its Technical Committee. For this report, these specifications are already in use. The update considered field data from plots already established in the program. With the support of a student from the University of Edinburgh, these data were analysed with the SHAMBA tool, which is endorsed by the Plan Vivo Foundation.

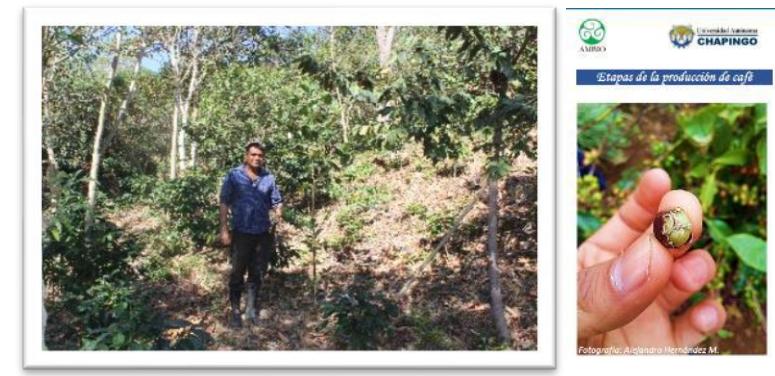
These specifications, in addition to improving the data available in terms of carbon quantifications, they included agroforestry management information. The following image shows the current carbon capture rate of the different technical specifications, which are divided into two categories:

subtropical and tropical climate systems.

**Chart A3.** Current data of carbon estimations for agroforestry systems in the Scolel'te Program approved by Plan Vivo

## New training materials

Given the interest expressed in coffee production and management by different farmers from the region Sierra Madre, in 2018 we opened a pre-professional internship for an agroforestry systems engineer from the Chapingo University. This young professional provided support with a pruning workshop in agroforestry and coffee management systems with farmers from the community of Bonanza and others from the Municipality of Villacorzo. New training materials were generated, which also can be replicated in other communities.



## Strengthening of the gender perspective

AMBIO has worked constantly to mainstream the gender perspective in all institutional initiatives, in order to achieve a social improvement of women and youth in the communities. The topic fortunately has now a top position in the actions of AMBIO, both inside and outside, allowing for more inclusive and solid initiatives in the environmental and social spheres.

## Section B: Project Activities

### B1. Project activities that generate Plan Vivo Certificates (PVC)

In 2018, the program expanded to two very important areas in Chiapas, one in La Fraylesca Flora and Fauna Protection Area in the south of the state and the second in the Tojolabal Region, near the Natural Park Lagos de Montebello.

**Image B1.** Current working area of the Scolel'te Program



The following chart (see next page) describes the agroforestry systems established during 2018, the area and number of new participants and the increase of plots of previously registered farmers.

Chart B1: Summary of project activities, 2018.

Technical specification	Area (Ha)	Number of households of smallholders	Number of community groups
AF-CERVI-TEMP	23	4	
AF-TAUG-TROP	24.5	17	
FOR-ACME-TROP	14	11	
FOR-REST-SUBT1	40.25	5	
<b>TOTAL</b>	<b>101.75</b>	<b>37</b>	

## B2. Project activities additional to the issuance of Plan Vivo Certificates

In 2018, the Scolel'te Program had several initiatives that helped us to strengthen its objectives, activities and scope. One of them is the joint initiative with the US Forest Service, which contributed to the development of a **Protocol for Forest Monitoring**, which will be applied by

community technicians. This protocol aims to strengthen local governance and capacities, as well as improve the monitoring of the biodiversity indicators of the Scolel'te program.

On the other hand, the elaboration of **Six Community Protocols for Fire Management in the Ocote Jungle Biosphere Reserve (REBISO)** is a tool for managing the risk of wildfires in existing forest areas, recognizing the role of different institutional and local actors for the prevention and combat of forest fires. The objective of these actions is to reduce the risks of loss of forests in the region. It is worth mentioning that this activity was developed with resources from the Mexican Fund for the Conservation of Nature (FMCN).

## Section C: Issuance of Plan Vivo Certificates

### C1 Contractual statement

Chart C1: Issuance request for Plan Vivo Certificates and sales allocation

Total amount of CO2 (vintage 2018)	<b>13,738 tCO<sub>2</sub></b>
Total amount of sales (vintage 2018)	USD
Average price of certificates	USD
Percentage of sales disbursed to communities	66
Number of participants registered for current sales (vintage 2018)	37
Total area for vintage 2018 sales	101.75 hectares
Technical specifications in use	<ul style="list-style-type: none"> <li>• Subtropical improved fallow</li> <li>• Taungya system</li> <li>• Subtropical live fence</li> <li>• Forest restoration</li> </ul>

System	Description	Area (ha)	tCO <sub>2</sub> per system (buffer included)	Buffer (10%)	Saleable tCO <sub>2</sub> (90%)
AF-CERVI-TEMP	Live fence-Temperate Climate	23	1641	164	1477
FOR-ACME-TEMP	Improved fallow-Temperate Climate	14	1914	191	1723
FOR-REST-SUBT1	Forest restoration	40.25	6603	660	5943
AF-TAUG-TROP	Taungya system-Tropical Climate	23.5	4928	493	4435
	Complementary carbon in taungya system	1	176	16	160
Total amount		<b>101.75 ha</b>	<b>15,262 tCO<sub>2</sub></b>	<b>1,524 tCO<sub>2</sub></b>	<b>13,738 tCO<sub>2</sub></b>

For a detailed description of monitoring results, see Annex 1.

## Section D: Sales of Plan Vivo Certificates

### D1: Sales of Plan Vivo Certificates

Chart D1 describes the Plan Vivo Certificates of the Scolel'te Program sold in 2018

Chart D1: Sales of Plan Vivo Certificates, 2018

Vintage	Buyer	Number of PVCs	Total sold	Price per PVC for project participants (\$)
Sale of unsold stock 2016	GERES - Groupe Energies Renouvelables, Environnement et Solidarités	116		
	Environmental Defense Fund México AC	10		
	CLEVEL Solutions	157		
	GERES- Groupe Energies Renouvelables, Environnement et Solidarités	9		
Pending unsold stock 2016	0	0		
Sales 2018	Sales 2018			
2018	Haper Compañía S. de R.L. de C.V.	839		
2018	International American School of Cancun A.C.	2		
2018	Zeromission	5000		
2018	Los asistentes del Sustainable & Social Tourism Summit	130		
2018	Mar y Tierra- Hábitas	20		
2018	Art With Me-Hábitas	20		
2018	M. en C. Olmo Torres- Talamante	9		
2018	Zeromission	1000		
2018	FIL Guadalajara	112		
2018	BCO Tucancun S de RL de CV (Hotel Occidental Tucancun)	6		
2018	BCO Kukulcan S de RL de CV (Occidental Costa Cancún)	20		
2018	Héctor Reyes Flores	8		
2018	Sustentur	10		
2018	Randi Shawn Stellar	317		

2018	Ben Twist	19
2018	Carnaval de Bahidorá (Distrito Global )	80
2018	Zeromission	2,600
2018	Leobardo Palacios Antonio	399
2018	Zeromission	1000
2018	The Oceanic Global Foundation & Hábitas	20
2018	Thayer los Cabos Arrendador, S De RL de CV	1298
2018	Procuraduría Federal de Protección al Ambiente	101
2018	Unión de Crédito Concreces SA De CV	59
2018	Tianguis Tutístico de México Acapulco 2017(segunda emisión)	669
<b>Total vintage 2018 (Issuance request)</b>		<b>13,738</b>

## **Section E: Monitoring Results**

## E1: Ecosystem services monitoring

A summary of monitored plots in 2018, as well as other details such as enrolment date, municipality and community are presented in Chart E1(a). A detailed description of monitoring results can be found in Annexes 2 and 3.

### **Chart E1(a). Number of plots monitored in 2018 per community, municipality and enrolment date**

	LA GLORIA/SANTA ISABEL														<b>9</b>	<b>9</b>
	LA UNIÓN														<b>7</b>	<b>7</b>
VILLAFLORES	SOMBRA DE LA SELVA								<b>11</b>			<b>1</b>				<b>12</b>
	JOSEFA ORTIZ DE DOMINGUEZ				<b>14</b>	<b>4</b>	<b>3</b>									<b>21</b>
	NUEVA INDEPENDENCIA											<b>1</b>				<b>1</b>
	TIERRA Y LIBERTAD				<b>1</b>	<b>2</b>										<b>3</b>
SALTO DE AGUA	SAN MIGUEL					<b>1</b>										<b>1</b>
	PUNTA BRAVA 2DA SECCION			<b>2</b>												<b>2</b>
TUMBALA	COLOLIL		<b>1</b>													<b>1</b>
	HIDALGO		<b>5</b>													<b>5</b>
	PORVENIR			<b>1</b>												<b>1</b>
	TEHUACAN		<b>2</b>													<b>1</b>
LAS MARGARITAS	GONZALEZ DE LEON											<b>10</b>	<b>2</b>	<b>12</b>	<b>12</b>	
LA CONCORDIA	PLAN DE LA LIBERTAD			<b>1</b>		<b>1</b>		<b>1</b>					<b>2</b>		<b>5</b>	
MARQUÉS DE COMILLAS	LA CORONA	<b>1</b>														<b>1</b>
JIQUIPILAS	TILTEPEC				<b>1</b>											<b>1</b>
	<b>TOTAL</b>	<b>1</b>	<b>6</b>	<b>10</b>	<b>8</b>	<b>48</b>	<b>31</b>	<b>3</b>	<b>17</b>	<b>3</b>	<b>1</b>	<b>29</b>	<b>26</b>	<b>10</b>	<b>43</b>	<b>246</b>

## E2: Continuity of commitments

### Reallocation of carbon commitments

In 2017, the AMBIO conducted an analysis of the farmers who, for different reasons, have left the program. Based on the field data and the analysis of the information, it was determined to reallocate (replace) tons of CO<sub>2</sub> that are still under commitment, which are in total 16,957.31 tCO<sub>2</sub>, according to the data in Chart E2(a).

**Chart E2(a) Reallocation of carbon commitments within the program.**

Zone and/or community	Sales commitment (tCO <sub>2</sub> )	Amount of CO <sub>2</sub> paid to Project participants	Tons of carbon (TC)	Area (has)	Amount of tCO <sub>2</sub> to reallocate
Chol	5,377.10	3,254.08	578.48	36.50	2,123.02
Tseltal	1,228.72	828.39	109.08	5.00	400.32
Tojolabal	4,195.76	3,238.52	260.83	33.50	957.25
Tumbala	154.58	57.47	26.46	1.25	97.11
Lacandona	412.21	180.34	63.18	4.00	231.87
Sierra Madre	21,052.88	13,421.52	2,079.39	188.75	7,631.36
Frontera Corozal	8,688.21	4,558.54	1,127.85	34.00	4,139.21
Miramar	3,485.99	2,108.82	375.25	16.25	1,377.17
<b>TOTAL</b>	<b>44,595.45</b>	<b>27,647.68</b>	<b>4,620.52</b>	<b>319.25</b>	<b>16,957.31</b>

The reallocation of this carbon is a strategic planning process. For the moment, the project envisions to use its buffer to reallocate these PVCs. However, this is a temporary measure. The project is still in the process of analysing the amount of carbon to be reallocated and there are various strategies how they will be reallocated (see annual report 2017).

## E3: Socioeconomic monitoring

The Scolel'te Program generates a series of socio-economic and environmental co-benefits, as a result of the intervention in the working areas. It has been identified that carbon payments contribute to the family income of the project participants, since they are utilized to cover expenses such as food, health, clothing, education for their children or for the purchase of supplies and tools for their own plots.

The Program, from its intervention design, develops a continuous work for the strengthening of local capacities and for raising local awareness on climate change for the sustainable management of plots, allowing farmers to increase their productivity. Other actions include trainings on productive activities aimed at inserting project participants into local markets.

The Program seeks to measure the co-benefits from indicators that allow us to know the impact from the ecosystem services approach as well as the contribution to the fulfilment of the Sustainable Development Goals (SDGs) of the United Nations Organization (UN).

Starting this year and thereafter, Scolel'te will improve the obtaining of socioenvironmental information with the participants, to identify and report to the following indicators of co-benefits.

**Chart E3(a). Indicators of the program with contribution to the SDGs**

Sustainable Development Goal (SDG)	Indicator of the program	Baseli 2017	Results (2018)	Total
<b>SDG 1.- No Poverty</b>	Number of project participants (families) <sup>1</sup>	88	35	123
	PES to project participants	646,661.79 <sup>2</sup>	44,090.32	690,754.11
<b>SDG 2.- No Hunger</b>	Areas reforested (ha) with diversification of species <sup>3</sup>	27	23.5	50.5
<b>SDG4.- Quality Education</b>	Total number of training events <sup>4</sup>	33	5	38
	Number of trained women	177	73	250
	Number of trained men	194	40	234
	Number of trained young people	--	700	700
<b>SDG 5.- Gender Equality</b>	Number of working groups with women, young people and seniors <sup>5</sup>	7	0	7
	Number of women actively participating in activities of the program (capacity building and implementation of productive projects)	5	10	15
<b>SDG 8.- Good Jobs and Economic Growth</b>	Direct employments <sup>6</sup>	10	10	20
	Seasonal employments	158	201	359
<b>SDG 17.- Partnerships for the Goals</b>	Participation in national committees for	6	5	11

<sup>1</sup> SDG 1.- No Poverty: It is measured by observing the payments resulting from the project, which have a significant impact on the economy of the participants' households

<sup>2</sup> This data is accumulative of payments from the year 1997 to 2017, and it serves as baseline

<sup>3</sup> SDG 2.- Zero Hunger: The project measures food security in terms of diversification of food crops, such as fruit trees, palms, corn, beans, backyard vegetables and, in some cases, agrosilvopastoral species

<sup>4</sup> SDG 4.- Quality Education: The project measures the number of training events, which seek to improve the participants' local knowledge about the impacts of climate change, resilience, food security, medicinal use of plants, management of agroforestry systems, diversification of plots, pest control, land management and gender equality.

<sup>5</sup> SDG 5.- Gender Equality: This objective is measured primarily by the inclusion of people. All activities are designed to include underrepresented groups, such as women, youth and the elderly. Through Plan Vivos and workshops provided, all family members are invited to participate in the design and implementation of activities

<sup>6</sup> SDG 8.- Decent Work and Economic Growth: The project measures this objective through seasonal and permanent work

environmental protection <sup>7</sup>				
Partnerships with international organizations	6	6	12	

#### E4: Environmental and biodiversity monitoring

Chart E4(a). Indicators of the program with contribution to the SGDs

Sustainable Development Goal (SDG)	Indicator of the program	Baseline 2017	Results (2018)	Total
SDG 13.- Climate Action	Number of hectares reforested <sup>8</sup>	102.5	101.75	204.25
SDG 15.- Life on Land	Number of forest species used for reforestation actions <sup>9</sup>	18	22	40
	Number of species within the IUCN Red List	5	4	9
	Number of agroforestry systems promoted	5	4	9

<sup>7</sup> SGD 17. Partnerships for the goals: Scolel'te has a long record of international and national allies to implement different activities that contribute to the conservation of ecosystems in the state of Chiapas.

<sup>8</sup> SDG 13.- Climate Action: The project measures these indicators by listing the areas under reforestation, afforestation and conservation that contribute to mitigating climate change, carbon sequestration and guaranteeing water supply in quantity and quality.

<sup>9</sup> SDG 15.- Life on Land: The project measures this objective by observing the presence of biodiversity, soil fertility, habitats and the regulation of microclimates.

## Section F: Impacts

### F1: Evidence of results

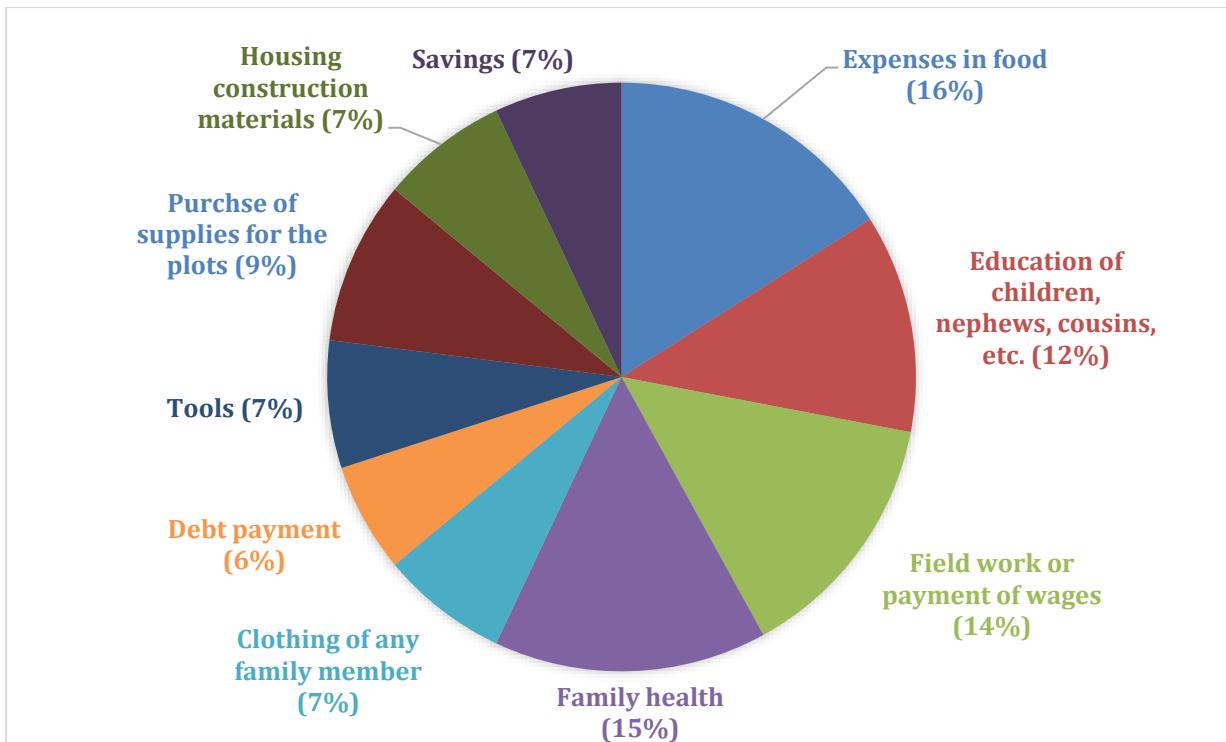
During 2018, a quick survey was carried out to understand how the payments for ecosystem services (PES) are used in the registered communities. This survey was conducted by 10 technicians, in 7 work areas, with a random sample of 65 farmers interviewed, corresponding to the 4.6% of the total of our participants.

The categories of the questions were designed in a meeting with community and regional technicians. Thanks to their local knowledge, it was easier to identify how the farmers generally use their carbon payments, remaining as general items, the following categories:

Category	Equivalence
Expenses in food (inside and outside the community)	Sugar, rice, beans, chickens, eggs or others
Education for children, nephews, cousins, etc.	Tuition payment, purchase of supplies, uniforms
Field work or payment of wages	Fertilizers, pesticides, machetes, wages or other payments
Family health	Payment of medical consultations, purchase of medicines, transfers to clinics
Clothing of any family member	Elaborated or home-made
Debt payments	With any person or family member in the community
Tools	For agriculture or home use
Purchase of supplies for the plots	Fertilizers, pesticides, machetes, wages or other payments
Housing construction materials	Bricks, rods, windows, doors, payments for construction workers
Savings	Saving schemes
Others	Indicate equivalence

According to the data retrieved by the regional and community technicians, the following results were obtained:

Figure F1. Final destination of PES by project participants



Note: the numbers presented here only represent an approximation, since they had some methodological difficulties in their collection. During the data gathering, we were able to identify that the smallholders have some troubles in identifying and analysing their daily budget, as well as their annual income and expenses. Some of the inputs described below are obtained from their own productive activities, or paying a to third party, but they are still not fully identified.

## Section G: Payments for Ecosystem Services

### G1: Summary of annual PES

Chart G1: Summary of annual payments made to project participants

Year	USD
2018	44,090.32
2017	28,977.93
2016	20,947.22
2015	39,903.69
2014	27,721.00
2013	35,963.11
2012	45,162.60
2011	102,298.03
2010	98,433.07
2009	45,921.17
2008	28,083.02
2007	23,165.91
2006	30,268.65
2005	16,708.54
2004	22,921.09
2003	47,932.00
2002	29,088.50
2001	3,166.26
Total	<b>690,752.11</b>

## **Section H: Participation**

### **H1: Enrolment and new project areas**

This report includes new communities from the Protection Area of Flora and Fauna "La Fraylesca", three communities of the Tojolabal region, as well as the community of Tziscao, located within the National Park "Montebello Lakes".

La Gloria / Santa Isabel is a ranch located in the upper part of the Fraylesca basin; its main productive activities are corn, beans and coffee crops, however the latter has seen its production drastically decreased due to pests and diseases. For the above, the conversion of some plots began through the Scolel'te Program using the Taungya system.

The community of Tziscao is located within the buffer zone of the National Park "Montebello Lakes". Its main economic activities are ecotourism services and coffee production. They began to participate in Scolel'te since 2004. Currently there are 24 hectares of established agroforestry systems besides a recently added surface to the program.

Gonzalez de León is a community that belongs to the municipality of Las Margaritas, Chiapas. The local population speak the Tojolabal indigenous language. Its main productive activities are corn and beans crops. Most of its inhabitants have immigrated to other cities in search of better living conditions. Particularly, this is an area where forests have been affected by illegal logging as well as pests in pines.

The community of San José las Rosas belongs to the municipality of Comitán, located on the central plateau of the state of Chiapas. The production of charcoal and furniture (chairs, tables, bookshelves, etc.) is the main economic activity of the inhabitants. However, poor management of their forests has led to serious degradation. The intervention of this area seeks to restore the local natural resources and promote their responsible use.

### **H2: Project potential**

AMBIÓ has made agreements with government institutions such as the National Forestry Commission (CONAFOR) and the National Commission for Natural Protected Areas (CONANP), with the objective that communities with a good level of organization and commitment can participate in the restoration and reforestation actions promoted by the Scolel'te Program. Currently, a new work area for the project has been evaluated in the Soconusco region, located in the southern part of the state of Chiapas. Given the local context, this zone is suitable for agroforestry systems such as improved coffee.

The escalation of the program in other states in south-eastern Mexico has also been proposed. For this, it is necessary to strengthen alliances with other organizations associated to AMBIÓ, in order to expand the program area under a previous agreement.

### H3: Community participation

During 2018, four meetings were held with the assistance of regional and community technicians, as well as guests of CONANP.

The first meeting was held on January 18 and 19, 2018. The main points of the meeting were:

- The participants discussed the role of co-benefits, specially the provision of water in plots registered in Scolel'te. It was followed by a presentation of co-benefits indicators
- It was arranged a pruning workshop provided by a young professional from the trainee program of the Chapingo University.
- An informative session about sampling studies for available wood volumes in plots.
- A representative of RED MOCAF gave a presentation about community organization and its formalization mechanisms

The second meeting took place on April 19, 2018. Relevant discussed topics include:

- Explanation of the process to be enrolled as a farmer in Scolel'te, with the aim to share experiences and solve questions of newly admitted technicians.
- Presentation of the new monitoring format with a section of co-benefits indicators and instructions for its pilot implementation.
- Presentation of a field survey of current and future trainings. As a result, new training areas were identified such as management of pest and plagues in fruit species, as well as successive trainings on thinning and harvesting.

The third meeting was held in July 12 and 13, 2018. The following were the main issues discussed:

- Presentation of the letter of agreement between AMBIO and the project participant for the provision of PES.
- Discussion about the feasibility to institute a formal organization of community and regional technicians of the Scolel'te Program. This activity had as a precedent the field trip to the Sierra Norte de Puebla.
- Presentation of the role and duties of community and regional technicians.

The fourth meeting took place on October 18, 2018. The main points addressed include:

- Presentation of the communication strategy for the Scolel'te Program. As a result, particular support was requested to community technicians to obtain testimonies, photographs and videos, in order to improve the communication of the project impacts.
- Federico Guss, student of the University of Quest (Canada), introduced a research proposal about the permanence of agroforestry systems of project participants whose carbon payments have concluded.
- Presentation of a methodology to measure freshwater volumes in rivers and streams as well as its possible implementation in the field.

## Section I: Operational Costs

### I1: Budget

The following chart shows the total expenses of the Program, covered either by the Scolel'te Program as well as by other projects and initiatives implemented by AMBIO.

Chart I1. Scolel'te 2018 budget (in USD)

Concept	Description	Amount	Contribution from the sale of PVC	Contribution from other sources
<b><u>Salaries</u></b>				
Administrative director	Responsible for administrative duties and the assignment of contracts	4743.08	2371.54	2371.54
Technical director	Responsible for technical management	5,928.84	2964.42	2964.42
Carbon sales coordinator	Responsible for carbon sales, marketing activities and documents edition.	12332.01	12332.01	00.00
Technical coordinator	Responsible for coordination of regional and community technicians. Also in charge of monitoring activities.	8123.28	4686.61	3436.67
Accountant	Responsible for programming transfers, payments, subsidies and other expenses	7437.34	4237.34	3200.00
Regional technicians	Representatives of the regions, who provide direct communication with community technicians	11231.46	5615.72	5615.72
<i><b>Subtotal</b></i>		<b>49,796.01</b>	<b>32,207.64</b>	<b>17,588.35</b>
<b><u>Field expenses</u></b>				
Field allowances	Field trips by AMBIO staff and regional technicians	12525.68	6125.86	6400.00
Monitoring expenses	Salaries for regional and community technicians	1548.84	774.42	774.42
<i><b>Subtotal</b></i>		<b>14,074.52</b>	<b>6,900.28</b>	<b>7174.42</b>
<b><u>Administrative expenses</u></b>				
Banking fees	Banking fees for the administration of the project trust fund	4309. 62	4309. 62	00.00
Taxes	Income taxes paid to the Mexican Ministry of Finance as	2,111.11	2,111.11	00.00

	a result of PES			
<i>Subtotal</i>		<b>6,420.73</b>	<b>6,420.73</b>	<b>0.00</b>
<b>Strengthening of governance and training activities</b>				
Exchange of experiences	Transportation, food and accommodation expenses in Puebla	2800.00	1500.00	1300.00
Biannual meetings	Follow-up meetings with regional and community technicians	1108.91	608.91	500.00
Quarterly meetings	Follow-up meetings with regional and community technicians	1223.74	723.74	500.00
<i>Subtotal</i>		<b>5,132.65</b>	<b>2,832.65</b>	<b>2,300.00</b>
<b>Other expenses</b>				
Vehicle maintenance and insurance	Insurance of the program's own vehicle, as well as payments for the concept of maintenance.	2173.20	2173.20	1000.00
<i>Subtotal</i>		<b>3,173.20</b>	<b>2,173.20</b>	<b>1000.00</b>
<b>TOTAL</b>		<b>78,597.11</b>	<b>50,534.50</b>	<b>28,062.77</b>

# Annexes

## Annex 1. List of smallholders and plots with sale commitments 2018

SMALL-HOLDER ID	PLOT ID	NAME	COMMUNITY	TECHNICAL SPECIFICATION	AREA (ha)	CO2 x System	10% buffer	Allocation of CO2
RFRA092	RFRA092c		LA GLORIA/SANTA ISABEL	AF-TAUG-TROP	3	629	63	566
RFRA139	RFRA139a		LA GLORIA/SANTA ISABEL	AF-TAUG- TROP	2	419	42	377
RFRA140	RFRA140a		LA GLORIA/SANTA ISABEL	AF-TAUG- TROP	1	210	21	189
RFRA141	RFRA141a		LA GLORIA/SANTA ISABEL	AF-TAUG- TROP	2	419	42	377
RFRA142	RFRA142a		LA GLORIA/SANTA ISABEL	AF-TAUG- TROP	1.5	315	31	283
RFRA143	RFRA143a		LA GLORIA/SANTA ISABEL	AF-TAUG- TROP	1	210	21	189
RFRA144	RFRA144a		LA GLORIA/SANTA ISABEL	AF-CERVI-TEMP	3	214	21	193
RFRA145	RFRA145a		LA GLORIA/SANTA ISABEL	AF-TAUG- TROP	1	210	21	189
RFRA146	RFRA146a		LA GLORIA/SANTA ISABEL	AF-TAUG- TROP	1	210	21	189
RFRA147	RFRA147a		LA UNION	AF-TAUG-TROP	1	210	21	189
RFRA091	RFRA091c		LA UNION	AF-TAUG-TROP	2	419	42	377
RFRA088	RFRA088b		LA UNION	AF-TAUG-TROP	1	210	21	189
RFRA090	RFRA090b		LA UNION	AF-TAUG-TROP	2	419	42	377
RFRA086	RFRA086c		LA UNION	AF-TAUG-TROP	2	419	42	377
RFRA148	RFRA148a		LA UNION	AF-TAUG-TROP	1	210	21	189
RFRA148	RFRA149a		LA UNION	AF-TAUG-TROP	1	210	21	189
TOJ159	TOJ159e		SAN JOSE LAS ROSAS	FOR-REST-SUBT1	1	164	16	148
TOJ159	TOJ159f		SAN JOSE LAS ROSAS	FOR-REST-SUBT1	0.5	82	8	74
TOJ159	TOJ159g		SAN JOSE LAS ROSAS	AF-CERVI-TEMP	15	1071	107	964
TOJ171	TOJ171b		SAN JOSE LAS ROSAS	FOR-REST-SUBT1	1	164	16	148
TOJ172	TOJ176b		SAN JOSE LAS ROSAS	FOR-REST-SUBT1	1.5	246	25	221

<b>TOJ189</b>	TOJ189a		GONZALEZ DE LEON	FOR-ACME-TEMP	0.5	68	7	62
<b>TOJ189</b>	TOJ189b		GONZALEZ DE LEON	FOR-ACME-TEMP	0.5	68	7	62
<b>TOJ190</b>	TOJ190a		GONZALEZ DE LEON	FOR-ACME-TEMP	1	137	14	123
<b>TOJ191</b>	TOJ191a		GONZALEZ DE LEON	FOR-REST-SUBT1	1	164	16	148
<b>TOJ192</b>	TOJ192a		GONZALEZ DE LEON	FOR-ACME-TEMP	0.5	68	7	61
<b>TOJ193</b>	TOJ193b		GONZALEZ DE LEON	FOR-ACME-TEMP	0.5	68	7	61
<b>TOJ193</b>	TOJ193a		GONZALEZ DE LEON	FOR-ACME-TEMP	0.5	68	7	61
<b>TOJ194</b>	TOJ194a		GONZALEZ DE LEON	FOR-ACME-TEMP	1	137	14	123
<b>TOJ182</b>	TOJ182b		GONZALEZ DE LEON	FOR-ACME- TEMP	0.5	68	7	61
<b>TOJ183</b>	TOJ183c		GONZALEZ DE LEON	FOR-ACME- TEMP	1.25	171	17	154
<b>TOJ186</b>	TOJ186c		GONZALEZ DE LEON	AF-CERVI-TEMP	1	71	7	64
<b>TOJ186</b>	TOJ186d		GONZALEZ DE LEON	FOR-REST-SUBT1	0.25	41	4	37
<b>TOJ198</b>	TOJ198a		RANCHERIA LAS DELICIAS	FOR-REST-SUBT1	35	5742	574	5168
<b>TOJ195</b>	TOJ195a		YALUMA	FOR-ACME- TEMP	1	137	14	123
<b>TOJ196</b>	TOJ196a		YALUMA	FOR-ACME- TEMP	1	137	14	123
<b>TOJ196</b>	TOJ196b		YALUMA	FOR-ACME-S TEMP	0.25	34	3	31
<b>TOJ197</b>	TOJ197a		YALUMA	FOR-ACME- TEMP	0.5	68	7	61
<b>MOBE01 1</b>	MOBE011d		TZISCAO	FOR-ACME- TEMP	4	547	55	492
<b>MOBE01 1</b>	MOBE011f		TZISCAO	FOR-ACME- TEMP	1	137	14	123
<b>MOBE01 1</b>	MOBE011e		TZISCAO	AF-CERVI- TEMP	4	286	29	257
<b>RFRA137</b>	RFRA137a		BONANZA	AF-TAUG-TROP	1	210	21	189
<b>RFRA138</b>	RFRA138a		BONANZA	AF-TAUG-TROP	1	176	16	160 <sup>10</sup>
				<b>TOTAL</b>	<b>101.75</b>	<b>15,262</b>	<b>1,524</b>	<b>13,738</b>

<sup>10</sup> This smallholder had a total of CO2 of 189, but for this year we only allocated 160, so he has a remanent pending to allocate of 29.

## Annex 2. Monitoring results for plots registered in 2018

Plot ID	Num /Mon	Year	Result	Species	DG (m)	DT	AH (m)	HT (m)	ST (m)	SR (%)	DR (%)
MOBE011h	1	2018	174	CIPRES 135, MORRO 5, CIPRES DE MONTAÑA 2, ZAPOTILLO 1, PINO 22	2.28 X 2.60	7	2	7	0.35	78	22
MOBE011d	1	2018	2282	CIPRES 2282	2.84X2.92	233	1.86	2.7	0.2	52	48
MOBE011e	1	2018	436	CIPRES 302, PINO 5, PALO BLANCO 5, CAÑA DE ARDILLA 87, CHALUM 1, LIQUIDAMBAR 15, LENGUA DE VACA 1 CRIANDERO 2	2.88	5	0.64	0.8	0.1	82	18
MOBE011f	1	2018	874	CIPRES 127, PINO 13, LIQUIDAMBAR 249, CORCHO 393	3.19x3.08	7	0.43	0.57	0.12	64	36
RFRA139a	1	2018	1164	CEDRO 671, MACULIS 493	3.9 X 4.02	90	0.64	0.83	0.28	100	0
RFRA140a	1	2018	600	CEDRO 307, MACULIS 293	3.7X4.01	74	0.71	0.87	0.4	100	0
RFRA141a	1	2018	1231	CEDRO 578, MACULIS 653	3.98X3.97	65	0.55	0.79	0.28	100	0
RFRA145a	1	2018	596	CEDRO 305, MACULIS 291	3.48X3.5	60	0.44	0.74	0.28	100	0
RFRA146a	1	2018	1208	CEDRO 537, MACULIS 671	2.9X2.81	58	0.69	0.8	0.65	100	0
RFRA142a	1	2018	1029	MACULIS 487, CEDRO 594	3.44X3.24	169	0.52	0.77	0.31	85	15
RFRA144a	1	2018	363	PINO 359, MACULIS 2, CEDRO 2	3.36	43	0.51	0.85	0.2	100	0
RFRA143a	1	2018	568	CEDRO 294, MACULIS 274	3.9X3.54	44	0.73	0.9	0.15	60	40
RFRA092c	1	2018	1863	CEDRO 1175, MACULIS 688	3.53X3.75	19	0.55	0.85	0.27	100	0
RFRA088b	1	2018	406	CAOBILLA 82, CHACOGUITE 1, CEDRO 106, COCOITE 9, MACULIS 53, LUMBRICORO 1, TEPEGUAJE 2, GUANACastle 3, GUACHIPILIN 32, CUALOTE 1, PAPAUSA 1, LIMON PERSA 2, GUAPINOL, 2, GUASH 27, PUMAROSA 1, MUJU 1, BOJON 76, MANGO 6	3.96X3.99	4	1.82	6.18	0.79	77	23

RFRA090b	1	2018	1247	CEDRO 683, GUASH 192, MACULIS 51, TEPEGUAJE 17, PINO 154, NANCHE 10, COCOITE 81, NARANJA 16, LIMON 14, GUANANCHE 11, MANDARINA 18, AGUACATE 5	4.08X4.02	42	0.65	3.95	0.31	90	10
RFRA086b	1	2018	1221	CEDRO 459, GUASH 438, CAOBILLA 36, CACAO 9, MACULIS 259, NARANJA 10, MANDARINA 10	4.01X3.69	28	1.17	5.62	0.39	92	8
RFRA148a	1	2018	604	GUASH 193, CEDRO 392, COCOITE 9, GUACHIPILIN 3, NANCHE 3, MACULIS 4	3.78X3.83	22	0.73	3.71	0.42	100	0
RFRA149a	1	2018	627	CAOBA 93, GUACHIPILIN 58, MATARATON 200, NISPERO 8, MANGO 13, PATERNA 6, CEDRO 250	4.18X 4.14	0	2.35	4.21	0.25	100	0
RFRA091c	1	2018	1201	GUACHIPILIN 18, CEDRO 1052, MACULIS 17, COCOITE 18, BOJON 37, CIPRES 9, CAOBILLA 68	4.07x4.08	0	2.04	6.59	0.69	80	20
RFRA147a	1	2018	611	CEDRO 379, PINO 123, MACULIS 57, NARANJA 8, MANDARINA 9, LIMON 8, GUANABANA 4, PLATANO 16, AGUACATILLO 1, NANCHE 6	3.9X3.99	7	1.01	3.59	0.4	100	0
TOJ159g	1	2018	995	PINO 231, ROBLE 539, CHIQUINIB 36, CIPRES 97, MADROÑO 6	VARIABLE	0	2.51	5.18	0.07	100	0
TOJ159f	1	2018	171	CIPRES 33, PINO 15, ROBLE 110	1.89	1	1.16	7	0.1	100	0
TOJ159e	1	2018	1893	CIPRES 1566, ENCINO 198, PINO 18	3.14	152	0.35	0.47	0.1	78	22
TOJ171b	1	2018	655	ENCINO 582, PINO 39, CIPRES 34	1.58X1.64	87	2.64	4.5	0.15	57	43
TOJ176b	1.5	2018	1103	CIPRES 1038, PINO 16, ENCINO 49	2.48X3.02	3	0.58	1.1	0.09	20	80
TOJ193b	1	2018	287	CIPRES 271, PINO 16	2.52X3.56	27	0.31	0.48	0.18	77	23
TOJ193a	1	2018	449	CIPRES 369, PINO 80	3.45X3.17	13				87	13
TOJ192a	1	2018	213	CIPRES 213	3.51X3.44	17	0.36	0.51	0.2	89	11
TOJ189a	1	2018	317	CIPRES 306, PINO 11	4X4	35	0	0.58	0.17	80	20
TOJ189b	1	2018	240	CIPRES 240	3.23X3.43	7	0	0	0	100	0

<b>TOJ190a</b>	1	2018	448	CIPRES 438, PINO 10	3.45X3.85	98	0.38	0.38	0.12	84	16
<b>TOJ191a</b>	1	2018	677	CIPRES 622, PINO 57	4.19X4.24	76	0.29	0.4	0.2	80	20
<b>TOJ194a</b>	1	2018	411	PINO 1, CIPRES 410	3.38X3.28	65	0.3	0.66	0.16	25	75
<b>TOJ182b</b>	1	2018	391	CIPRES 388, PINO 3	3.73X3.68	3	0.44	0.52	0.23	91	9
<b>TOJ183c</b>	1	2018	563	CIPRES 563	5.5X4	5	0.41	0.51	0.2	91	9
<b>TOJ186d</b>	1	2018	237	CIPRES 207, PINO 30	3X3.14	23	0.29	1.15	0.13	75	25
<b>TOJ186c</b>	1	2018	210	CIPRES 199, PINO 11	3.19	7	0.38	0.5	0.12	100	0
<b>TOJ195a</b>	1	2018	483	PINO 172, CIPRES 311	2.71X 3.95	81	0.28	0.4	0.2	100	0
<b>TOJ196a</b>	1	2018	309	PINO 268, CIPRES 41	3.55X3.72	39	0.3	0.42	0.14	100	0
<b>TOJ196b</b>	1	2018	197	CIPRES 193	3.79X3.68	11	0.21	0.56	0.14	76	24
<b>TOJ197a</b>	1	2018	278	PINO 231, CIPRES 47	3.57X3.72	50	0.34	0.47	0.14	75	25
<b>RFRA137a</b>	1	2018	473	CEDRO 252, MACULIS 155, BOJON 22, MORINGA 8, COCOITE 28, MANGO 3, CASPIROLA 5, CHICHARO 11, MANGO 3, YACA 1, CASPIROLA 5	3.31X3.20	48	1.34	4.6	0.32	78	22
<b>RFRA138a</b>	1	2018	456	CEDRO 402, GUACHIPILIN 10, TARAY 5, MACULIS 12, CAOBILLA 4	3.77X3.46	36	0.71	4.1	0.3	100	0
<b>TOJ198a</b>	1	2018	6363	PINO 2469, CIPRES 2252, ROBLE 1638, MADROÑO 4	Variable	67	2.23	4.52	0.2	85	15

## Annex 2 B. Results of the verification of monitored plots 2018

Plot ID	Num/ Mon	Year	Result	Species	DG (m)	DT	AH (m)	HT (m)	ST (m)	SR (%)	DR (%)
MOBE011e	1	2018	436	CIPRES 302, PINO 5, PALO BLANCO 5, CAÑA DE ARDILLA 87, CHALUM 1, LIQUIDAMBAR 15, LENGUA DE VACA 1 CRIANDERO 2	2.99	6	0.7	0.9	0.1	82	18
RFRA143a	1	2018	566	MACULIS 272, CEDRO 294	3.77X3.86	64	0.73	0.98	0.45	100	0
TOJ171b	1	2018	82	CIPRES 40, PINO 23, ENCINO 22	1.58X 1.64	8	0.44	2.3	0.12	66	34
TOJ191a	1	2018	677	CIPRES(622), PINO(57),	4.20X4.2	76	0.3	0.5	0.2	80	20

Identification code for plots

Number of the monitoring corresponding to the plot

Number of living trees found in the plot

Number of living trees found in the plot in the internal verification. When no verification corresponds to the plot, value is 0.

General Distance (DG) between trees planted in the plot

Dead Trees (DT) found in the plot

Average Height (AH) of the trees in the plot

Sanity Rate (SR)

Damage Rate (DR)

Highest Tree (HT)

Smallest Tree (ST)

## Annex 3. Monitoring results carried out in 2018

Follow-up monitoring and internal verification in previously registered areas under management, performed in 2018

Plot ID	Num /Mo n	Year	Result	Species	DG (m)	DT	AH (m)	HT (m)	ST (m)	SR (%)	DR (%)
AMEX087a	5	2018	318	CEDRO 248, CAOBA14, ZAPOTE DE AGUA 10, GUANACASTE 40, MACULIS 1, HORMIGUILLO 1	4.08X 3.88	0	9.6	12	4	75	25
AMEX083a	5	2018	332	CEDRO 209, CAOBA 2, GUANACastle 50	3.38X 5.44	0	7.6	11	5	76	24
AMEX143a	5	2018	523	CEDRO 303, CAOBA 209, AMAPOLA 1, RAMON 10	3.95X 3.84	0	9.2	13	3	100	0
TUMB027a	5	2018	130	CEDRO 75, MACULIS 54, BOJON 1	8.6X8	0	6.8	10	3	100	0
TUMB005a	5	2018	70	CEDRO 25, MACULIS 28, BOJON 14, POPISTE 3	6.88X 9.36	0	8	12	4	100	0
TUMB005b	5	2018	102	MACULIS 41, CEDRO 50, BOJON 4, LAUREL 2, FRJOLILLO 3	6.98X 9.2	0	6.6	12	4	100	0
TUMB037a	0	2018	85	CEDRO 42, FRJOLILLO 2, NOGAL 5, MACULIS 33	8.8X9	1	7	10	4	99	1
TUMB004a	5	2018	70	CEDRO 32, MACULIS 19, FRIJOLILLO 2, BOJON 13, LAUREL 2, GUANACastle Falso 1, NOGAL 1	9.6X9. 2	0	7.6	13	4	100	0
TUMB043a	5	2018	28	LAUREL 2, CEDRO 18, ZAPOTE MAMEY 5, AGUACATE 2	10X10	0	7	11	4	26	74
TUMB017b	5	2018	3	CEDRO 2, MACULIS 1	0	0	0	0	0	0	0
TUMB017a	5	2018	18	CEDRO 5, CEIBA 5, OTRAS ESPECIES 8	0	0	0	0	0	0	0
TUMB048a	4	2018	39	BARÍ 39	0	0	0	0	0	0	0
LACA357b	3	2018	436	BARÍ 302, PINO 10, TZEL 64, PAJULTE 51, OTRAS ESPECIES 19	3.87X 3.89	174	0.67	2	0.2	100	0

LACA196a	4	2018	557	WAYTE 99, CAOBA 78, BARÍ 171, CANSCHAN 84, PINO 26, PAJULTE 20, LAUREL 22, ENCINO 57	3.94X 3.95	60	1.91	5	0.9	100	0
LACA060b	4	2018	514	CAOBA 101, BARÍ 177, CEDRILLO 41, CANSCHAN 37, LAUREL 23, WAYTE 31, PINO 1, TZIT 23, PAJULTE 53, DURASNILLO 27	3.93X 3.84	70	0.9	3.5	0.9	99. 03	0.9 7
LACA072b	4	2018	125	DURASNILLO 20, BARÍ 61, CAOBA 16, PAJULTE 19, GUANACastle 6, CABEZA DE MICO 3	2.99	9	1.81	4	0.6	100	0
LACA198b	4	2018	559	BARÍ 192, CAOBA 291, CEDRO 32, DURASNILLO 31, RAMON 13	3.94X 3.92	6	3.1	4.3	1.2	93	7
LACA209a	5	2018	588	CAOBA 120, RAMON 19, BARÍ 314, CANSCHAN 17, CACATE 1, DURASNILLO 13, CEDRO 9, LAUREL 9, PINO2, PAJULTE 84	3.98X 3.93	28	2.31	8	0.9	100	0
RISE038a	3	2018	3726	PINO 39, ENCINO 2, LIQUIDAMBAR 7, CACATE 76	3.34X 3.45	0	3.2	9	1.3 8	100	0
RBTR008b	2	2018	250	CHALUM 249, CHICHARO 1	3.63 X 4.08	0	7.98	10	6.6	100	0
RBTR034a	2	2018	118	PINO 87, GUACHIPILIN 31	3.13	0	10.8 6	12. 86	3.2	100	0
RBTR032a	3	2018	76	PINO 66, CIPRES 10	3.04	0	1.97	4.1	0.6 4	100	0
RBTR033a	2	2018	1258	PINO 1251, NANCHE 7	3.42X 3.68	0	1.78	4.8	0.6 7	100	0
RBTR002a	5	2018	174	CEDRO 15, TROMPITO 5, MATARRATON 26, TARAY 5, GUAYABA 3, GUACHIPILIN 32, CHALUM 1, CHICHARO 8, CATARINA 33, LOLO 1, CASPIROLA 17, MACULIS 9, NANCHE 3, TEPEHUAJE 1, CAOBILLA 15, GUANACastle 2.	4.47X 4.81	0	3.95	8.2	1.2 7	100	0
RISE190c	5	2018	146	PINO 2, CAOBILLA 6, GUANACastle 5, AGUACATILLO 45, BOJON 12, CEDRO 16, GUACHIPILIN 54, MACULIS 6	3.01	0	2.47	5.3	1.2 7	76	24
RFRA008a	5	2018	61	MACULIS 17, LIMON 1, GUACHIPILIN 2, GRANADILLO 3, PAPAUZA 1, CEDRO 34	3.02	4	2.77	7	0.6 9	50	50
RFRA092a	5	2018	312	MACULIS 24, MANGO 29, CEDRO 39, PATERNA 16, CAOBILLA 8, GUACHIPILIN 38, CAPULIN 6, PRIMAVERA 6, GUANACastle 2, RAN 93, BOJON 21, PINO 12, MUJU 17, TARAY 4, CHICHARO 2, GUAPINOL 2	3.01	0	4.65	7.9 5	1.6 9	100	0

<b>RFRA092b</b>	5	2018	199	CEDRO 37 , GRANADILLO 5, GUACHIPILIN 37, BOJON 22, NARANJA 4, CAPULIN 19, TARAY 3, CIPRES 4, PINO 12, JACARANDA 10, MALACATE 9, CAOBILLA 8, MACULIS 19, MANGO 11, CHAPERLA 5	3	0	2.97	6.6	1.5	78	22
<b>RFRA109a</b>	3	2018	555	CEDRO 143, CIRUELA 7, CHNCUYA 12, MACULIS 94, AGUACATILLO 1, PINO 52, MANGO 4, DURASNO 3, AGUACATE 8, NARANJA 11, GUANABANA 44, LIMON 106	3.94X 4.21	0	1.68	3.6	0.0	100	0
<b>RFRA111a</b>	3	2018	499	AGUACATILLO 179, CAOBA 13, GRANADILLO 114, MACULIS 8, TARAY 28, GUACHIPIN 39, TROMPITO 34, CEDRO 8, CHALUM 18, PINO 58	3.63X 3.84	8	1.29	2.3	0.7	80	20
<b>RFRA112a</b>	3	2018	592	PINO 314, GRANADILLO 188, AGUACATILLO 82, TROMPITO 8	3.95X 3.83	3	1.11	2.4	0.2	62	38
<b>RFRA113a</b>	3	2018	613	CEDRO 196, TOMPITO 11, CAOBA 28, GUACHIPILIN 9, MACULIS 369	4X4.0 6	40	0.47	0.9	0.1	64	36
<b>RFRA114a</b>	3	2018	580	CEDRO 324, TARAY 3, MACULIS 253	4.09X 4.10	17	0.42	0.8	0.1	60	40
<b>RFRA115a</b>	3	2018	682	PINO 69, CEDRO 219, MACULIS 394	3.92X 4.07	0	0.45	0.9	0.1	44	56
<b>RFRA116a</b>	3	2018	623	CEDRO 199, MACULIS 147, PINO 277	3.97X 4	19	0.49	1.1	0.1	90	10
<b>RFRA117a</b>	3	2018	529	CEDRO 306, MACULIS 136, TROMPITO 43, CASPIROLA 16, PINO 14, CHALUM 26, GUAYABA 2, LIMON 2	4X3.9 3	61	0.93	2.0	0.1	92	8
<b>RFRA118a</b>	3	2018	662	MACULIS 278, OCOTE 44, CEDRO 284, CAOBA 56	3.98X 4.14	8	0.49	1.1	0.1	50	50
<b>RFRA119a</b>	3	2018	567	MACULIS 84, CEDRO 341, TROMPITO 27, PINO 49, CHALUM 52, CASPIROLA 9, LIMON 2, MORRO 5	3.96X 4.01	38	0.74	1.7	0.2	90	10
<b>RFRA120a</b>	3	2018	632	MACULIS 315, CEDRO 258, CAOBILLA 5, TROMPITO 27, CHALUM 24, CASPIROLA(8),TARAY(3),	4.03X 4.04	31	1.12	3.3	0.3	94	6
<b>RFRA121a</b>	3	2018	423	CEDRO 243, MACULIS 180	3.67X 4.04	219	0.54	1.8	0.4	22	78
<b>RFRA122a</b>	3	2018	635	CEDRO 270, MATILISGUATE 265, TARAY 60, MATAWEY 15, CASPIROLA 10, OCOTE 15	3.98X 3.96	15	0.45	1.1	0.1	89	11

<b>RFRA123a</b>	3	2018	484	MACULIS 297, MATAWEY 102, GUACHIPILIN 51, TROMPITO 25, PLATANO 15, NANCHE 9	4.05X 4.01	78	0.66	2.8	0.2 8	89	11
<b>RFRA124a</b>	3	2018	569	GUACHIPILIN 48, GUANABANA 3, TROMPITO 16, MACULIS 300, NARANJA 11, MANGO 3, MANDARINA 12, MATAWUEY 100, NANCHE 31, DURAZNO 12, CIRUELA 14, YACA 4, PLATANO 16	4X4.0 3	18	0.75	2.3	0.2 5	93	7
<b>RFRA125a</b>	3	2018	642	CAOBILLA 234, CEDRO 349, PINO 59	3.97X 3.99	0	0.5	1.8 5	0.1 4	100	0
<b>RFRA126a</b>	3	2018	702	PINO 710	4.08X 3.99	8	0.7	0.8	0.6 5	87. 5	12. 5
<b>RFRA127a</b>	3	2018	747	MACULIS 38, CAOBA 196, OCOTE 104, CEDRO 359	3.91X 3.98	13	0.38	0.6 3	0.1 3	40	60
<b>RFRA128a</b>	3	2018	576	CEDRO 270, MACULIS 142, CAOBA 175	3.69X 3.95	36	0.5	1.6	0.3 2	56	44
<b>RFRA129a</b>	3	2018	633	CEDRO 270, MACULIS 310, PINO 53	3.98X 3.98	32	0.46	1.6 5	0.2 8	79	21
<b>RFRA130a</b>	3	2018	613	CEDRO 290, PINO 98, MACULIS 225	3.94X 3.82	26	0.43	1.7	0.3 5	67	33
<b>RFRA131a</b>	3	2018	670	CEDRO 295, OCOTE 35, MACULIS 340	2.33X 4.96	15	0.57	1.8	0.1 3	80	20
<b>RFRA132a</b>	3	2018	544	PINO 373, CEDRO 216, MACULIS 33, CAOBILLA 22	3.72X 4.14	69	0.6	1.9 7	0.3	87	13
<b>RFRA133a</b>	3	2018	671	PINO 419, CEDRO 218, MACULIS 9, TROMPITO 24, AGUACATE 1	3.96X 3.98	53	0.7	1.5	0.3 5	78	22
<b>RFRA134a</b>	3	2018	498	CEDRO 372, CAOBA 18, GUAJE 14, MACULIS 29, MUJU 33, CAULOTE 32	2.74X 3.29	12	0.5	0.8 4	0.1 3	71	29
<b>RFRA135a</b>	3	2018	664	CEDRO 360, MACULIS 180, PINO 145	3.26X 4.3	21	0.63	1.9	0.4	63	37
<b>RFRA136a</b>	2	2018	530	CEDROS 275, MACULIS 230, CAOBILLA 18, GUABANA 6, CACAO 1	3.1	17	0.68	2.1 5	0.2 9	89	11
<b>RFRA068a</b>	3	2018	634	CEDRO 289, CAOBILLA 159, MACULIS 103, COCOITE 83	3.99X 3.98	6	2.46	3.4	0.2 7	94	6

RFRA069a	2	2018	209	CEDRO 82, PINO 127	4.22X 3.85	31	0.42	0.7	0.1 8	34	66
TOJ182a	3	2018	1010	CIPRES 720, PINO 290	2.9X3. 04	95	1.23	1.7	0.2	59	41
TOJ184a	3	2018	452	CIPRES 432, PINO 20	3X3.2 4	18	1.83	3.5	0.4	84	16
TOJ186a	3	2018	693	CIPRES 564, PINO 129	3.7X3. 64	20	1.56	2.1	0.2	84	16
TOJ186b	3	2018	207	CIPRES 201	3.63X 3.79	6	0.29	1.7	0.3 5	89	11
TOJ180a	3	2018	732	CIPRE 57, PINO 162	3.46X 3.57	64	0.84	1.9	0.2	87	13
TOJ185a	3	2018	1345	CIPRES 1096, PINO 49	3.36X 3.58	152	0.45	3.5	0.2	80	20
TOJ181a	3	2018	526	CIPRES 423, PINO 103	3.43X 3.46	9	0.9	2.4	0.3	97	3
TOJ183a	3	2018	498	CIPRES 422, PINO 76	3.27X 3.01	25	1.16	2.2	0.4	91	9
TOJ183b	3	2018	161	CIPRES 148, PINO 13	3.76X 3.37	19	1.54	2.8	0.4	84	16
TOJ187a	2	2018	469	CIPRES 313, PINO 156	3.52X 3.54	25	1.86	3.1	0.3 5	88	12
TOJ188a	2	2018	769	CIPRES 717, PINO 52	3.72X 3.36	9	1.13	3	0.2	95	5
TOJ184b	3	2018	517	CIPRES 429, PINO 88	3.18X 3.49	16	0.41	2.1	0.2 6	84	16
MOBE002a	4	2018	565	PINO 108, CIPRES 401	2.56X 2.91	25	0	18	3	75	25
MOBE001a	5	2018	1095	PINO 62, CIPRES 798, LIQUIDAMBAR 15		3	18.5	13. 7	3.2 5	92	8
MOBE011a	5	2018	1024	CIPRES 950, PINO 52 CORCHO 1 PALO DE ARDILLA 2		71	15	18	4	75	25

<b>MOBE003b</b>	6	2018	302	CIPRES 301, LIQUIDAMBAR 1	2.15	1	12.2	15	5	76	24
<b>MOBE010c</b>	5	2018	528	ROBLE 45, PALO HUESO 33, GUARUMBO 55, CHALUM 55, CAÑA DE ARDILLA 48, ZAPOTILLO 48, CAMOFLORIA 30, CHAQUIOL 32, CIPRES 57, PALO BLANCO 22, PALO AMARILLO 20, CANOJOL 63, PAJULUL 20	0	0	12.5	20	6	75	25
<b>MOBE010a</b>	5	2018	280	CIPRES 220, LENGUA DE VACA 3, OCOTE 2, SILICH 5, CERAMONTE 2, LIQUIDAMBAR 15, CAÑA DE ARDILLA 15, AMATE 1, EBANO 15, PALO HUESO 5	2.9X2.8	3	13.48	16	3	100	0
<b>MOBE005b</b>	5	2018	357	CIPRES 184, LIQUIDAMBAR 45, PINO 128	2.68x3	12	7.3	12	0.8	84	16
<b>MOBE008b</b>	3	2018	375	CIPRES 135, CEDRO 2, LIQUIDAMBAR 115, CRIANDERO 3, CORCHO 3, PINO 115	2.85	4	2.7	0	0	75	25
<b>RFRA061a</b>	5	2018	84	CEDRO 46, GUACHIPILIN 13, MACULIS 12, BOJON 1 NANCHE 8 CAOBILLA 3 GUANASTLE 1	3.03	0	2.34	5.67	0.97	100	0
<b>MARQ009a</b>	6	2018		Documentos de respaldo en archivo							
<b>LACA237b</b>	3	2018	410	BARÍ 300, PAJULTE 87, TZATE 17, MANGO 6	3.95X3.63	205	0.45	1.5	0.22	100	0
<b>LACA216b</b>	3	2018	559	BARÍ 164, WAYTE 73, PIMIENTO 7, CAOBA 197, OTRA ESPECIE 46, LAUREL 57, CANSCHAN 6, PINO 4, CACATE 5	4X3.97	29	3	4	0.9	100	0
<b>RISE188b</b>	5	2018	122	GUACHIPILIN 18, MATARATON 1, DURAZNILLO 17, GUANACastle 7, CEDRO 16, AGUACATILLO 16, CAOBA 29, MACULIS 2, OCOTE 13, HORMIGUILLO 2	2.93	8	1.14	1.5	0.7	100	0
<b>RISE188c</b>	5	2018	229	CEDRO 53, GUACHIPILIN 43, AGUACATILLO 6, MACHETON 2, GUANACastle 34, NANCGE 37, MACULIS 10, OCOTE 47, GUAPINOL 5, CAOBA 26, NARANJA 3	3.23	13	0.8	4	0.5	84	16
<b>RISE205a</b>	5	2018	140	GUACHIPILIN 25, PINO 11, CEDRO 64, GUAPINOL 2, MACULIS 16, GUANACastle 16. CAOBA 1, PAPAUSA 4, MACHETON 1	3.23	0	1.13	5.5	0.43	93	7
<b>RFRA031a</b>	6	2018	116	CEDRO 14, GUACHIPILIN 19, TARAY 36, CAOBA 1, MACULIS 31, MATARATON 7, GRANADILLO 5, CAULOTE 3	3.86	0	3.76	6	0.5	100	0
<b>RFRA034a</b>	5	2018	136	CEDRO 65, MACULIS 15, CHICHARO 37, GUACHIPILIN 5, CHALUM 3, MANDARINA 1, TARAY 13, CAOBA 3, MANGO 4, MACHETON 3	3.26	0	1.97	6	0.9	100	0

RFRA034b	5	2018	69	CEDRO 20, MACULIS 10, PINO 10, TARAY 12, CHICHARO 8, MANDARINA 2, MACHETON 2, GUACHIPILIN 3, MANGO 1, MATARATON 10	2.88	0	1.03	5	0.5	100	0
RFRA036a	5	2018	70	CEDRO 52, GUACHIPILIN 8, MACULIS 4, MATARATON 6	3.23	0	3.6	4.9	0.3	75	25
RFRA039a	5	2018	126	CEDRO 105, MACULIS 9, LIMA 1, MANGO 5, GRANADILLO 2, CAOBA 4	2.95	0	4.22	7	0.7	80	20
RFRA039a	5	2018	162	CEDRO 82, MACULIS 14, CHICHARO 6, MANGO 3, NARANJA 1, MATARATON 47, POCHOTA 1, GUACHIPILIN 2, TARAY 4, CAULOTE 1, MACHETON 2	3.06	3	1.78	2.5	0.7	67	33
RFRA041a	5	2018	129	HORMIGUILLO 2, PRIMAVERA 1, CEDRO 82, GUACHIPILIN 1, CAOBA 15, MACULIS 28	3.14	2	3.07	8	0.8	67	33
RFRA042a	5	2018	102	CEDRO 59, HORMIGUILLO 1, AGUACATE 6, GUACHIPILIN 17, MACULIS 15, TARAY 3, MARATON 2	3.33	0	5.36	6.7	0.5	58	42
RFRA046a	5	2018	166	TARAY 41, CEDRO 47, MACULIS 19, GUAPINOL 3, GUACHIPILIN 34, CAULOTE 3, CAOBA 8, CEIBA 11	2.99	0	3.43	5	0.9	87.	12.
RFRA043a	5	2018	129	CEDRO 63, GUACHIPILIN 4, MATARATON 26, MATILISGUATE 13, CAOBA 4, CAOBA 1, MACULIS 18	3.74	0	3.99	6.5	0.7	67	33
RFRA048a	3	2018	649	CEDRO 409, MACULIS 110, CAOBILLA 61, COCOITE 31, CASPIROLA 38		22	1.47	4.9	0.2	92	8
RFRA049a	5	2018	103	CEDRO 57, HORMIGUILLO 5, GUACHIPILIN 10, MATARATON 2, MACULIS 18, PRIMAVERA 4, POCHOTA 7	3.29	0	4.77	7	1.7	75	25
LACA218b	3	2018	640	BARÍ 69, CAOBA 352, PAJULTE 53, CANSHAN 112, RAMON 40, CEDRILLO 11, WAYTE 3	4X4	7		2.2	0.8	97	3
LACA226c	3	2018	536	BARÍ 501, CAOBA 18, CANSHAN 10, PAJULTE 7	3.89X 3.94	0	0.8	1.2	0.2	100	0
LACA208c	3	2018	513	BARÍ 433, CAOBA 21, CEDRO 26, WAYTE 22, DURASNILLO 2, CACATE 7, PAJULTE 2	3.93X 3.92	33	0.88	1.4	0.3	89	11
LACA053c	3	2018	578	CAOBA 224, RAMON 40, PAJULTE 174, BARÍ 119, LAUREL 13, CABEZA DE MICO 8	3.96X 3.92	29	3.17	5	0.8	100	0
LACA058b	3	2018	571	BARÍ 332, CAOBA 236, PINO 1, PAJULTE 2	4X4	31	1.11	2	0.6	94	6

LACA224c	3	2018	575	Barí 432, CAOBA 126, WAYTE 11, CANSCHAN 6, RAMON 29	4X4	31	0.91	1.3	0.6	94	6
LACA067b	3	2018	658	BARÍ 307, CAOBA 235, CEDRO 6, CANSCHAN 38, CACATE 6, PAJULTE 34, WAYTE 4, CEDRILLO 21, RAMON 5, DURASNILLO 2	3.95X 3.91	0	1.21	2.3	1	100	0
LACA207a	5	2018	607	BARÍ 201, CAOBA 128, CANSCHAN 62, CEDRO 8, DURASNILLO 53, AGUACATE 33, PAJULTE 30, CACATE 20, LAUREL 21, PALO MULATO 20, WAYTE 11, CEDRILLO 5, CABEZA DE MICO 15	4.03x 3.96	23	3.01	10	0.4 9	100	0
LACA187a	5	2018	435	BARÍ 133, CAOBA 121, DURASNILLO 127, LAUREL 54	3.9X3. 9	160	1.94	8	0.9	100	0
LACA233a	5	2018	522	BARÍ 137, CAOBA 140, CANSCHAN 45, DURASNILLO 42, WAYTE 49, RAMON 40, LAUREL 21, CEDRILLO 14, PAJULTE 11, CACATE 4	3.88X 3.87	88	3.87	4	0.8 8	100	0
LACA213a	5	2018	676	BARÍ 285, CANSCHAN 123, DURASNILLO 23, CAOBA 33, CEDRO 27, PAJULTE 4, CORCHO NEGRO 6, CACATE 110, BALLO 19, WAYTE 29, RAMON 17	4.07X 3.82	35	2.69	8	0.8	100	0
LACA198a	5	2018	538	CAOBA 312, BARÍ 158, DURASNILLO 36, RAMON 15, ROBLE 2, CEDRO 12, CACATE 2, MANGO 1	4X4	12	2.9	4	1.2	93	7
LACA211a	5	2018	511	PINO 93, MANGO 9, BARÍ 110, CEDRO 12, CAOBA 173, CEIBA 26, PATERNA 19, CANSCHAN 21, DURASNILLO 33, AGUACATE 11, CHININO 4	4X3.9 3	111	3.47	10	1	100	0
LACA184a	5	2018	603	BARÍ 210, CAOBA 133, WAYTE 38, CANSCHAN 41, LAUREL 28, PAJULTE 91, DURASNILLO 62	3.96X 3.95	13	3.33	6	1	80	20
LACA219a	5	2018	601	BARÍ 180, WAYTE 80, CAOBA 75, CANSCHAN 85, RAMON 65, DURASNILLO 75, CEDRO 40, MANGO 1	4.01X 3.94	3	3.06	5	0.9	100	0
LACA060a	5	2018	194	BARÍ 100, CANSCHAN 32, WAYTE 14, PAJULTE 21, CEDRILLO 10, DURASNILLO 17	9.82X 10	1	4.94	11	1	100	0
LACA190a	5	2018	640	CAOBA 210, BARÍ 200, DURASNILLO 100, PAJULTE 70, WAYTE 60	3.97X 3.94	1	2.36	7	0.7	100	0
LACA185a	5	2018	524	BARÍ 82, CAOBA 246, CEDRO 54, CHANTE 21, ZAPOTE 6, MANGO 3, PAJULTE 86, RAMON 23, PALO MULATO 3	3.87X 3.86	71	3.76	9	1	100	0
LACA080b	5	2018	483	CACATE 41, PIMIENTILLO 6, CEDRILLO 24, CANSCHAN 71, DURASNILLO 56, WAYTE 77, BARÍ 47, RAMON 36, CORCHO NEGRO 11, CANSCHAN 114	3.91X 3.89	40	1.91	4	0.9	100	0

LACA053b	5	2018	624	DURASNILLO 324, CAOBA 152, CANSCHAN 28, PALO MULATO 21, CEDRO 3, PAJULTE 45, BARÍ 51	3.98X 3.93	7	2.82	7	0.8 9	100	0
LACA214a	5	2018	417	BARÍ 55, CACATE 29, CAOBA 62, GUANACASTE 4, MANGO 2, LAUREL 76, ROBLE 22, RAMON 13, CEDRO 16, WAYTE 11 ,TZAJALTE 125, CEIBO 2	4X4	0	3.58	5.3	1	100	0
LACA218a	5	2018	533	BARÍ 114, CAOBA 234, PAJULTE 102, ROBLE 6, PATERNA 1, CANSCHAN 47, MANGO 17, WAYTE 3, CEDRO 3, PINO 1, RAMON 4, DURASNILLO 1	4X4	0	2.56	4.5	1	100	0
LACA182a	5	2018	464	BARÍ 196, CAOBA 174, PINO 26, DURASNILLO 37, PAJULTE 13, RAMON 18	3.95X 3.96	33	1	5	1	90	10
LACA068b	5	2018	614	BARÍ 306, CAOBA 42, LAUREL 141, ENCINO 73, RAMON 52	3.94X 3.96	0	2.86	3.8	0.8	91	9
LACA227a	5	2018	622	CAOBA 153, CANSCHAN 161, RAMON 82, PAJULTE 73, LAUREL 122, MALA MUJER 31	3.98X 3.94	0	1.58	2.6	0.6	91	9
LACA181a	5	2018	418	BARÍ 156, CAOBA 73, PAJULTE 28, ROBLE 19, LAUREL 28, DURASNILLO 66, CANSCHAN 6, RAMON 34, WAYTE 8	4X4	6	2.46	4	0.6	91	9
LACA235a	5	2018	426	BARÍ(256),CACATE(31),PAJULTE(6),WAYTE(22),CAOBA(73),CANSCHA N(33),CEDRO(3),CEDRILLO(2),	3.86X 3.78	27	2.8	4.1	0.8	86	14
LACA333a	5	2018	544	BARÍ 342, CAOBA 112, WAYTE 23, PATERNA 8, AGUACATE 11, PUMAROSA 6, RAMON 12, CACATE 7, CANSCHAN 23	4X4	33	2.98	4.6	0.7	93	7
LACA224a	5	2018	672	BARÍ 303, CAOBA 152, CANSCHAN 56, PINO 28, DURASNILLO 3, LAUREL 42, RAMON 30, PAJULTE 7, AGUACATE 16, PATERNA 6	3.82X 3.95	0	3.18	4.5	1.2	95	5
LACA189a	5	2018	469	BARÍ 237, CAOBA 37, CHININO 2, WAYTE 103, TZAJALTE 8, CABEZA DE MONO 6, LAUREL 27, CEDRO 1, PALO MULATO 1, ITZAMPI 1, CANSCHAN 46	3.89X 3.89	12	2.58	4.1	0.8	92	8
LACA188a	5	2018	179	CAOBA 51 , BARÍ 58, CANSCHAN 6, PATERNA 22, CACATE 24 ,RAMON 5, WAYTE 13	8.98X 8.98	0	3.96	6	2	89	11
LACA201a	5	2018	623	BARÍ 230, CAOBA 327, PUMAROSA 6, DURASNILLO 13, PAJULTE 11, PINO 20, CANSCHAN 3, CEDRO 13	4X4	0	3.18	5	1	100	0
LACA194a	5	2018	395	BARÍ 300, CAOBA 12, PINO 6, PAJULTE 44, CANSCHAN 11, DURASNILLO 11, CEDRO 3, MALA MUJER 7, CACATE 1	4X4	33	2.98	4.6	0.7	85	15

LACA193a	5	2018	349	BARÍ 126, CAOBA 138, PAJULTE 32, PINO 34, MALA MUJER 8, MANGO 4, PATERNA 2, CANSCHAN 4, NANCHE 1	3.7X3.89	6	3.04	4.2	1	95	5
LACA233a	5	2018	556	BARÍ 275, CAOBA 160, LAUREL 41, PATERNA 16, PINO 7, CACATE 7, PAJULTE 17, DURASNILLO 33	4X4	33	2.42	4	1	90	10
LACA208a	5	2018	290	BARÍ 206, CAOBA 45, PATERNA 3, WAYTE 22, DURASNILLO 2, PAJULTE 2, CEDRO 6, CEIBO 2, CANSCHAN 2	4X4	30	3	4.3	0.6	87	13
LACA203a	5	2018	277	BARÍ 166, DURASNILLO 12, CAOBA 42, CEIBO 5, CEDRO 8, RAMON 1, PAJULTE 32, CANSCHAN 2, CABEZA DE MICO 1, WAYTE 6, CEDRILLO 1, MANGO 1	3.72X3.89	15	2.72	4.5	1	86	14
LACA339a	5	2018	312	BARÍ 240, CEDRO 1, CABEZA DE MICO 1, CAOBA 20, MALA MUJER 1, CACATE 14, WAYTE 12, CANSCHAN 10, PUMAROSA 2, MANGO 6, PATERNA 3, LAUREL 2	4X4	0	3.38	5	1	90	10
RFRA001a	4	2018	138	GUACHIPILIN 51, MACULIS 64, CAOBA 4, GRANADILLO 4	3.38	0	3.57	15	1.02	100	0
RFRA001b	4	2018	129	CAOBA 49, GRANADILLO 7, LIMON 1, CEDRO 29, TARAY 3, NANCI 1, GUACHIPILIN 102, CHICHARO 16, MACULIS 20, CHINCULLA 1	3.18	0	4.14	7	0.6	100	0
RFRA001c	5	2018	183	GUACHIPILIN 78, MACULIS 79, GRANADILLO 17, CAOBA 74, MUJU 3, MACHETON 1, PAPAUSA 1, AGUACATE 1, HORMIGUILLO 2, TEPEGUAJE 1	3.85	0	3.39	8	0.81	100	0
RFRA023a	5	2018	73	BOJOM 9, NARANJA 1, CEDRO 15, GUAYABILLO 3, MACULIS 16, MATAWEY 2, MULATO 8, NANCHE 1, GUANACastle 2, CINCO NEGRITO 2, CAOBILLA 8, TARAY 2, GUACHIPILIN 1, LECHE MARIA 1, AGUACATE 2, LIMON 1	3.31	0	3.73	19	1.72	100	0
RFRA106a	5	2018	100	TARAY 4, CEDRO 89, MACULIS 2, LIMON 2, GUACHIPILIN 2, CINCO NEGRITO 1	3	0	5.95	8.75	0.95	100	0
RFRA007a	5	2018	126	CEDRO 17, MACULIS 52, GUACHIPILIN 28, PRIMAVERA 5, COPAL 2, OCOTE 7	4.44	0	1.81	4	0.3	100	0
RFRA062a	5	2018	206	CEDRO 60, LECHE MARIA 11, GUANASTLE 6, CAOBA 2, MACULIS 53, PINO 4, ENCINO 32, CHICHARO 1, IXCOTORO 1, HORMIGUILLO 8, NANCHE 11, GUAPINOL 1, GUACHIPILIN 12	3.4	0	4.44	7.5	0.59	100	0
RFRA052a	4	2018	114	CAOBA 9, FRESNO 38, HORMIGUILLO 17, POCHOTA 4, GUAPINOL 24, CEDRO 18, CHICHARO 2, GUACHIPILIN 2	3.03	0	2.02	4.15	0.69	62.5	37.5

RFRA055a	5	2018	145	CEDRO 51, NANCHE 3, ENCINO 3, HORMIGUILLO 17, MACULIS 45, GUACHIPILIN 12, PRIMAVERA 2, GUANACastle 1, CAOBA 8, GUAPINOL 3	3.31	0	4.26	8.5	0.3	100	0
RFRA055b	5	2018	135	CEDRO 18, GUAPINOL 1, MACULIS 28, PINO 25, CAOBA 8, HORMIGUILLO 17, GUACHIPILIN 20, MATARATON 3, GUANACastle 2, ENCINO 11	3.226	0	3.31	5.5	0.4	100	0
RFRA057a	5	2018	160	CAOBILLA 23, CEDRO 87, MUJU3, COCOITE 9, GUACHIPILIN 2, BOJOM 7, MACULIS 20, GUAPINOL 9	3.02	1	3.31	5.2	0.2	50	50
RFRA058b	5	2018	158	MATARATON 11, CEDRO 6, CASPIROLA 1, CAOBA 1, COSTA RICA 3, HORMIGUILLO 24, LECHE MARIA 5, MULATO 7, MACULIS 31, ENCINO 2, GUAPINOL 20, GUACHIPILIN 11, GUAYABO 1, GUANACastle 6, MUJU 14, NANCHE 1, CEIBA 3	3.4	0	4.03	6.7	0.2	100	0
RFRA058a	5	2018	122	GUACHIPIL 2, LECHE MARIA 3, ENCINO 16, CEDRO 14, GUANACastle 4, CHICHARO 2, HORMIGUILLO 8, MACULIS 45, CARNERO 2, CAOBA 5, MULATO 17, GUAYABO 1, NANCHE 6, MATARATON 1	3.61	0	3.87	5.2	2.1	100	0
RFRA103a	4	2018	166	CEDRO 84, GUAPINOL 12, HORMIGUILLO 21, GUACHIPILIN 1, CHICHARO 5, MACULIS 29, MANGO 1, LECHE MARIA 9, MUJU 4	3.04	0	1.66	3	0.2	77	23
RFRA104a	4	2018	213	ENCINO 17, GRANADILLO 1, GUACHIPILIN 12, GUANACastle 8, NANCHE 8, MACULIS 36, CHAPERLA 6, PINO 1, CEDRO 50, LECHEMARIA 1, MULATO 3, HORMIGUILLO 36, GUAPINOL 5, CAOBA 21, MUJU 6	3.21	0	3.41	4.5	0.7	100	0
RFRA105a	4	2018	76	MACULIS 31, CAOBA 4, CAULOTE 4, GUANACastle 3, HORMIGUILLO 5, PAPELILLO 9. GUACHIPILIN 8, NACHE 4, CEDRO 7, POCHOTA 1	2.92	0	1.17	4.0	0.3	100	0
RFRA052b	3	2018	579	CEDRO 388, HORMIGUILLO 44, MACULIS 124, MATARATON 23	3.91X 4.10	22	0.77	1	0.3	67	33
RFRA057c	3	2018	614	CEDRO 408, CAOBILLA 33, COCOITE 23, CASPIROL 1, MACULIS 136, BOJON 3, GUACHIPILIN 10	4X3.9 9	2	1.61	4.7	0.3	100	0
RFRA058c	3	2018	495	GUACHIPILIN 35, HORMIGUILLO 92, CEDRO 150, PATERNA 5, GUANACastle 3, MACULIS 88, CAOBA 10, MATARRATON 57, MATAGUEY 55	4.24X 4.27	0	4.61	6.8	0.4	100	0

<b>RFRA076a</b>	3	2018	592	CAOBA 363, MACHETON 53, AGUACATE 43, MACULIS 6, TARAY 85, NARANJA 22, CEDRO 4, POMA ROSA 16	3.9X4.02	37	1.89	3.2	0.9	55	45
<b>TOJ174b</b>	2	2018	317	CIPRES 80, PINO 64, ROBLE 96, CHIQUINIB 50	1.96	0	1.49	5	0.4	83	17
<b>TOJ161c</b>	2	2018	552	CIPRES 453, PINO 79	3.22X3.44	96	1.53	6	0.1	51	49
<b>TOJ165b</b>	2	2018	172	PINO 71, CIPRES 76, ENCINOS 13	2.44X2.39	18	1.09	5	0.05	64	36
<b>TOJ159c</b>	2	2018	175	CIPRES 32, PINOS 44, ENCINOS 72, CHIQUINIB 9, MADROÑO 3	1.24	10	0.75	3	0.07	100	0
<b>TOJ159d</b>	2	2018	213	CIPRES 70, PINO 15, ROBLE 70, CHIQUINIB 30, PAJULUL 15	1.24	0	1.82	5.4	0.05	100	0
<b>RISE108a</b>	5	2018	79	CEDRO 25, PINO 8, GUACHIPILIN 26, DURAZNILLO 2, GUANACastle 3 MACULIS 1, ROBLE 14	3.15	0	0.6	3	0.15	100	0
<b>RISE106a</b>	4	2018	226	GUACHIPILIN 98, DURAZNILLO 38, CEDRO 41, CHITE 7, OCOTE 3, ENCINO 27, CHALUM 1	2.87	0	1.46	5	0.2	100	0
<b>RISE106b</b>	5	2018	46	CEDRO 30, DURAZNILLO 12, ENCINO 4	96	0	1.1	0.7	3	100	0
<b>RISE153a</b>	5	2018	114	CEDRO 42, RABOLARGO 5, MACULIS 44, PAPAUSA 1, CAOBA 4, ANONA 16, NANCHE 2	3.21	0	3.57	8	1.6	100	0
<b>RISE336a</b>	3	2018	118	AGUACATILLO 4, OCOTE 16, MACULIS 69, GUACHIPILIN 1, CEDRO 26, HORMIGUILLO 2	2.9	0	1.1	4	0.15	55	45
<b>RISE314a</b>	5	2018	132	MANGO 5, OCOTE 9, GUANABANA 14, GUACHIPILIN 6, MACULIS 21, CAOBA 2, HORMIGUILLO 7, CASPIROLA 6, CEDRO 33, GUANACastle 19, AGUACATE 10	2.93	0	1.25	5	0.3	67	33
<b>RISE312a</b>	5	2018	123	GUACHIPILIN 67, CAOBA 2, PINO 23, MACULIS 28, NANCHE 1, CEDRO 2	3	6	0.58	1.34	0.1	80	20
<b>RISE315a</b>	5	2018	98	GUANACastle 21, CAOBA 12, GUACHIPILIN 30, MACULIS 7, CEDRO 27, COCOITE 1	2.42	0	1.24	2.54	0.12	72	28
<b>RISE267a</b>	5	2018	139	MACULIS 73, GUACHIPILIN 1, HORMIGUILLO 1, CEDRO 33, NANCHE 5, PAPAUSA 3, GUANACastle 2, PAPELILLO 20, PRIMAVERA 1	3.03	0	1.25	3.3	0.301	100	0
<b>RISE263a</b>	5	2018	191	HORMIGUILLO 22, PRIMAVERA 1, GUACHIPILIN 1, MANGO 2, CEDRO 26, MACULIS 123, CAOBA 2, GUANACastle 13	2.84	0	0.72	5	0.21	89	11

<b>RISE310a</b>	5	2018	84	CEDRO 8, OCOTE 26, ENCINO 6, NANCHE 10, MACULIS 19, MATARATON 3, CAOBA 22	2.58	4	0.62	4	0.2	72	28
<b>RISE266a</b>	5	2018	355	GUANACASTLE 35, GUACHIPILIN 131 GUAPINOL 14, MACULIS 46, CAULOTE 1, PAPAUSA 2, NANCHE 9, MATAWUEY 5, OCOTE 5, CEDRO 35, MULATO 2, CAOBA 62, ENCINOS 8	2.97	0	1.66	3	0.5	100	0
<b>RISE313a</b>	5	2018	272	CEDRO 110, GUANACASTLE 27, MACULIS 41, CAOBA 21, GUACHIPILIN 39, MATARATON 11, HORMIGUILLO 4, PINO 12, NANCHE 7	2.88	13	0.81	4	0.1 5	87	13
<b>RISE316a</b>	4	2018	381	COCOTE 184, PINO 6, COPAL 1, CEDRO 42, GUACHIPILIN 3, CAOBILLA 93, GUANABANA 1, GRANADILLO 3, MACULIS 43, NANCHE 4, PRIMAVERA 3	1.83	0	1.24 2	3.1	0.3 7	100	0
<b>RISE317a</b>	5	2018	127	CEDRO 21, GUANACASTLE 1, MULATO 3, PRIMAVERA 3, COCOTE 1, MAUCLIS 4, PAPAUSA 4, GUACHIPILIN 52, AGUACATILLO 1, PINO 3, MANGO 1, CAOBILLA 30, TARAY 3	2.81	14	0.82	2.1 4	0.2 8	91	9
<b>RISE271a</b>	5	2018	185	CEDRO 42, PINO 56, GUANACASTLE 5, GUACHIPILIN 39, NANCHE 8, COPAL 2, LIMON 1, BOJON 2, GUAPINOL 7, MACULIS 23	3.04	16	1.28	3.3 1	0.3 4	89	11
<b>RISE201a</b>	5	2018	217	GUACHIPILIN 36, CEDRO 41, MACULIS 65,. MANGO 2, AGUACATILLO 31, CAOBA 5, AGUACATE 2, GUANACASTLE 5, PINO 13	2.82	2	1.24	5	0.4	100	0
<b>RISE306a</b>	5	2018	123	MACULIS 79, GUANACASTLE 17, PRIMAVERA 8, OCOTE 16, NANCHE 1, GUACHIPILIN 29, CEDRO 23	3.3	0	1.34 5	3.1	0.2 9	80	20
<b>RISE192c</b>	5	2018	186		3.01	1	1.03	3.2 2	0.2 3	80	20
<b>RISE034a</b>	5	2018	333	PINO 63, MACULIS 77, GUACHIPILIN 106, CEDRO 44, NANCHE 16, COCOTE 9, GUANACASTLE 14, PATERNA 2, AGUACATILLO 1	2.99	15	0.98	6.1 8	0.2 7	72	28
<b>RISE034b</b>	5	2018	352	CAOBA 28, MACULIS 115, CEDRO 170, GUANACASTLE 17, PINO 4, GUACHIPILIN 7, GUAPINOL 3, NANCHI 3	2.94	0	1.23	4.1	0.1 1	88	12
<b>RISE032a</b>	6	2018	171	GUACHIPILIN 24, MATAWUEY 2, CHICHARO 1, CEDRO 43, AGUACATILLO 30, PINO 13, LIMON 1, MACULIS 39, GUANACASTLE 9, MANGO 2, NANCHE 6	2.91	2	0.94	3.2 4	0.3 6	88	12
<b>RISE032b</b>	6	2018	128	MACULIS 40, CEDRO 21, GUACHIPILIN 34, PINO 1, CHICHARO 11, AGUACATILLO 19, GUANACASTLE 1, AGUACATE 1	2.98	5	1.77	4.2 8	0.3 4	31	69

<b>RISE190a</b>	5	2018	134	CAOBILLA 41, CEDRO 25, MACULIS 19, AGUACATILLO 10, CHIRIMULLA 1, GUAPINOL 4, MATARATON 5, PRIMAVERA 2, GUAYABA 1 BOJON 6, GUANABANA 1	2.95	0	3.31	10	1.2 4	73	27
<b>RISE190b</b>	5	2018	161	MACULIS 24, GUANACastle 46, BOJON 5, CEDRO 12, PRIMAVERA 1, PINO 2, CAOBILLA 10, GUACHIPILIN 45, COCITE 4, GUAPINOL 12	3.02	0	2.13	5.8	0.6 5	87	13
<b>RISE202a</b>	5	2018	234	PINO 83, MACULIS 60, CEDRO 18, GUACHIPILIN 59, AGUACATILLO 2, DURAZNILLO 3, GUANACastle 7, CAOBA 2	2.95	6	0.37	3	0.1 5	87	13
<b>RISE202b</b>	5	2018	187	MACULIS 91, PINO 44, GUACHIPILIN 2, NANCHE 16, CEDRO 13, CAOBA 13, GUANACastle 3	2.96	4	0.7	2	0.2	100	0
<b>RISE202c</b>	5	2018	189	PINO 16, MACULIS 112, GUACHIPILIN 18, CEDRO 23, AGUACATILLO 14, DURAZNILLO 5, GUANACastle 1	2.93	0	1.88	3	0.2 5	84	16
<b>RISE203a</b>	5	2018	79	PINO 5, MACULIS 10, CEDRO 23, GUACHIPILIN 9, AGUACATILLO 16, MANGO 13, ANONA 3	2.6	7	0.88	3	0.1 5	100	0
<b>RISE203c</b>	5	2018	95	CEDRO 29, AGUACATILLO 27, GUACHIPILIN 19, PINO 2, GUANACastle 2, MANGO 6, ENCINO 7	2.54	2	0.68	2	0.1	78	22
<b>RISE305a</b>	5	2018	125	CEDRO 48, GUACHIPILIN 40, PINO 22, MACULIS 8	2.97	7	0.75	5	0.2	92	8
<b>RISE303b</b>	4	2018	359	GUACHIPILIN 102, GUANACastle 29, CEDRO 54, PINO 146, GUAPINOL 9, MANGO 7, MACULIS 9, CAOBA 3	2.88	6	0.87	4.5	0.1 5	100	0
<b>RISE188a</b>	5	2018	139	CEDRO 6, CAOBA 22, MACULIS 13, GUACHIPILIN 21, GUAPINOL 18, OCOTE 33, GUANACastle 17, MANCHETON 1, MANGO 1, NANCHE 3, MATARATON 4	2.91	13	1.9	5	0.2	100	0
<b>RFRA032a</b>	6	2018	81	GUACHIPILIN 13, TARAY 29, MATARATON 6, CEDRO 24, MACULIS 9	3.75	0	3.23	5	0.7	100	0

**Performance in plots under internal verification performed in 2017**

Plot ID	Num/Mo n	Year	Result	Species	DG (m)	DT	AH (m)	HT (m)	ST (m)	SR (%)	DR (%)
TUMB027a	5	2018	126	CEDRO 63, MACULIS 60, BOJON 3	9.4X8.2	0	6	8	3	100	0
TUMB005a	5	2018	52	CEDRO 21, MACULIS 23, BOJON 8	8.6X9.6	0	7.6	12	4	100	0
LACA060b	4	2018	502	BARÍ 173, CEDRILLO 39, CAOBA 96, WAYTE 33, LAUREL 23, DURASNILLO 26, PAJULTE 54, CANSCHAN 39, TZIT 19	3.93X3.93	56	0.91	3.1	0.7	88	12
RISE190c	5	2018	130	AGUACATILLO 48, GUACHIPILIN 46, CEDRO 11, BOJON 7, DURAZNILLO 3, GUAPINOL 3, MACULIS 3, CAOBILLA 5, PINO 1	3.05		3.86	7.98	0.5	75	25
RFRA113a	3	2018	607	MACULIS 364, CEDRO 195, TROMPITO 11, CAOBILLA 28, GUACHIPILIN 9	4.03X4.02	46	0.55	1.2	0.22	90	10
RFRA118a	3	2018	631	MACULIS 278, OCOTE 44, CEDRO 284, CAOBA 56	3.99X4.03	39	0.63	1.32	0.23	75	25
RFRA122a	3	2018	630	TARAY 60, MACULIS 263, CEDRO 267, MATAWUEY 15, CASPIROLA 10, PINO 15	4X3.98	20	0.5	1.35	0.21	76	24
TOJ184a	3	2018	486	PINO 82, CIPRES 384	3.25X3.12	151	0.78	1.86	0.25	79	21
TOJ186b	3	2018	127	CIPRES 122, PINO 5	3.25X3.57	14	0.87	1.42	0.34	100	0
MOBE003b	6	2018	302	CIPRES 301, LIQUIDAMBAR 1	2.15	1	13	14	4	76	24
LACA357b	3	2018	430	BARÍ 390, TZELEL 34, DUARASNILLO 3, PAJULTE 3	3.98X3.95	155	0.73	1	0.15	96	4

RFRA049a	5	2018	103	CEDRO 57, MACULIS 18, BOJON 5, COCOITE 2, GUACHIPILIN 10,POCHOTA 7, PRIMAVERA 4	3.09	0	4.86	8.5	2.1	100	0
LACA067b	3	2018	599	CORCHO NEGRO 3, BARÍ 280, CANSCHAN 41, CAOBA 224, PAJULTE 25, RAMON 5, CEDRILLO 9, CEDRO 2, CABEZA DE MICO 1, BAYO 5, CACATE 4	3X3	2	1.86	7	0.22	93	7
LACA185a	5	2018	509	CAOBA 238, BARÍ 86, CHANTE 18, PAJULTE 83, CEDRO 52, RAMON 21, ZAPOTE 7, MANGO 2, PALO MULATO 2	4X4	50	3.72	6	1.3	92	8
LACA080b	5	2018	484	CANSCHAN 142, GUAYTE 56, CAIMITO 10, PAJULTE 30, DURASNILLO 20, CAOBA 27, PIMIENTILLO 8, RAMON 15, BARÍ 98, CEDRILLO 40, CACATE 38	3.88X3.85	15	1.97	5	0.9	100	0
LACA214a	5	2018	419	TZAJALTE 123, LAUREL 75, CAOBA 64, WAYTE 11, CEIBO 2, GUANACASTLE 2, CACATE 60, BARÍ 46, ROBLE 18, RAMON 12, MANGO 6	3.92X3.96	0	3.84	5.5	1.5	100	0
LACA218a	5	2018	545	CANSCHAN 46, PAJULTE 105, CAOBA 236, CEDRO 3, ROBLE 6, MANGO 17, PINO 1, RAMON 4, DURASNILLO 9, WAYTE 3, BARÍ 115	3.94X3.99	0	2.82	4.2	0.8	100	0
LACA182a	5	2018	421	BARÍ 160, CAOBA 120, GUAYTE 5, LAUREL 7, DURASNILLO 60, PAJULTE 11, RAMON 8, CEDRO 2, GUACHIPILIN 7, CANSCHAN 10, PIMIENTILLO 2, PINO 34	4X4	70	3.71	7	0.7	100	0

LACA235a	5	2018	430	CAOBA 66, BARÍ 255, BAYO 22, CEDRILLO 1, CACATE 47, RAMON 1, PAJULTE 6, CANSCHAN 32	4X3.5	20	3	6	0.25	96	4
LACA333a	5	2018	638	BARÍ 440, PATERNA 10, AGUACATE 3, PINO 3, CAOBA 55, GUAYTE 50, PAJULTE 10, CANSCHAN 44, DURASNILLO 5, RAMON 10, CACATE 4, PUMAROSA 4	4X4.08	0	2.4	4	0.8	100	0
LACA339a	5	2018	236	BARÍ 191, MACULIS 6, CAOBA 12, GUAYTE 4, CEDRO 2, CANSCHAN 12, RAMON 1, MANGO 3, CACATE 5	4X4	0	3	7	0.3	100	0
RFRA055a	5	2018	151	ENCINO 6, MACULIS 42, CEDRO 54, CAOBA 9, NANCHE 3, HORMIGUILLO 23, PRIMAVERA 4, GUANACastle 2, GUACHIPILIN 8	3.13	0	5.19	9.6	0.25	74	26
RFRA058c	3	2018	476	HORMIGUILLO 102, LUMBRICERO 13, MATAHUEY 68, CEDRO 57, AGUACATILLO 4, CAULOTE 59, CAOBA 42, GUANACastle 7, PATERNA 11, GUACHIPILIN 58, MACULIS 52	3.98X3.77	0	4.26	11	0.8	83	17
TOJ165b	2	2018	90	PINO 56, CIPRES 19, ENCINO 15	2.44 X 2.39	11	0.46	3.5	0.05	100	0
RISE314a	5	2018	150	MACULIS 26, CEDRO 30, GUACHIPILIN 35, GUAPINOL 7, GUANACastle 3, LIMON 1, PINO 48	2.82	0	2.25	4.12	0.81	75	25
RISE317a	5	2018	93	GUACHIPILIN 35, CAOBILLA 39, BOJON 1, PINO 3, GUANACastle 1, CEDRO 8, PRIMAVERA 3, MACULIS 1	3.13	0	1.88	6.13	0.45	51	26
RISE201a	5	2018	195	GUACHIPILIN 28, MACULIS 76, CEDRO 34, GUANACastle 5, AGUACATILLO 40, PINO 7, CAOBA 5	2.91	0	3.21	7.43	0.58	75	25

## Annex 5. Report of sales made during the life of the project

Sales year	Vintage	Buyer	Total sold in CO <sub>2</sub>
2000	N/A	Future Forest (TCNC)	3,937
2001	N/A	Future Forest (TCNC)	1,835
2002	N/A	Future Forest (TCNC)	9,175
2002	N/A	Future Forest (TCNC)	7,340
1997	2002	FIA Foundation	20,185
1998	2002	FIA Foundation	20,185
1999	2002	FIA Foundation	20,185
2000	2002	FIA Foundation	20,185
2001	2002	FIA Foundation	20,185
2001	2002	FIA Foundation	12,099
2002	2002	FIA Foundation	20,185
2002	2002	Rexam	30
2002	2002	FIA Foundation	12,100
<b>Total up to 2002</b>			<b>167,626</b>
2003	2003	DFID-FRP	20
2003	2003	World Bank	4,455
2003	2003	FIA Foundation	32,284
<b>Total 2003</b>			<b>36,759</b>

2004	2004	Future Forest	7,000
2004	2004	DFID-FRP	175
2004	2004	World Bank	4,455
2004	2004	FIA Foundation	32,251
<b>Total 2004</b>			<b>43,881</b>
2005	2005	One world International	4
2005	2005	FIA Foundation	32,251
2005	2005	World Bank	4,455
2005	2005	Civil Society systems	21
2005	2005	Passion Organic	21
<b>Total 2005</b>			<b>36,752</b>
2006	2006	TCNC 2006a (Inv in GBP)	20,000
2006	2006	TCNC 2006b (Inv in GBP)	20,000
2006	2006	FIA Foundation	34,540
2006	2006	U&WE	2,569
2006	2006	Peak Leader UK Ltd	52
2006	2006	University of Aberdeen	20
2006	2006	U&WE	19
2006	2006	Peter Noorlander	5
2006	2006	Gillian Donald	4
<b>Total 2006</b>			<b>77,209</b>
2007	2007	Daniel Morell Ltd	550
2007	2007	Peter Wright	35
2007	2007	Expressohead coffee	30
2007	2007	U&WE	19,214
<b>Total 2007</b>			<b>19,829</b>

2008	2008	FIA Foundation	184
2008	2008	The Association for Tropical Biology and Conservation	201
2008	2008	FIA Foundation	4,900
2008	2008	It's the Planet	600
2008	2008	Reforestamos Mexico	1,000
2008	2008	U&WE	9,759
2008	2008	U&WE	3,940
2008	2008	Enviromarket	20
2008	2008	Camco International	10,000
2008	2008	Camco International	10,000
<b>Total 2008</b>			<b>40,604</b>
2009	2009	TSD Division of the CSTM/ University of Twente	15
2009	2009	PEMEX	40
2009	2009	EmilCeramica	125
2009	2009	PIQCO	50
2009	2009	U&WE	1,500
2009	2009	U&WE	1,886
2009	2009	FIA Foundation	200
2009	2009	Antonio Canto	3
2009	2009	CO 2 focus	2,200
2009	2009	Save the Planet	50
<b>Total 2009</b>			<b>6,069</b>
2010	2010	U&WE	3,002
2010	2010	Reforestamos Mexico	1,000
2010	2010	Reforestamos Mexico	650
2010	2010	Pemex	40

2010	2010	U&WE	1,000
2010	2010	Save the Planet	100
2010	2010	Save the Planet	500
2010	2010	Save the planet	387
2010	2010	HSBC	1,500
2010	2010	Proactive strategy	10
2010	2010	PEMEX	40
2010	2010	FMCN	128
2010	2010	FUNCITREE NINA	80
2010	2010	ADVENTURE TRAVEL WORLD SUMMIT	206
2010	2010	Blue Green	839
2010	2010	POLICYMIX-NINA2	190
2010	2010	Source Sustainable Supply Chain Ltd	1
2010	2010	Presidencia de la República	2,227
2010	2010	U&WE	1,000
2010	2010	U&WE	1,099
2010	2010	U&WE	8,067
2010	2010	Presidencia de la Republica	2,103
2010	2010	PRONATURA	1,010
2010	2010	PRONATURA	600
2010	2010	U&WE	989
2010	2010	U&WE	261
2010	2010	U&WE	310
2010	2010	Source Sustainable Supply Chain Ltd	15
2010	2010	Clevel	200
2010	2010	Expo Transporte ANPACT 2013	995

2010	2010	CLevel	200
2010	2010	Richard and Celia Walker	140
<b>Total 2010</b>			<b>28,889</b>
2011	2011	Save the Planet	150
2011	2011	U&WE	1,000
2011	2011	FMNC	230
<b>Total 2011</b>			<b>1,380</b>
2012	2012	Green My Room	4,000
2012	2012	PEMEX	40
2012	2012	U&WE	800
2012	2012	Arneses Electrónicos (PRONATURA)	38
2012	2012	CeroCO2 (ECODES)	3,500
2012	2012	Arneses Electrónicos (PRONATURA)	13
2012	2012	Fundación Produce Puebla	120
2012	2012	PEMEX	55
2012	2012	Rabobank	350
2012	2012	Santiago Enríquez	10
2012	2012	Clima y Eficiencia	3
2012	2012	Clima y Eficiencia	1
2012	2012	Red MOCAF A. C.	15
2012	2012	Fundación Produce Tabasco	70
<b>Total 2012</b>			<b>9,015</b>
2005	2013	LLOYD	76
2005	2013	Toby & Meg Wedding	25
2013	2013	Programa de Liderazgo del Sistema Arrecife Mesoamericano (SUSTENTA)	9
2013	2013	U&WE	750

2013	2013	Programa de Liderazgo del Sistema Arrecife Mesoamericano (SUSTENTA)	31
2013	2013	Clima y Eficiencia	4
2013	2013	Foro de Turismo, Sostenibilidad y Cambio Climático en Centro América (SUSTENTA)	20
2013	2013	Clima y Eficiencia	5
2013	2013	PEMEX	40
2013	2013	Clima y Eficiencia	20
2013	2013	Mundo Sustentable A.C.	20
2013	2013	U&WE	1,600
2013	2013	Promotora Ambiental, S.A.B. de C.V.	238
2013	2013	Clima y Eficiencia	4
2013	2013	Expo Transporte ANPACT 2013.	720
2013	2013	FunciTree Nina	60
2013	2013	U&WE	1,727
2013	2013	U&WE	1,501
2013	2013	Clima y Eficiencia	20
2013	2013	Rabobank	352
2013	2013	Empresas del Comité Organizador del Foro de Sustentabilidad 2013	72
2013	2013	Pronatura	1,510
2013	2013	U&WE (Absolut Vodka)	1,328
2013	2013	U&WE	820
2013	2013	Lourdes Adriana López Moreno (Acción Navideña)	4
2013	2013	María Isabel Ortiz Mantilla (Acción Navideña)	4
2013	2013	Raymundo Tamayo (Acción Navideña)	4
2013	2013	Ana Lorena Gudiño Valdez (Acción Navideña)	4
2013	2013	Tomás Enriquez Palancares (Acción Navideña)	4
2013	2013	Natalia Enriquez Palancares (Acción Navideña)	4

2013	2013	Ben Twist	29
2013	2013	Ana Sofía Navarro Aceves	5
2013	2013	Arturo Balderas Torres	30
Sales (PVCs, vintage 2013)		<b>11,040</b>	
Total Sales (PVCs, all vintages)		<b>479,053</b>	
2014	2014	Green my Room	50
2014	2014	U&WE (A)	840
2014	2014	ECODES	2,000
2014	2014	NINA Policymix	285
2014	2014	IUCN	5,070
2014	2014	U&WE (B)	500
2014	2014	U&WE ( C)	620
2014	2014	U&WE (D)	800
2014	2014	U&WE ( E)	510
2014	2014	ABC Aerolíneas S.A. de C.V. (1)	308
2014	2014	Climate Stewards	1,500
2014	2014	ABC Aerolíneas S.A. de C.V. (2)	270
2014	2014	Counter Culture Coffee	1,341
2014	2014	CLevel	400
2014	2014	ABC Aerolíneas S.A. de C.V. (3)	388
2014	2014	Green Momentum	13
2014	2014	MMS	7
2014	2014	Clima y Eficiencia (A)	10
2014	2014	Clima y Eficiencia (B)	23
2014	2014	Natalia Enriquez Palancares	5
2014	2014	Tomás Enriquez Palancares	5

2014	2014	Clima y Eficiencia (C)	10
2014	2014	Clima y Eficiencia (D)	4
2014	2014	Explora, ecoturismo y aventura S.A de C.V.	16
2014	2014	Ben Twist	15
2014	2014	CLevel	501
<b>Sales (PVCs, vintage 2014)</b>			<b>15,491</b>
<b>Total Sales (PVCs, all vintages)</b>			<b>494,544</b>
2015	2015	Green my Room	120
2015	2015	U&We - Absolut Vodka (A )	1,501
2015	2015	U&We (A)	648
2015	2015	FEMEXFUT	102
2015	2015	Huella Azul	540
2015	2015	U&We (B)	1,100
2015	2015	U&We ( C)	500
2015	2015	Green my Room	275
2015	2015	Sustentur	20
2015	2015	Presidencia	1,647
2015	2015	U&WE 2014 (F)	1,501
2015	2015	U&We (D)	1,698
<b>Sales (PVCs, vintage 2015)</b>			<b>9,652</b>
<b>Total Sales (PVCs all vintages)</b>			<b>504,196</b>
2016	2016	Absolut Vodka	2559
2016	2016	Climate Stewards	3183
2016	2016	ZeroMission	2246
2016	2016	Vicente Ferreyra Acosta	2
2016	2016	Vicente Ferreyra Acosta	20
2016	2016	FAM Trip Carbono Neutral	5

2016	2016	Interjet	540
2016	2016	FIL Guadalajara	178
2016	2016	Interjet	540
2016	2016	Grupo Ferrer Internacional	2
2016	2016	Corporación Hotelera Hispano Mexicana	30
2016	2016	Distrito Global	150
2016	2016	Camilo Arias Martelo	1
2016	2016	Benjamin Twist	20
2016	2016	Interjet	540
2016	2016	GreenMomentum	15
2016	2016	Estafeta	1132
2016	2016	Volvo Trucks	12
2016	2016	Interjet	48
2016	2016	CONAFOR	35
2016	2016	SENER	9
2016	2016	Interjet	88
2016	2016	Oikocredit Ecumenical Development Co-operative Society UA	120
2016	2016	Plataforma Mexicana de Carbono S de RL de CV	145
2016	2016	Plataforma Mexicana de Carbono S de RL de CV	5
2016	2016	Plataforma Mexicana de Carbono S de RL de CV	2
2016	2016	Plataforma Mexicana de Carbono S de RL de CV	1
2016	2016	Green My Room	300
2016	2016	Impact 0	6
2016	2016	ZeroMission	1501
2016	2016	CLevel	200
2016	2016	AMBIO	800
		Sales (PVCs, vintage 2016)	14,435

		Ventas totales (PVCs, todos los vintages)	518,631
2017	2017	Green my room	300
2017	2017	Secretaría de Energía	6
2017	2017	Plasgaard Industri México, S. de R.L. de C.V.	145
2017	2017	ABC Aerolíneas S.A. de C.V. (Interjet)	185
2017	2017	FIL Guadalajara,	10
2017	2017	FIL Niños	113
2017	2017	Pabellón Infinitum	1
2017	2017	Zeromission	1501
2017	2017	Tianguis Turístico de México Acapulco 2017 First emision	1863
2017	2017	Zeromission	2715
2017	2017	Sustainable and Social Tourism Summit	70
2017	2017	ABC Aerolíneas S.A. de C.V. (Interjet)	321
2017	2017	Secretaría de Energía	2
2017	2017	Festival Bravo	51
2017	2017	Zeromission	850
2017	2017	Paraíso BB México S. de R.L. de C.V.	1310
2017	2017	Secretaría de Energía	1
2017	2017	ABC Aerolíneas S.A. de C.V. (Interjet)	386
2017	2017	Zeromission	3461
2017	2017	Community Tours	42
		Sian Kaan	
2017	2017	Secretaría de Energía	1
2017	2017	Climate Partner	2000
2017	2017	Vehículos Líquidos Financieros, S.A.P.I. de C.V. SOFOM ENR	16
2017	2017	Counter Culture Coffee	1063
2017	2017	MARTierra an Hábitas Rise Earth Preservation	8

2017	2017	Climate Stewards	1501
2017	2017	Festival Comunité	40
		Sales (PVCs, vintage 2017)	17,962
		Total Sales (PVCs, all vintages)	536,593
2018	2018	Haper Compañía S. de R.L. de C.V.	839
2018	2018	International American School of Cancun A.C.	2
2018	2018	Zeromission	5000
2018	2018	Los asistentes del Sustainable & Social Tourism Summit	130
2018	2018	Mar y Tierra- Hábitas	20
2018	2018	Art With Me-Hábitas	20
2018	2018	M. en C. Olmo Torres-Talamante	9
2018	2018	Zeromission	1000
2018	2018	FIL Guadalajara	112
2018	2018	BCO Tucancun S de RL de CV (Hotel Occidental Tucancun)	6
2018	2018	BCO Kukulcan S de RL de CV (Occidental Costa Cancún)	20
2018	2018	Héctor Reyes Flores	8
2018	2018	Sustentur	10
2018	2018	Randi Shawn Stellar	317
2018	2018	Ben Twist	19
2018	2018	Carnaval de Bahidorá (Distrito Global )	80
2018	2018	Zeromission	2,600
2018	2018	Leobardo Palacios Antonio	399
2018	2018	Zeromission	1000
2018	2018	The Oceanic Global Foundation & Hábitas	20
2018	2018	Thayer los Cabos Arrendador, S De RL de CV	1298
2018	2018	Procuraduría Federal de Protección al Ambiente	101

2018	2018	Unión de Crédito Concreces SA De CV	59
2018	2018	Tianguis Tutístico de México Acapulco 2017(segunda emisión)	669
		Sales (PVCs, vintage 2018)	13,738
		Ventas totales (PVCs, todos los vintage)	550,331