

ASES ON-CHAIN PROTOCOL

PROJECT MONITORING REPORT

Manejo forestal en El Cuyo, Emiliano Zapata, Tabasco
BEL-001-MEX-04092023 EL CUYO, TABASCO, MÉXICO
Desarrollos Sostenibles BELMEX S.A. de C.V.
Type A Project



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I. CONTEXT

The project “**Manejo forestal en El Cuyo, Emiliano Zapata, Tabasco**”, with the aOCP identification code **BEL-001-MEX-04092023 EL CUYO, TABASCO, MÉXICO**, is in the onboarding stage for being registered under the Ases On-Chain Protocol (aOCP). Since Project activities were not yet implemented before the start of the onboarding process, it participates as a project of Modality A. According to the aOCP rules and procedures, Modality A projects shall go through the following process to be registered:

1. Application via the Project Submission Form (PSF), done by Project proponent.
2. Documentation review and alignment assessment, done by aOCP Operations Team.
3. Project pre-registration, done by aOCP Operations Team.
4. On- site Validate of the implemented Project activities, done by aOCP Operations Team.
5. Elaboration of Baseline report, monitoring plan, Contingent table of credits issuance, done by aOCP Operations Team.
6. Project proponent agreement.
7. Project Verification by an external, independent, 3rd-party Verifier, delivering a Project Verification Report.
8. Project registration letter and first credits issuance, done by aOCP Operations Team.

This report corresponds to step 4, the field visit. The methodology and data gathered on-site are presented here.

II. METHOD OF ANALYSIS

The *aOCP Methodology for carbon capture monitoring V1.0* was followed during this monitoring campaign.

II.1. VEGETATION SAMPLING PROCEDURE

II.1.1. IN CABINET

The sampling points were selected randomly across the project area. Five quadrats of 50 x 20 m² were established. The sampled area comprises 0.87% of the total project area. The coordinates are provided in Table 1.

Table 1. Geographic coordinates of assessed quadrats

Vegetation Sampling Points	Geographic Coordinates (dd)	
	Latitude	Longitude
P1-BEL001MEX	17.7092°	-91.7200°
P2-BEL001MEX	17.7136°	-91.7394°
P3-BEL001MEX	17.7117°	-91.7147°
P4-BEL001MEX	17.7083°	-91.7187°
P5-BEL001MEX	17.7192°	-91.7288°

II.1.2. IN THE FIELD

Location and delimitation of the sampling points in the project area



Figure 1. Location of the quadrats for Vegetation Sampling. The red pins represent the vegetation sampling points, and the white polygons represent the total project area.

Individual Registry of Vegetation

Within the sampling quadrats, every observed individual was measured and recorded.

- **Vegetation registration of trees, shrubs, & herbs/grasses**

1. All individuals were identified by their scientific or reference name.
2. The diameter and height of the main trunk of trees and shrubs were measured.
3. Photographic evidence was taken of each species that was measured and/or identified.
4. Photographic evidence of the activities of the registration of tree individuals was taken to integrate the photographic annex of activities.
5. The percentage of sampled surface area compared to the total project area was estimated.

- **Vegetation Registration**

1. Sampling criteria were unified with the work team.
2. All vegetation was recorded per sampling point using the proprietary Ases application.
 - a. A person responsible for the use of the application was designated after an overview of the job site was made.
3. Vegetation was recorded by strata:
 - i. Trees
 - ii. Shrubs
 - iii. Herbs & Grasses

Wildlife Sampling

Within the five transects identified for vegetation sampling, any fauna which was observed was recorded and photographed. A further inventory of fauna biodiversity was conducted during a later monitoring period. Photographic evidence of sighted fauna is included in the annex.

III. RESULTS

This section includes tables of all vegetation species which were measured and registered from the sampling transects and the sighted fauna which were photographed.

III.1. VEGETATION SAMPLING

Table 2. Technical Information for Sampled Species in the Project Area

Point	Type	Species	Number of individuals	Average Height (m)	Average Diameter (cm)
1	Tree	Tinto (<i>Haematoxylum campechianum</i>)	44	7	4
	Tree	Macuilí (<i>Tabebuia rosea</i>)	2	9	7
2	Tree	Tinto (<i>Haematoxylum campechianum</i>)	61	5	4
	Tree	Macuilí (<i>Tabebuia rosea</i>)	16	7	8
	Shrub	<i>Lonchocarpus guatemalensis</i>	11	2	2
3	Tree	Tinto (<i>Haematoxylum campechianum</i>)	70	6	11
	Tree	<i>Lonchocarpus guatemalensis</i>	10	1.6	2
4	Tree	Tinto (<i>Haematoxylum campechianum</i>)	48	8	8
	Shrub	<i>Lonchocarpus guatemalensis</i>	7	5	3
5	Tree	Tinto (<i>Haematoxylum campechianum</i>)	46	11	8
Total			314		

III.2 FAUNA SAMPLING

Group	Scientific name	Common Name	World status	Mexico Status	Distribution
Aves	<i>Mycteria americana</i>	Wood stork	LC	Pr	Native
Aves	<i>Busarellus nigricolis</i>	Black-Collared Hawk	LC	Pr	Native
Mammalia	<i>Alouatta pigra</i>	Yucatán Black Howler Monkey	EN	P	Native

Global status IUCN Red List: (CO) Collapsed, (CR) Critically Endangered, (EN) Endangered, (VU) Vulnerable, (NT) Near Threatened, (LC) Least Concern, (DD) Data Deficient, (NE) Not Evaluated.

National status NOM-059-SEMARNAT-2010: (E) Probably extinct in the wild, (P) Endangered, (A) Threatened, (Pr) Subject to special protection, (NA) Not applicable.

IV. CONCLUSIONS

The Project activity submitted by the Project proponent **Desarrollos Sostenibles BELMEX S.A. de C.V.**, has been monitored on-site, finding that the Project activities presented in the PSF are consistent with what was observed during the field visit.

IV.1. PHOTOGRAPHIC ANNEX

The following photographs show the Project area, the state of the plantation done by the Project proponent and the monitoring activities performed by the aOCP Operations Team during the field visit on June 24, 2024.







