



SDG REPORT – CAR1863

Annex to the Project Contributions to Sustainable Development Goals- Reporting Tool

| GENERAL INFORMATION, First Reporting Period | |
|---|---|
| Reserve´s Project ID | CAR1863 |
| Project Name | BONOS X-HAZIL DE LA RUTA SIAN KA'AN |
| Project Developer | THEEARTHLAB SA de CV |
| Forest Owner | <i>Ejido X-Hazil y Anexos</i> |
| Protocol | Mexico Forest Protocol, Version 3.0. |
| Project Location (City, State, Country) | <i>Ejido X-Hazil y Anexos, Quintana Roo, México</i> |
| Project Start Date | March 14th, 2021 |
| Closing Date of Project´s First Issuance Period | March 13th, 2022 |
| Project Implementation Partners | BONOS DE CARBONO MESTIZO S.A.P.I. DE CV (BCO2M) |

| GENERAL INFORMATION, Second Reporting Period | |
|---|---|
| Reserve´s Project ID | CAR1863 |
| Project Name | BONOS X-HAZIL DE LA RUTA SIAN KA'AN |
| Project Developer | THEEARTHLAB SA de CV |
| Forest Owner | <i>Ejido X-Hazil y Anexos</i> |
| Protocol | Mexico Forest Protocol, Version 3.0. |
| Project Location (City, State, Country) | <i>Ejido X-Hazil y Anexos, Quintana Roo, México</i> |
| Project Start Date | March 14th, 2022 |
| Closing Date of Project´s First Issuance Period | March 13th, 2023 |
| Project Implementation Partners | BONOS DE CARBONO MESTIZO S.A.P.I. DE CV (BCO2M) |

| PROJECT SDG CONTRIBUTIONS | | | | | | | | |
|---|------------|------------|---|---|---|--|------------------------------------|--|
| Expected Project Contribution by the End of Project Lifetime | SDG Name | SDG Number | SDG Description | SDG Target | SDG Indicator | Net Impact on SDG Indicator (Increase or Decrease) | Project Document Section Reference | Additional Monitoring/Reporting or Impact Measurement Activity |
| The Project will increase the annual income of the ejidos through the sale of CRT's generated by the Project, in addition to the fieldwork and risk management activities will be carried out by ejidatarios and community members. The international poverty line in 2023 was \$2.15 USD/day, in the state of Quintana Roo, municipality of Othón P. Blanco in the rural portion, 49.3% of the population lives below the rural poverty line, which has a value of \$3.29 USD/day. The inhabitants of this site are 49.51% men and 50.49% women. | No Poverty | 1 | End poverty in all its forms everywhere | 1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day | 1.1.1 Proportion of population below the international poverty line, by sex, age, employment status and geographical location (urban/rural) | Reduce | 4.1 Social Safeguards | Payments for field work above the International Poverty Line. |



The *Sian Ka'an* Route X-Hazil Bond Project has not sold any CRTs and therefore, there has been no income to the *Ejido* from the sale of CRTs. However, for the field work activities of the forest inventory of the Carbon Project, a total of 25 temporary jobs were created (24 inventory personnel, 1 supervision); Each team was paid according to the parcel information provided. On average, each person earned an income of \$3,600.00 MXN or \$211.76USD for five days of work, that is, \$720.00 per day or \$42.35 USD. These averages were calculated using field work data from the Carbon Project Forest inventory in a five-day work week for brigade leader and brigade member. The field work was carried out from August 21, 2023, to October 26, 2023.

The international poverty line in 2023 is \$2.15 USD/day according to the World Bank [\(https://datatopics.worldbank.org/world-development-indicators/themes/poverty-and-inequality.html#:~:text=Poverty%\)](https://datatopics.worldbank.org/world-development-indicators/themes/poverty-and-inequality.html#:~:text=Poverty%) (Information date 2/14/2024).

For the value of the population in rural poverty, the value for the municipality of Felipe Carrillo Puerto of the variable "Population with income below the poverty line by income (%)" of the Poverty Geographic Information System, 2020 according to CONEVAL was used. Link [\(https://coneval.maps.arcgis.com/apps/webappviewer/index.html?id=6699dd1087e94d65ab1d922e58764015\)](https://coneval.maps.arcgis.com/apps/webappviewer/index.html?id=6699dd1087e94d65ab1d922e58764015) (Information date 2/14/2024).

The income data by poverty line for the year 2023, used was the value for the municipality of Felipe Carrillo Puerto of the variable Poverty lines by income Rural LPEI converted to dollar with an exchange rate of \$1 USD=\$17 MXN [\(https://sistemas.coneval.org.mx/InfoPobreza/Pages/wfrLineaBienestar?pAnioInicio=2016&pTipoIndicador=0\)](https://sistemas.coneval.org.mx/InfoPobreza/Pages/wfrLineaBienestar?pAnioInicio=2016&pTipoIndicador=0) (Information date 2/14/2024). Minimum salary as of January 2024, \$278.93 MXN, \$16.41 USD, for the category Machines for wood in general, official operator of [Tabla_de_Salarios_Minimos_2024.pdf](http://www.gob.mx) (www.gob.mx) (Date of information 2/14/2024).

The population in the localities that make up the ejido of [://gaia.inegi.org.mx/scince2020/](http://gaia.inegi.org.mx/scince2020/) (Information date May 20, 2024).

| THE EARTH LAB | | SOLICITUD DE PAGO A BRIGADAS PARA PROYECTOS DE CARBONO | | Código: | 17.F.SPB |
|---------------------------------------|--|--|--|----------|----------|
| | | | | Versión: | 00 |
| Nombre y cargo del solicitante | Biol.Gonzalo Sánchez Santos, Gerente de Proyecto | | | | |
| Fecha de Solicitud | 7 de septiembre de 2023 | | | | |
| Nombre del Proyecto | Bonos X-Hazil de la Ruta Sian Ka'an | | | | |
| Nombre del Dueño Forestal | Ejido X-Hazil Sur y Anexos | | | | |
| Presupuesto de Gastos por Proyecto de | Proy. CO2 Q,Roo | | | | |

| DATOS DEL PRESUPUESTO POR PROYECTO | | | PAGO SOLICITADO | | | OBSERVACIONES |
|---|-------------------------------------|--|-----------------|----------|-------------|--------------------------|
| Cuenta | Subcuenta | Descripción | Precio Unitario | Cantidad | Total | |
| 40 Trabajos de Campo (Dueño del Proyecto) | 40.3 Pago a destajo por parcela | Levantamiento parcela precio base (por parcela) | \$1,200.00 | 54 | \$64,800.00 | 54 parcelas (6 brigadas) |
| 40 Trabajos de Campo (Dueño del Proyecto) | 40.3 Pago a destajo por parcela | Levantamiento parcela de difícil acceso, brigadista | \$350.00 | 0 | \$0.00 | NA |
| 40 Trabajos de Campo (Dueño del Proyecto) | 40.3 Pago a destajo por parcela | Levantamiento parcela base, líder de brigada | \$450.00 | 0 | \$0.00 | NA |
| 40 Trabajos de Campo (Dueño del Proyecto) | 40.3 Pago a destajo por parcela | Levantamiento de parcela de difícil acceso, líder de brigada | \$550.00 | 0 | \$0.00 | NA |
| 40 Trabajos de Campo (Dueño del Proyecto) | 40.3 Pago a destajo por parcela | Bono productividad | \$400.00 | 0 | \$0.00 | NA |
| 40 Trabajos de Campo (Dueño del Proyecto) | 40.4 Flete para llegar a la parcela | Vehículo, gasolina y chofer | \$100.00 | 53 | \$5,300.00 | Vehiculos motorizados |
| | | | | | Total | \$70,100.00 |

| | |
|--------------|---|
| Aprobado por | Biól. Gonzalo Sánchez Santos, Gerente de Proyecto |
|--------------|---|

| | | | |
|--------|--|------------|--|
| B. | | \$500.00 | |
| B. | | \$500.00 | |
| J.B. 5 | | \$4,950.00 | |
| B. | | \$2,750.00 | |
| B. | | \$2,750.00 | |
| B. | | \$2,750.00 | |
| J.B. 6 | | \$1,150.00 | |
| B. | | \$625.00 | |
| B. | | \$625.00 | |
| TOTAL | | \$39,300 | |

| | | | |
|---------------------------------------|--|----------------------------------|--|
| Presidente Comisariado Ejidal | | Secretario | |
| Tesorero | | Coordinador de Proyecto ante CAR | |
| Gerente de Proyectos The Earth Lab | | | |

Fig. 1 Above, payment request to Brigades for Carbon Projects, below, Payment Format and List of Week 04 of the Carbon Project Forest inventory.

| Expected Contribution of the Project at the End of its Useful Life | Name of SDG | SDG Number | SDG Description | Search Code | SDG Target | SDG Indicator Number | SDG Indicator | Net Impact on the SDG Indicator (Increase/Decrease) | Project Document Reference Section | Additional Monitoring/Presentation of Report or Impact Measurement |
|---|----------------|------------|--|-------------|--|----------------------|--|---|------------------------------------|--|
| 100% of the Project Owners are <i>ejido</i> landowners, have secure rights over land ownership and have legally recognized documentation in this regard that describes their rights. The 392 <i>ejido</i> landowners are 80.61% men and 19.36% women. | End to Poverty | 1 | End poverty in all its forms, everywhere | Target_1 | 1.4 By 2030, ensure that all men and women, particularly the poor and vulnerable, have equal rights to economic resources and access to basic services, ownership and control of land and other assets, inheritance, natural resources, new appropriate technologies and financial services, including microfinance. | 1.4.2 | 1.4.2 Proportion of the total adult population with secure land tenure rights: a) who have legally recognized documentation in this regard and b) consider their rights secure, broken down by sex and type of tenure. | | 3.1 Land Tenure and Documentation | |



Ejido X-Hazil is composed by 392 ejido landowners, of which, 316 are men and 76, are women, representing 80.61% and 19.36%, respectively. The lists containing their names are confidential.

| Expected Contribution of the Project at the End of its Useful Life | Name of SDG | Number of SDG | SDG Description | Search Code | SDG Target | SDG Indicator Number | SDG Indicator | Net Impact on the SDG Indicator (Increase/Decrease) | Project Document Reference Section | Additional Monitoring/ Presentation of Report or Impact Measurement |
|--|-------------------|---------------|---|-------------|--|----------------------|---|---|--|--|
| <p>Within the Carbon Project, training sessions will be held for operational participants, both the Forest Owner and the Project Developer, at least once a year.</p> <p>Within the Carbon Project, training sessions open to the public will be held at least every fifth year.</p> <p>The goal is to reach the goal every year at least 20 attendees per training, with equal access for men and women with technical, academic or non-academic training.</p> <p>During the life of the Project, at least 100 training sessions will be held for operational participants and 20 open to the public, for a total of 120 training sessions.</p> <p>These training events would not be held without the Project.</p> | Quality Education | 4 | Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. | Target_4 | 4.3 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship | 4.3.1 | 4.3.1 Participation rate of youth and adults in formal and non-formal education and training in the previous 12 months, by sex. | Increase | 4.1 Social Safeguards 4.2.5 Sustainable use practices | The Project has carried out different trainings since 2021, the participants are between 35 and 56 years old, the majority are within the 30-40 age range. |



The *Bonos X-Hazil de la Ruta Sian Ka'an project* has carried out different trainings since 2021, the participants are between 35 and 56 years old, the majority are within the 30-40 age range:

W: Women M: Men

- Training, Forestry Technicians 07-09-21 (W 1, M 3)
- Training, Baseline 08-26-21 (W 0, M 4)
- Training, Safeguards 08-26-21 (W 0 M 4)
- Training, Forest Inventory 04-02-22 (W 0, M 4)
- Training, Botanical Identification 03-17-22 (W-0, M 3)
- Workshop, *Bonos Jaguar del Mayab* Charrete 08-24-2022 (W 12, M 13)
- Training on Initial Forest Inventory for the Carbon Project under the criteria of the Forest Protocol for Mexico V.3.0 08-21-2023 (W 2, M 22)



Lista de Asistencia

Nombre del proyecto: Bonos X-Hazil de la Ruta Sian Ka'an
Capacitación/Taller/Actividad: Implementación de Inventario Forestal
Dueño Forestal: X-Hazil y Anexos Día: 21 Mes: Agosto Año: 2023

| Nombre | Representante de: | Datos de contacto | Firma |
|--------|-------------------|-------------------|-------|
| | coordinador CAR | | |
| | UH May | | |
| | X-Hazil | | |
| | Chanca | | |

Fig. 2 Photos of classroom and field training, training attendance list (p1 of 3) "Initial Forest Inventory Survey for the Carbon Project under the criteria of the Forest Protocol for Mexico V.3.0".

THE EARTH LAB

TALLER DE IDENTIFICACIÓN BOTANICA Y MEDICIONES DE PARCELAS PARA EL PROYECTO DE CARBONO EN EJIDO X-HAZIL Y ANEXOS. 18 DE MARZO 2022



Fig. 4 Baseline elaboration and Safeguards Trainings



Fig. 5 Workshop, Charrete *Bonos Jaguar del Mayab*

| Expected Contribution of the Project at the End of its Useful Life | Name of SDG | SDG Number | SDG Description | Search Code | SDG Target | SDG Indicator Number | SDG Indicator | Net Impact on the SDG Indicator (Increase/Decrease) | Project Document Reference Section | Additional Monitoring/Presentation of Report or Impact Measurement |
|--|-------------------|------------|--|-------------|---|----------------------|--|---|------------------------------------|--|
| At least the Climate Action Reserve Project Coordinator and one other person will acquire computer-related ICT skills defined by the International Telecommunication Union (ITU) to carry out monitoring of the Project activities. During the training event open to the public, training will be provided so that attendees acquire ICT skills to support the Project on social and environmental issues. The goal is that at each event at least 20 attendees acquire the necessary skills. | Quality Education | 4 | Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all | Target_4 | 4.4 Increase the number of people with relevant skills for financial success. | 4.4.1 | 4.4.1 The proportion of youth/ adults with information and communications technology (ICT) skills, by type of skill. | Increase | 4.1 Social safeguards | |



At the time of writing this report, the Project had not yet sold CRTs, therefore these training sessions have not been carried out. Once the resources from the sale of CRTs are available, they will be scheduled and carried out.

| Expected Contribution of the Project at the End of its Useful Life | Name of SDG | SDG Number | SDG Description | Search Code | SDG Target | SDG Indicator Number | SDG Indicator | Net Impact on the SDG Indicator (Increase/Decrease) | Project Document Reference Section | Additional Monitoring/ Presentation of Report or Impact Measurement |
|---|-----------------|------------|---|-------------|---|----------------------|--|---|------------------------------------|---|
| 100% of the Calls and access to Assemblies where the Carbon Project is discussed are carried out in accordance with the Agrarian Law and the internal Regulations of the X-Hazil ejido and Annexes. This instrument promotes, enforces and monitors gender equality and the assistance in Ejidal Assemblies, calling without distinction men and women members of the Assembly. | Gender Equality | 5 | Achieve gender equality and empower all the women and girls | Target_5 | 5.1 End all forms of discrimination against all women and girls everywhere. | 5.1.5 | 5.1.1 Whether or not legal frameworks are in place to promote, enforce and monitor equality and non-discrimination the basis of sex. | | 4.1 Social Safeguards | |



1) The Political Constitution of the United Mexican States Art. 1. “Any discrimination motivated by ethnic or national origin, gender, age, disabilities, social status, health conditions, religion, opinions, sexual preferences, marital status or any other discrimination that violates human dignity and aims to annul or undermine the rights and freedoms of people is prohibited.”

2) Agrarian Law: Second Section, Ejido Members and Residents

Article 12.- Ejido members are men and women holders of ejidal rights.

Article 17. The *ejido* landowner has the power to designate who should succeed him in his rights over the plot and in the other rights inherent to his status as *ejido* landowner, for which it will be sufficient for the *ejido* landowner to draw up a list of succession in which the names of the persons and the order of preference according to which the adjudication of rights should be made upon his death appear. For this purpose, the spouse, concubine or partner, if applicable, one of the daughters or one of the sons, one of the ascendants or any other person may be designated.

3) Internal Regulations of the Ejido where it says that the introduction applies to all *ejido* landowners.

TITULO SEGUNDO DE LOS EJIDATARIOS Y AVECINDADOS

CAPITULO PRIMERO DE LOS EJIDATARIOS

ARTICULO 8º PARA PODER ADQUIRIR LA CALIDAD DE EJIDATARIO DE ESTE NÚCLEO SE REQUIERE:

I.- SER MEXICANO MAYOR DE EDAD O DE CUALQUIER EDAD SI TIENE FAMILIA A SU CARGO O SE TRATE DE HEREDERO DE EJIDATARIO;

II.- SER AVECINDADO DEL EJIDO, EXCEPTO CUANDO SE TRATE DE UN HEREDERO; Y

III.- SER TITULAR DE DERECHOS EJIDALES, O EN SU CASO, DE DERECHOS PARCELARIOS O SOBRE TIERRAS DE USO COMUN, ADQUIRIDAS POR ALGUNO DE LOS MEDIOS QUE ESTABLECE LA LEY AGRARIA.

ARTICULO 9º PARA LOS EFECTOS DE LA LEY AGRARIA Y ESTE REGLAMENTO, LA CALIDAD DE EJIDATARIO SE ACREDITA A TRAVÉS DE LOS SIGUIENTES DOCUMENTOS:

Fig 6. Extracts from Ejido Internal Regulations and Art. 8.



Criterios del Protocolo Forestal para México v. 3.0."
Ejido X-Hazil | Quintana Roo | 17 agosto de 2023

Mérida Yucatán, 17 de agosto 2023

At'n: Ejido X-Hazil y Anexos

Presente

ASUNTO: INVITACIÓN A LA CAPACITACIÓN "LEVANTAMIENTO DEL INVENTARIO FORESTAL INICIAL PARA EL PROYECTO DE CARBONO".

Por medio de la presente hacemos a usted una atenta invitación a la capacitación "**Levantamiento de Inventario Forestal Inicial para el Proyecto de Carbono bajo los Criterios del Protocolo Forestal para México v. 3.0**", el cual es un evento teórico - práctico que realizará The Earth Lab con la comunidad del Ejido para el Desarrollo del Proyecto "Bonos de X-Hazil de la Ruta Sian Ka'an", en cumplimiento de los estándares de Climate Action Reserve (CAR).

Estamos convencidos que la participación social es la clave para el desarrollo del proyecto. Apreciaremos la asistencia de los **ejidatarios que conformarán las brigadas para el levantamiento de parcelas** para capacitarlos y recabar su información, es indispensable que los participantes lleven consigo libreta, lápiz, ropa adecuada para práctica de campo y su Identificación Oficial, ya que con ella se estará tomando su participación durante el evento.

Convoca: The Earth Lab

Fecha y hora de la capacitación: Lunes 21 de agosto de 2023, 9:00 am a 4:00 pm.

Lugar: Casa Ejidal X-Hazil y Anexos

Temas que se verán durante la capacitación:

- ¿Qué es el Inventario Forestal? y ¿Por qué es importante?
- ¿Dónde se realiza el levantamiento?
- ¿Cómo se realiza el levantamiento?
 - Principales reservorios de carbono
 - Establecimientos de parcelas
 - Metodología
 - Formatos de campo para arbolado

Dudas-Aclaraciones:

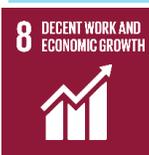
Gerente de Proyecto,

Biol. Gonzalo Sánchez

Correo: gsanchez@earthlab.mx

Fig. 7 Call to participate in the training of "*Levantamiento de Inventario Forestal inicial para el Proyecto de Carbono bajo los criterios del Protocolo Forestal para México V.3.0*" (Initial Forest Inventory Survey for the Carbon Project under the criteria of the Forest Protocol for Mexico V.3.0).

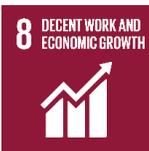
| Expected Contribution of the Project at the End of its Useful Life | Name of SDG | SDG Number | SDG Description | Search Code | SDG Target | SDG Indicator Number | SDG Indicator | Net Impact on the SDG Indicator (Increase/Decrease) | Project Document Reference Section | Additional Monitoring/ Presentation of Report or Impact Measurement |
|--|---------------------------------|------------|---|-------------|---|----------------------|---|---|------------------------------------|---|
| <p>The Carbon Project will generate employment with equal opportunity between men and women and equal pay, temporary and permanent, for the Forest Owner, the Project Developer and, where appropriate, other inhabitants of the area.</p> <p>For all jobs involving the Carbon Project, equal pay will be given for work of equal value.</p> <p>In 2024, the general daily minimum wage is \$248.93 MXN for 8 hours of work, each hour is worth \$31.12 MXN, permanent employment will earn at least \$150 MXN/hr and temporary employment \$130 MXN/hr.</p> <p>Without the Carbon Project, these earnings would not exist.</p> | Decent Work and Economic Growth | 8 | Promote sustained, inclusive and sustainable and economic growth, full and productive employment and decent work for all. | Target_8 | 8.5 By 2023, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value. | 8.5.1 | 8.5.1 Average hourly earnings of female and male employees, by occupation, age and persons with disabilities. | Increase | 4.1 Social Safeguards | For the field work activities of the Initial Forest Inventory of the Carbon Project, a total of 25 temporary jobs were created. |



The *Bonos X-Hazil de la Ruta Sian Ka'an* Carbon Project has not sold any CRT and therefore, there has been no income for the *Ejido* from the sale of CRT. However, for the field work activities of the forest inventory of the Carbon Project, a total of 25 temporary jobs were created (24 inventory staff, 1 supervisory job), since each team was paid according to the parcel information delivered. On average, each person earned \$3,600.00 MXN or \$211.76 USD for five days of work, that is, \$720.00 per day or \$42.35 USD. These averages were calculated using the field work data from the Carbon Project's Forest inventory in a five-day work week for a brigade leader and a brigade member. Field work was carried out from August 21, 2023, to October 26, 2023.

These averages were calculated using the Carbon Project Forest inventory field work data for 3 plots/day and a five-day work week for brigade leader and brigade member. Image 1 shows an example of the Payment Request to Brigades for Carbon Projects and Payment Form. The *Raya* Payment Scheme List for week 04 of the Carbon Project Forest inventory, the number of brigade members available varied, so brigades were sometimes made up of different individuals.

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|--|---------------------------------|------------|---|-------------|--|----------------------|---|---|------------------------------------|---|
| Measures will be taken to eradicate child labor within the Carbon Project jobs. It will be checked that the employed personnel are of legal age, maintaining 0% child labor. | Decent Work and Economic Growth | 8 | Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. | Meta_8 | 8.7 Take immediate and effective measures to eradicate forced labor, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labor, including recruitment and use of child soldiers, and by 2025 end child labor in all its forms. | 8.7.1 | 8.7.1 Proportion and number of children aged 5-17 years engaged in child labor, by sex and age. | 0% | N/A | 0% child labor in the Carbon Project. |



Only adults may be employed in the Carbon Project activities. This is confirmed by creating the file for each participant and providing a copy of their *INE* or voter ID. This identification can only be obtained by adults over 18 years of age. To date, the percentage of child labor in the Carbon Project remains at 0%.

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|---|----------------|------------|--|-------------|------------|----------------------|---------------|--|------------------------------------|---|
| The Project will maintain forest cover and increase carbon sequestration by improving Forest Management practices within the ejido territory. This Project is projected to remove 126,381,500 tons of CO2 over its 100-year lifespan. | Climate Action | 13 | Take urgent Action to combat climate change and its impacts. | Target_13 | | | | This project will sequester 126,381,500 tons of CO2e over its 100-year lifetime. | IX. Carbon Stocks | Total Verified Emissions for Current Reporting Period (CO2e): 1st reporting period 269,443, 2nd reporting period 277,634. |



According to the Project approach carried out with the Cost-Benefit tool of the Climate Action Reserve in the life of the Project which amounts to 100 years, the Project will remove 126,381,500 tons of CO2 e, during the two periods it has removed:

| | Reporting period 16/03/2021- 15/03/2022 | Reporting Period 16/03/2022- 15/03/2023 |
|---|---|---|
| Total Verified Removals for Current Reporting Period (CO2e) | 269,443 | 277,634 |

| Expected Contribution of the Project at the End of its Useful Life | Name of SDG | SDG Number | SDG Description | Search Code | SDG Target | SDG Indicator Number | SDG Indicator | Net Impact on the SDG Indicator (Increase/Decrease) | Project Document Reference Section | Additional Monitoring/ Presentation of Report or Impact Measurement |
|---|--------------|------------|---|-------------|---|----------------------|--|---|--|---|
| The Carbon Project will maintain the designated forest area in its permanent forest area, which amounts to 26,256 hectares of semi-evergreen forest, and will increase its area at least once during the life of the project. | Life on Land | 15 | Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. | Target_15 | 15.1 By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements | 15.1.1 | 15.1.1 Forest area as a percentage of total land area. | Increase | 4.2 Environmental Safeguards 5. Additionality for Improved Forest Management activity | 100-year project commitment. Permanent forest area of 26,256 ha. |



The Project has made a commitment to remain in place for a total duration of 100 years, starting in 2021. To date, it has been applied to the entire permanent forest area, which amounts to 26,256 ha of medium sub-evergreen forest. To date, this area has not been extended.

| Expected Contribution of the Project at the End of its Useful Life | Name of SDG | SDG Number | SDG Description | Search Code | SDG Target | SDG Indicator Number | SDG Indicator | Net Impact on the SDG Indicator (Increase/Decrease) | Project Document Reference Section | Additional Monitoring/ Presentation of Report or Impact Measurement |
|---|--------------|------------|---|-------------|--|----------------------|---------------|---|------------------------------------|---|
| The Carbon Project Activity Area is habitat for the flora species cedar (<i>Cedrela odorata</i>), guayacan (<i>Guaiacum sanctum</i>), and fauna such as Ocellated turkey (<i>Agrocharis ocellata</i>), Ocopheasant (<i>Crax rubra</i>), wild turkey (<i>Penelope purpurascens</i>), toucan (<i>Ramphastos sulphuratus</i>), golden crested eagle (<i>Spizaetus ornatus</i>), howler monkey (<i>Alouatta palliata</i>), spider monkey (<i>Ateles geoffroyi</i>), jaguar (<i>Panthera onca</i>) and tapir (<i>Tapirus bairdii</i>), listed on the "Red List" under the NT (Near threatened), VU (Vulnerable), NT (Near threatened), EN (Endangered), CR (Critically endangered) categories. The Project will maintain forest cover and ecosystem connectivity | Life on Land | 15 | Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. | Meta 15 | 15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species. | | | Increase | 4.2 Environmental Safeguards | The Project Owner adopts species protection measures under the improved forest management scheme and has FSC Certification. |



The Carbon Project Activity Area is the natural habitat of the flora species Cedar (*Cedrela odorata*), Guayacan (*Guaiacum sanctum*), and the fauna Ocellated turkey (*Agrocharis ocellata*), Great curassow (*Crax rubra*), Mountain turkey (*Penelope purpurascens*), Toucan (*Ramphastos sulphuratus*), Golden crested eagle (*Spizaetus ornatus*), Howler monkey (*Alouatta palliata*), Spider monkey (*Ateles geoffroyi*), Jaguar (*Panthera onca*) and Baird's tapir (*Tapirus bairdii*), listed in the "Red List" in the categories NT (Near threatened), VU (Vulnerable), NT (Near threatened), EN (Endangered), CR (Critically endangered). The Project will maintain forest cover and ecosystem connectivity. Forest harvesting activities under the improved forest management scheme protect these species by safeguarding their habitat. In total, it has 11 species on the IUCN Red List and adopts measures to maintain forest cover, ecosystem connectivity and conserve biodiversity in accordance with its Forest Management Plan. Additionally, the Ejido X-Hazil and Annexes have the Forest Stewardship Council (FSC) Certificate, which guarantees that the products originate from well-managed forests and provide environmental, social and economic benefits.

| Expected Contribution of the Project at the End of its Useful Life | Name of SDG | SDG Number | SDG Description | Search Code | SDG Target | SDG Indicator Number | SDG Indicator | Net Impact on the SDG Indicator (Increase/Decrease) | Project Document Reference Section | Additional Monitoring/ Presentation of Report or Impact Measurement |
|--|----------------------------|------------|--|-------------|--|----------------------|---|---|---|--|
| For the implementation of the Carbon Project, the Project Developer The Earth Lab, the Ban.CO2 of Carbono Mestizo and Invert Inc. mobilized financial resources from multiple sources (private subsidy, mobilization of private financing with experimental character and foreign direct investment, respectively) to achieve the objectives of the Project. | Partnerships for the Goals | 17 | Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development | Target_17 | 17.3 Mobilize additional financial resources for developing countries from multiple sources. | 17.3.1 | 17.3.1 Additional financial resources mobilized for developing countries from multiple sources. | Increase | 4.1 Social Safeguards 4.1.4 Sale of Credits and Use of Funds | Mobilization of financial resources from multiple sources including private subsidies, mobilization of private financing on an experimental basis and foreign direct investment. |



In the first and second reporting periods, the Project Developer received funding to implement Project activities, the type of funding being Foreign Direct Investment (FDI). Partnership with INVERT Inc. and Mobilized Private Finance (MPF) on an experimental basis (Partnership through BCO2M). The Earth Lab participates as a direct partner of the communities it works with, contributes knowledge, is a Project Developer and provides human resources to support the community in the development process and measurement activities. Additionally, Private Grants - The Earth Lab Partnership- are also received.

The Agreement includes:

Foreign Direct Investment. Partnership through INVERT Inc.

1. Purpose

Protecting more than 100,000 hectares of Mayan Forest, the Agreement is an effort to ensure a promising future for the Planet through public participation along with ongoing social and economic benefits for local communities.

This alliance seeks to scale up nature-based solutions in the respective carbon project portfolios of Invert and The Earth Lab in Mexico and Latin America.

2. Term in Years

30-year agreement, but the alliance aims to develop a long-lasting relationship, allowing for the greatest possible impact.

3. Best Practices

Always focused on ensuring that communities are the main beneficiaries, allowing them to develop their economies and improve their quality of life. Provide transparency through meetings and ongoing communication.

4. Form of support establishment

Investment Agreement, where Invert and The Earth Lab become partners. In parallel, an alliance was agreed, in which the parties work together to develop a variety of projects in Latin America.



For further detail, please refer to the following link: <https://invert.world/medias/invert-and-earth-lab-partnership/>

Mobilize private finance (MPF) on an experimental basis, Alliance through BCO2M

1. Purpose

Integrate projects that promote good practices, providing human and economic resources to communities that own large tracts of land. BCO2M creates mechanisms and structures that allow all parties involved to work in a transparent manner, which allows attracting clients from different countries.

2. Term

Agreement of 30 years, but the alliance aims to develop a long-lasting relationship, which allows generating the greatest possible impact.

3. Best Practices

Creation of Trust for the carbon project. Support communities in their social, economic and administrative development to strengthen their sustainability.

4. Form of establishing support

Through contract and Bank Trust.

Through private grants - The Earth Lab Alliance

1. Purpose

Develop forestry projects that help conserve and restore different ecosystems.

2. Term

30-year agreement, renewable every 5 years, in which the alliance aims to develop a long-lasting relationship, allowing the generation of the greatest possible impact during the life of the project.

3. Best Practices

Training and support, implementation of methodologies and protocols, which ensure the quality and certainty of the information with which the project works. The Earth Lab has a holistic team that allows it to develop robust projects in compliance with the requirements of the Climate Action Reserve´s Mexico Forest Protocol.

4. Form of establishing support.

Through Contract.

