



RSPO

NEW PLANTING PROCEDURES (NPP).

**COMPANY:
CORPORACIÓN AGROINDUSTRIAL DEL CARIBE, S.A.**

PLANNING AND MANAGEMENT SYNTHESIS

PREPARED BY:



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1. Executive Summary

Corporación Agroindustrial del Caribe, S. A. (known as Agrocaribe), is a family business founded in 1997 by Fernando Bolaños. The company hires more than 2000 people and develops programs of Corporate Social Responsibility in communities adjacent to its operations and is a pioneer in having a project of Clean Development Mechanism (CDM) approved by the United Nations. In addition, it is the first company of palm oil worldwide certified with the regulations of the Sustainable Agriculture Network under the Rainforest Alliance Certified seal.

This company is dedicated to plant, harvest, and produce palm oil. Works with high quality standards, and is committed to improve the welfare of their partners and the communities adjacent to its operations.

In recent years, Agrocaribe, has expanded its plantations and included the planting of 3 new farms with a total of 691ha. These new farms are the reason of this study.

The Environmental Management Plan (PGA) is structured based on each of the activities that create impact. Each one of these is assigned one or more environmental protection standards, which compliance will be monitored and controlled through the different stages that are part of the project, by those environmentally responsible, environmental authorities and communities in general.

The purpose of the PGA is to establish an adequate and reasonable balance between the activities of each phase and the environmental and social sustainability conditions.

Therefore, it is possible to have an instrument of control, in order to follow up and implement the protection, control and/or compensation measures raised. This is the responsibility of the different external stakeholders, such as the relevant state institutions, the local community and environmental officers, and of course, those from Corporación Agroindustrial del Caribe, S.A.

The fulfillment of the purpose and objectives will contribute not only to ensure that the particular actions are carried out, but to improve social and environmental conditions of the survey area to prevent and/or mitigate the negative impacts, or compensate those that are unavoidable and maximize the positive ones.

2. Reference Documents

2.1 SEIA and HCV areas' evaluation reports

High Conservation Value Areas Assessment. New Planting Procedure

Marisol Zumbado Bustillos

Team leader accredited by the RSPO

Biologist with emphasis on ecology and sustainable development
Master in Auditing and Environmental Management with a specialization in
Management and Conservation of Natural Resources

College of biologists: 1416

SETENA Consultant: CI-091-2007 (before) / CI-144-2012 (current)

Darién Zúñiga Leitón

Biologist with emphasis on ecology and sustainable development
Master in Auditing and Environmental Management with a specialty in integrated
water management and remediation of contaminated soil.

College of biologists: 1519

SETENA Consultant: CI-091-2007 (before) / CI-144-2012 (current)

Environmental Diagnosis

Company: Ambiente y Desarrollo Consultores S.A.

Rapid Ecological Assessment (REA)

Company: Ambiente y Desarrollo Consultores S.A.

Social Impact Study

GuateAmala-Fundación Proyecto de Vida

Soil study

Carlos Alberto Chavez Garzon
Agricultural engineer

Land use historical analysis (aerial photos and satellite images)

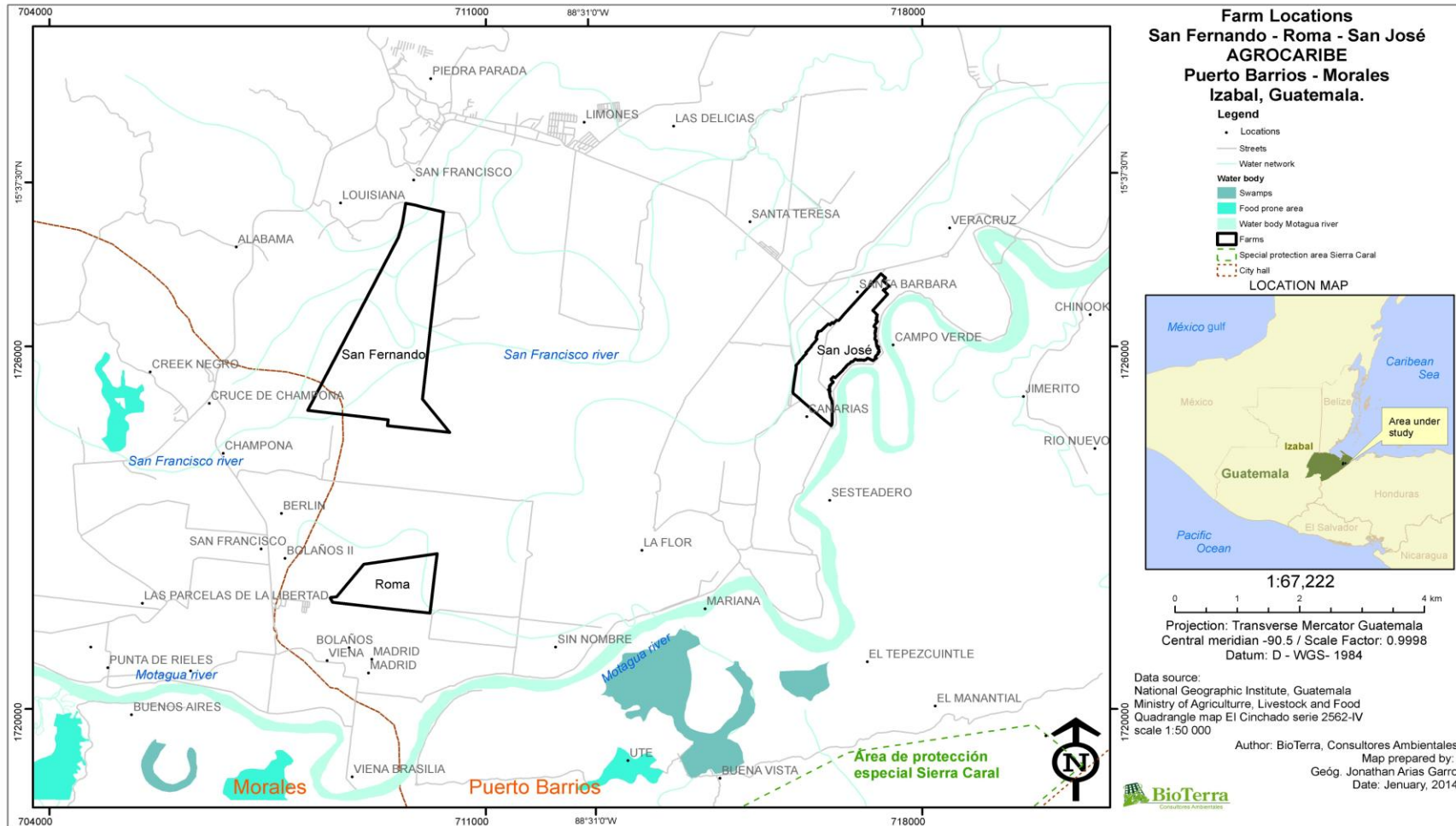
Geotecnología de Centro América S.A.

2.2 List of the legal documents and permits related to the areas evaluated

Currently, these plantations under study have been granted Environmental Viability by the Environmental and Natural Resources Management General Office of the Ministry of the Environment and Natural Resources. This Viability was granted by Resolution 147-2014/DIGARN/LTCT/Arg on January 10, 2014. The assigned file is No. : D-153-12.

Also, simultaneously, the certification for these new plantations of African oil palm is in process at the African Round Table on Sustainable Palm Oil RSPO. This is why this report is being issued.

Location map - both at the landscape and property level



2.3 New plantation area and new plantation chronogram

Below is a table with the detail of the new plantations:

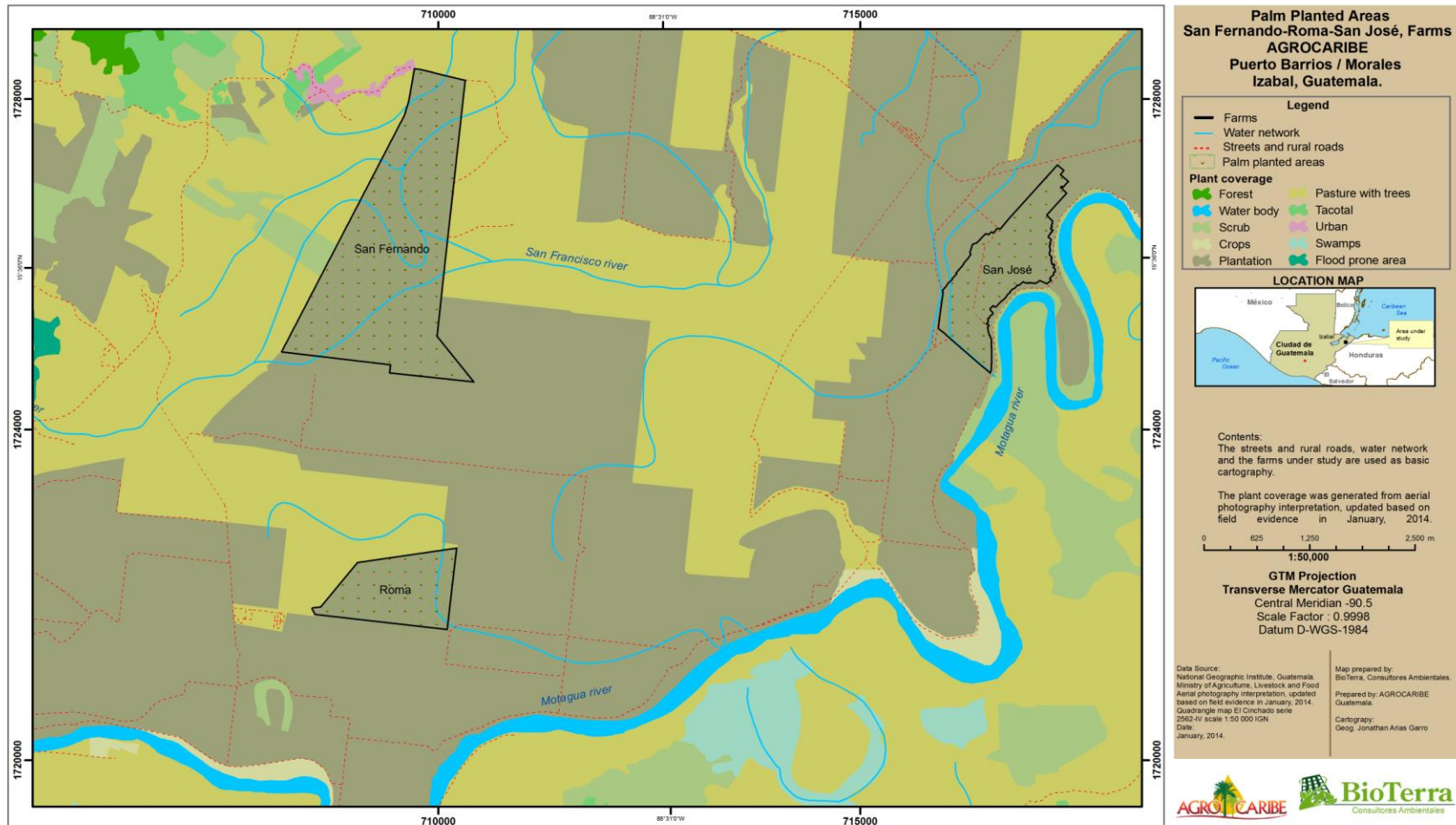
Farm areas versus planted areas

Farm	Farm area	Area to be planted
Roma	118.41	111.13
San Fernando	427.33	417.46
San Jose	145.58	138.24
Total	691.32	666.83

Before being used for the cultivation of oil palm, the farms under study, San Fernando and Roma were being used for cattle, , and San Jose for the cultivation of plantain.

Below is a map which clearly indicates the newly planted areas:

Map of areas of the new plantations, vs. land use coverage in the area of influence



The following table shows the production schedule proposed:

Productivity per farm (ton/ha / year of production)

Year of production	Roma	San Fernando	San Jose
2011			
2012			
2013	6,5		
2014	18,6	4,8	4,4
2015	26,0	15,0	14,0
2016	30,0	21,0	19,0
2017	31,0	28,0	26,0
2018	32,0	31,0	30,0
2019	32,0	33,0	31,0
2020	32,0	33,0	32,0
2021	31,0	34,0	32,0
2022	31,0	32,0	32,0
2023	31,0	32,0	31,0
2024	30,0	32,0	31,0
2025	30,0	31,0	31,0
2026	30,0	31,0	31,0
2027	30,0	30,0	30,0
2028	29,0	30,0	30,0
2029	28,0	30,0	30,0
2030	28,0	30,0	30,0
2031	26,0	30,0	30,0
2032	26,0	29,0	29,0
2033	24,0	29,0	29,0
2034	24,0	27,0	27,0
2035	22,0	27,0	27,0
2036	22,0	25,0	25,0
2037	20,0	25,0	25,0
2038		23,0	23,0

3. SEIA and HCV areas' management and staff to implement it

3.1 Information of the organization and contact people

Name of the company	Corporación Agroindustrial del Caribe S.A.
Tax Identification Number (NIT)	1251686-4
Legal Representative	Jose Roberto Montenegro Baide
Identity document	C999706
Telephone	5696-8773
Fax	2207-3000
Email	jmontenegro@agroamerica.com
Company's Environmental Manager	Pedro Roberto Cerrate Morales
Identity document	1820 06298 0920
Telephone	5951-8644
Fax	2207-3000
Email	pcerrate@agrocaribe.com

3.2 Personnel involved in planning and implementation

The personnel responsible for the planning and implementation of the proposed Management Plans are shown below in hierarchical order:

➤ Company's Executive Management.

- General Manager
- Production Manager
- Certifications Manager
- Certifications Assistant
- Agriculture District Managers
- Employees

The environmentally responsible persons are also involved in this case, who will be appointed by Corporación Agroindustrial del Caribe, S.A., who will make sure the Company effectively meets the environmental commitments acquired before the state for Project's implementation.

Finally, the institutions aware of this subject and responsible to supervise that Corporación Agroindustrial del Caribe, S.A. acts according to the applicable laws in environmental, labor, and social matter should be considered. Among them we found:

- Municipality
- Ministry of the Environment and Natural Resources (MARN)
- Ministry of Health
- Ministry of Labor
- Ministry of Agriculture, Livestock and Food

3.3 Community leaders involved

No.	Name	Community / Institution
1	Arcadio Godoy Gomez	Punta de Rieles
2	Nicomedes Godoy Gómez	Punta de Rieles
3	Leslie Osorio	Punta de Rieles
4	Jose Ignacio Godoy	Punta de Rieles
5	Cristóbal Corado y Corado	Campamento Tenedores
6	Nora Milán	Campamento Tenedores
7	Yaneth Mendez	Campamento Tenedores
8	Martha Julia Salguero	Campamento Tenedores
9	Luis Alfonso Pacheco Oliva	Tenedores Estación
10	Mardoquedo Fajardo	Tenedores Estación
11	Vinicio Franco	Cayuga
12	Elder Espino	Cayuga
13	Amed Rossil	Cayuga
14	Marlon Carcache	Cayuga
15	Aroldo Franco Gomez	Cayuga
16	Nohelia Sandoval	Champona Línea
17	Catalina Corado	Champona Línea
18	Alberto Duarte	Champona Línea
19	Sergio Salguero	Champona Línea
20	Ma Luisa Acevedo	Champona Línea
21	Tomás de Jesús	Champona Línea
22	Jose Luis Padilla	Champona Línea
23	Arturo Esquivel	Champona Línea
24	Teresa Ramírez	Sinaí
25	Juan Portillo	Sinaí
26	Sonia Iboy	Sinaí
27	Manuel de Jesús Iboy Jacome	Sinaí
28	Sandra Morales	Sinaí
29	Yandi Sarmientos	El Quetzalito
30	Mildred Velásquez	El Quetzalito

No.	Name	Community / Institution
31	Nohé Ortega	El Quetzalito
32	Eli Choc	Champona Inta
33	Eloid Godinez	Champona Inta
34	Mercedes Estrada Vasquez	Champona Inta
35	Mayra Patricia Martinez	Champona Inta
36	María Alejandra Sarceño	Champona Inta
37	Auri	Champona Inta
38	Matilde Heinz	Champona Inta
39	Milagro Castro	Champona Inta
40	Natalia Dubón	El Cinchado
41	Elvia Morales	El Cinchado
42	Bertilía Hernandez	El Cinchado
43	Amalia Escobar	El Cinchado
44	Edgar René Gómez	El Cinchado
45	Maura Escobar	El Cinchado
46	Angela Dubón	El Cinchado
47	Carolina Rosales	El Cinchado
48	Dalila Rosales	El Cinchado
49	Felicita Gómez	El Cinchado
50	Esteban Dubón	El Cinchado
51	Emilia Sosa	Río Nuevo
52	Carlos Peña	Río Nuevo
53	Julio Chavez	Veracruz
54	Irene López	Veracruz
55	Cristina Cayetano	Veracruz
56	Iris Cruz Córdón	Entre Ríos
57	Hector Augusto Miguel	Entre Ríos
58	Benjamín Morales Godoy	Entre Ríos
59	Carlos Córdón	Entre Ríos
60	Miriam Fuentes	Entre Ríos / Barrio El Beneficio
61	Walkiria Tóbar	Entre Ríos /Barrio Las Flores
62	Yamilet Casanova	Milla 10
63	Edilberto	Milla 10
64	Yadira Lemus	Milla 10
65	Vilma Pérez	Milla 10
66	Miriam Molina	Milla 10
67	Marta Lima	Milla 10
68	Blanca Orellana	Milla 10
69	Sara Torres	Manacas
70	Ma. Angeles Orellana	Manacas

No.	Name	Community / Institution
71	Carmen Romero Juarez	Manacas
72	Mario Matias	Manacas
73	Vicente Vásquez	Piteros
74	Jose Antonio Mayen	Piteros
75	Giovanni Barrientos	Piteros
76	María Alejandra Casasola	Piteros
77	Leydi Coronado	Piteros
78	Milyn Esteban	Piteros
79	Mildred García	Piteros
80	Bertina Barillas	Piteros
81	Odilio Rosales	Río Negro
82	Fredy Sagastume	Rio Negro
83	Mynor Cantoral	Rio Negro
84	Santiago Martínez	Rio Negro
85	Rolando Barillas	Rio Negro
86	Nelson Guzman	Rio Negro
87	Willy Dávila	Rio Negro
88	Guillermo González	Río Negro
89	Ismael Pineda	Río Negro
90	Jorge Salguero Valdez	Quineles
91	Heydi Gonzalez	San Francisco Vuelta Grande
92	Abraham Robles Vela	San Francisco Vuelta Grande
93	Marta Julia de Duarte	San Francisco Vuelta Grande
94	Gabriel Jacome	La Laguna
95	Jose Antonio Arias	La Laguna
96	Angélica Acosta	La Laguna
97	Nohemí Torres	La Laguna
98	Juan Rosales	Suiche 3
99	Lorenzo Choj	Suiche 3
100	Nohé Torres	Suiche 3
101	Humberto Varela	Las Vegas
102	Abraham Poyes	Las Vegas
103	Jaime López	Las Vegas
104	David López	Las Vegas
105	Romelio Ruiz	Las Vegas
106	Maria Isabel Monroy	Las Vegas
107	Neftali Menéndez	Media Luna
108	Yessica Vásquez	Media Luna
109	Edvin Cordón	Media Luna
110	Elida Morales	Media Luna

No.	Name	Community / Institution
111	Juan Nájera	Mojanales
112	Antonio Salguero	Jimeritos
113	Gilberto Salvatierra	Jimeritos
114	José Antonio García Díaz	Jimeritos
115	Carlos Ramos	Jimeritos
116	Félix Aguirre	Jimeritos
117	Inés Ramos Sanchez	Jimeritos
118	Iris Pérez	Jimeritos
119	Tito Odonel	Jimeritos
120	Ofilio López	El Cacao
121	William Lemus	El Cacao
122	Jose Luis Monje	El Cacao
123	Pedro Donado	El Cacao
124	Ana España	La Ceibita
125	Gustavo Arita	El Remolino
126	Dimas Arita	El Remolino
127	Manuel Guevara	Buena Vista
128	Cristóbal Nájera	Buena Vista
129	Raimundo Roque	Buena Vista
130	Adelino Gregorio	Buena Vista
131	Domingo Guerra	Quebrada Grande
132	Carlota Sandoval	Quebrada Grande
133	Carlos Enrique Herrera Leiba	Quebrada Grande
134	Wilmar Herrera	Quebrada Grande
135	Brenda Fernández	Navajoa
136	Gustavo Reyes	Navajoa
137	Yolanda Hernández	La Pimienta
138	Rosario Mayen	La Pimienta
139	Aida Iboy	La Pimienta
140	Gloria Elisa Ramirez	La Pimienta
141	Romulo Rojas	Placa 1
142	Hector Duarte	Placa 1
143	Angel Francisco Guzmán	Placa 1
144	Leonel Mendez	Placa 1
145	Quintín Calderón	Las Ánimas
146	Julio Sagastume	Cerritos
147	Jeremias Rodríguez	Cerritos
148	Elías Umaña	Cerritos
149	Joel Martínez	Cerritos
150	Angelica Guadalupe	San Francisco

No.	Name	Community / Institution
151	Vivian Sazo	San Francisco
152	Luis Suchiny	Municipality of Morales
153	Francisco Cappa	Municipality of Morales
154	Eduardo Aguilar	Municipality of Morales
155	Abel Madrid	Municipality of Morales
156	José Antonio López	Municipality of Puerto Barrios
157	Oscar Cervantes	Municipality of Puerto Barrios
158	Raúl Estrada	Governor's Office
159	Sonia Palencia	Governor's Office
160	Erick Hernández	CONRED
161	Blendi Martínez	Ministry of Health
162	Janeth Conde	Ministry of Health
163	Magdalena de Martínez	Ministry of Health
164	Franz Dahinten	Ministry of Health
165	Carlos Rodas	MARN
166	Coronel Santos	Military Reserves
167	Cesar Gomez Perez	Military Reserves
168	Jose Luis Lopez Fernandez	Military Reserves
169	Edgar Monzón	INAB
170	Alvaro Boche	MAGA
171	Jazmin Valdez	MAGA
172	Nelson Catu	MAGA
173	Miriam Espinoza	MAGA
174	Claudia López	MAGA
175	Gilma Sanchez	MAGA
176	Sergio Salguero	MAGA
177	Luis Castañeda	MAGA
178	Mario Marroquín	CONAP –FUNDAECO
179	Justo Rufino Marroquín	CONAP –FUNDAECO
180	Juan José Orellana	CONAP –FUNDAECO
181	Hendry	CONAP
182	Luis Javier López	Rural University
183	Ruben Suchite	Rural University
184	Joel Alvarado	Rural University
185	Marco Antonio Roman	FUNDAECO
186	Xiomara de la Cruz	FUNDAECO
187	Ingrid Pelico J.	FUNDAECO
188	Oscar Calderón	FUNDAECO
189	Elder Danilo Perez	FUNDAECO
190	Yesenia González	Cablevisión del norte

No.	Name	Community / Institution
191	Gaby Monzón	Guatevisión
192	Edwin Perdomo	Prensa Libre
193	Dony Stewart	Diario Nacional de Centroamérica
194	Arnoldo Castellanos	Siglo XXI
195	Bryan Galicia Gálvez	DIPRONA
196	Armando Perez	DIPRONA
197	Claudia Morales Duarte	MINEDUC
198	Doris Escobar	MINEDUC
199	Maria Estela Gomez	MINEDUC
200	Marisol Lopez	MINEDUC
201	Juan Humberto Pineda M.	BOMBEROS
202	Eduardo H. Pineda Molina	BOMBEROS
203	Carlos R. Aguirre	BOMBEROS
204	Mario E. Salazar	Fundación Mario Dary

4. Summary of the Management and Mitigation Plans (SEIA)

4.1 Mitigation Plan for the potential social-economic impacts by the development of new oil palm plantations

High Impact Action	Possible Impact	Mitigation Measure	Stage	Responsibility	Time
1. Local Labor:	- Recruitment of workers in the Alta Verapaz area to perform field work	- Provide opportunities to local people in the site	- 100% of clerical workers, drivers, operators, workshops, extraction plants are local in Puerto Barrios and Morales	- Human Resources Manager - Production Manager	- During the operation inception and operation phase
2. Floods:	- Flooding of communities close to oil palm plantations	- Construction of banks on plantations that represent a greater risk of flooding	- There are 30 km of banks protecting 16 surrounding communities in the area of influence of the plantations	- Human Resources and CSR Manager - Infrastructure Manager	- During the operation growth and plantations development
3. Rachis on the field:	- Bad smell in communities	- Reuse the rachis	- There is a project of Generadora del Atlántico using rachis as biomass to generate clean energy - The Technical	- Technical Department Manager - Production Manager - Generadora del Atlántico Plant	- During growth of operations

High Impact Action	Possible Impact	Mitigation Measure	Stage	Responsibility	Time
			Department develops a plan to manage rachis	Manager	
4. Use of buffalos:	- Abuse	- Actions that reduce the effort of buffalos in the work area	<ul style="list-style-type: none"> - There is a plan for deworming, medicines, food and vaccination implemented - Fiber carts are used to prevent heavy weight - Bedspreads are used on the back of the buffalo to prevent injury with the cart - The practice of inserting earrings on buffalos is implemented to carry out rotation 	- Production Manager and General Manager	- During the growth of operations

High Impact Action	Possible Impact	Mitigation Measure	Stage	Responsibility	Time
5. Fruit Truck Traffic	- Deterioration of roads	- Roads maintenance and repair	<ul style="list-style-type: none"> - There is an annual maintenance plan of internal and external roads - There has been an investment on ballast, machinery hours, and diesel to repair roads 	<ul style="list-style-type: none"> - Production Manager - Human Resources and CSR Manager - Infrastructure Manager 	- During the growth of operations
6. Community Development	- Attention to communities	- Social Responsibility Projects with surrounding communities	<ul style="list-style-type: none"> - The Company has carried out projects of infrastructure, drinking water, support to schools, health centers and training to community leaders and has been kept close relationship with the communities - Communities requests in favor of its development have been addressed and solved 	<ul style="list-style-type: none"> - Human Resources and CSR Manager - Certifications Manager - Corporate Affairs Coordinator 	- During the growth of operations

4.1 Management Plan to improve socioeconomic contributions

Possible positive impact	Measures to maximize the potential impact	Persons responsible
1. Source of work:	<ul style="list-style-type: none"> - The Company provides direct employment to more than 2,000 workers - It provides indirect work to local suppliers and trade business that benefited financially by hiring palm workers and purchase requirements the company needs (transporters, construction contractors, grocery stores, machinery rents, construction materials, appliances, etc.) - Workers were paid above the minimum wage required by law and there is no child labor at the plantations and extraction plants 	- Human Resources Manager, Production, Comptroller, Purchases, General Management
2. Responsible before the communities	- The company works with more than 200 community leaders and local entities with which it has maintained a close relationship to support the community in infrastructure, education, health and community requests	- Human Resources, Certifications, Corporate Affairs, Production, General Management
3. Responsible before the workers	<ul style="list-style-type: none"> - The workers' camps have been remodeled in order to improve their conditions - Protective equipment was given for the work presenting risk within the operations of the company - Continuous training to workers is provided: field and plant work, protective equipment use, company policies, responsible use of agricultural chemicals - The benefits required by law are met, and a personal accidents insurance is also provided, which covers medical expenses due to an accident and up to Q25,000 in case of death 	- General Management, Production, Human Resources, Corporate Affairs, Certifications, Technical Department
4. Responsible with the environment	Biogas Project: We have a biogas project where the gas obtained in the lagoons is transferred to engines of power generation to generate clean	- Manager Certifications, Extracting Plants Managers, General Management and Production

	<p>energy and the surplus of the biogas is burned out at a controlled temperature higher than 600 °C to reduce the greenhouse gas.</p> <ul style="list-style-type: none"> - There is a biomass project in which the rachis that produces steam to generate clean energy is burnt. - There are two bio-digester tanks where an anaerobic fermentation of sludge obtained by the extraction process will occur, this produces biogas for clean energy generation and reduction of greenhouse gas - There are reforestation programs 	
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4.1 Mitigation Plan for the potential environmental and social impacts for the development of new oil palm plantations

High Impact Action	Possible Impact	Mitigation Measure	Stage	Responsibility	Time
Activities for the establishment of cover crop	Reduction of erosion and improvement of the soil physical-chemical conditions	Extend and maintain the coverage cultivation system in all areas of the plantation.	Establishment of new crops and preparation of new farms.	Agricultural Manager	During the phase of sowing new oil palm plantations.
Agronomic management and harvest (recruitment)	Provides jobs and consequently, income to several families at the local level.	Prioritize the employment of local labor	During the life cycle of the crop.	Human Resources Manager	During the life cycle of the crop
Fertilization and Pest Management	Control over the outbreak of diseases and pests not beneficial for the plantation, in its various growth phases.	Continue with the batch fertilization program and strengthen the MIP.	During the life cycle of the crop.	Agricultural Manager, Technical Manager and Certifications Manager	During the crop cycle
Pest management and fertilization	Risk of water pollution by inappropriate use	Pesticides management	During the life cycle of the crop.	Agricultural Manager,	During the crop cycle.

High Impact Action	Possible Impact	Mitigation Measure	Stage	Responsibility	Time
	of pesticides.	according to FAO standards. Implementation of the control mechanism in the application of agrochemicals.		Technical Manager and Certifications Manager	
Preparation of seeding soil for new plantation:	- Change in the farms landscape Replacement of agricultural activities	Comply with Environmental legislation of the country. Develop plantations according to good agricultural practices.	Planting of new oil palm plantations.	Agrocaribe, Production Manager, Certifications Manager	During the entire seeding phase of new plantations.
Seeding process of new plantations Nursery garden Seeding	Change in the landscape of farms. Replacement of productive agricultural activities.	Comply with Environmental legislation of the country. Develop the plantations in accordance with the best agricultural practices for oil palm cultivation.	Seeding of new oil palm plantations.	Production Manager, Certifications Manager	During the entire seeding phase of new oil palm plantations.
Activities for the establishment of cover crop	Avoid effects by erosion.	Erosion reduction and improvement of soil physical-chemical conditions. Extend and maintain the cover crop system in all areas of	Seeding of new oil palm plantations.	Production Manager, Certifications Manager	During the entire seeding phase of new oil palm plantations.



High Impact Action	Possible Impact	Mitigation Measure	Stage	Responsibility	Time
		plantation			
Establishment of protective coverage	Generates a positive impact for wildlife by adding a certain degree of complexity to the agricultural ecosystem.	Maintenance of vegetative cover channels. Maintenance of vegetative coverage of related water bodies.	Seeding of new oil palm plantations.	Production Manager, Certifications Manager	During the entire seeding phase of new oil palm plantations.

4.2 Management Plan to promote the positive environmental effects

This section emphasizes that the oil palm plantations in the survey area work as a control and buffering barrier regarding the flood phenomena and sediment gouge that will inevitably affect every year the Motagua river and the surrounding communities. The foregoing is considered a highly positive impact for the region.

On the other hand, it is also important to mention, that the oil palm plantations, bring sustainability to a greater diversity of fauna, compared to the pasture area used by the cattle, which in the past occupied the San Fernando and Rome farms, which is also considered a positive impact for the region.

Regarding the management plan to promote these positive impacts, it is highlighted that upon completion of the management plan proposed on previous point, positive environmental effects are automatically generated, since such plan looks forward, among other things, to protect and promote every ecosystem with potential for conservation such as bodies of water, riparian vegetation, isolated forest parks, etc.

5. Summary of the Management and Mitigation Plans (HCVA)

5.1 HCVA monitoring plan and periodic review of the data

At this point, it is important to clarify that, none of the farms under study were HCVA identified. However, in the direct and indirect influence areas, some small patches were identified, which must be preserved, specifically because of the devastation of the area. The following table has the Conservation, Management and Mitigation Plan for all those areas that although they have not been considered HCV areas, they have some potential for conservation.

5.2 Conservation, management and mitigation plan for the impacts that could affect the areas that still have some potential for the conservation, even when these are not considered HCVA.

Objective	Environmental Impact	Environmental Measures	Application Time	Person responsible
<p>Ensure the non-affectation, and promote the recovery and maintenance of the biological environment of the farms, and of the DIA and All.</p>	<p>Potential effect on the biological environment (regenerating coverage, fauna and flora and water bodies)</p>	<ul style="list-style-type: none"> • Prevent native tree logging, and prohibit poaching in the farms. • Notify relevant state offices, on the presence of species of endangered flora and fauna, in case any are found. • If any burrows, shelters, or nests of any kind, are found to coordinate with specialists for their relocation. • Ensure the non-affectation of regenerating coverages, or in the protection areas of water bodies associated with each of the farms. • Keep strict erosion and sedimentation control practices, mainly with regard to surface runoff water that drains into the water bodies associated with the farms. • Promote plant recovery plans in the protection areas of the water bodies. • Monitor on a regular basis the physical-chemical conditions of the water bodies. • Take annual water samples of the bodies of water, for the group of macro-benthic invertebrates (biological indicators). • Keep signs indicating the prohibition of hunting, littering, or pollution of the rivers in the farms. • Place signs, stating the rare, endemic, threatened 	<p>The application time is a periodic. However, the alert to compliance with these measures is constant. In the case of water monitoring, the frequency will be every six months.</p>	<p>Company:</p>

		<p>or endangered species that must be protected to help raise awareness of their ecological value.</p> <ul style="list-style-type: none"> • Participate actively in the local and regional programs for the conservation of biodiversity in Protected Areas nearby. • To perform an assessment with the purpose of determining the awareness level of the staff in the farms on the ecological values in the area. • Establish contact with local institutions, NGOs or government entities, in order to publicize the conservation and management policies and actions that they want to implement. • Take a firm stand and inform the communities on the policies and actions that will be taken by the company in the environmental field. • Identify socio-cultural attitudes that can affect important ecological areas, such as the bodies of water close to the farms and draw up solutions. • Identify internal company problems, in regard to the management of the plantations that could affect important ecological areas close to the farms. • Identify local and regional issues that affect these areas. • Know the position of the owners of the neighboring farms, on the future conservation and management plans for their farms. • Monitor the behavior and dynamics of the ecosystem on the landscape in general (increase or decrease of regenerating areas). • Identify in the landscape the sites with potential of connecting to forested areas that may favor the 		
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		<p>establishment of biological corridors.</p> <ul style="list-style-type: none"> • Carry out a survey of the protection areas of water bodies, which are invaded by palm plantations and take actions to correct them. • Assess populations of wild, threatened or endangered species that are making use of the plantations, with the object to determine their population status. • Determine the use of the plantations, as transit and travel routes toward areas better established, by the wildlife species identified. • Develop a plantation management plan, taking into consideration the environmental impact. • Implement landscape management tools (biological corridors, living fences, fragments or patches of native forests, wetland enrichment and isolation) that ensure the diversity and configuration of the natural landscape. • Design and implementation a local system of ecological connectivity that is integrated into the main ecological structure of the region. • The regional palm agro-system should not be continuous, and a separation or isolation of the palm tree farms of at least 5 kilometers must be sought, in order to promote a diverse landscape. • During the planning of each productive activity, a management plan must be designed and implemented for the landscape that favors heterogeneity of the area and the connectivity between the relics of ecosystems and the permanence of the associated biodiversity. The 		
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		plan should be based on the implementation of landscape management tools (LMT), such as agroforestry systems, replanting of native species, protection of forest fragments and wetlands, implementation of biological corridors, reconnection of riparian forests, and others.		
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5.3 Management plan to improve and/or maintain the conservation values of certain HCVA

This section ratifies what has already been mentioned previously. In the farms under study no HCVA were identified; however, in the above table a Conservation, Management and Mitigation Plan was shown to enhance the ecological value of those areas even if they are not considered HCVA, they do have some conservation potential.

6. Internal Responsibility

6.1 Formal Waiver to the responsibility on the implementation of management and mitigation plans

The company specialized in the environmental field, Bio Terra Consultores Ambientales, who is also accredited by the RSPO, for the preparation of the studies summarized in these public notification reports, assumes full responsibility for the content of these reports.

Notwithstanding the foregoing, the responsibility on the implementation of the management and mitigation plans proposed in this document is hereby formally and officially waived.

Without further ado, sincerely,



*Biologist Marisol Zumbado Bustillos, MSc
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