MONITORING REPORT

CRIMA PREDIO PUTUMAYO Y ANDOQUE DE ADUCHE REDD+ PROJECT

Document prepared by CARBO Sostenible SAS, YAUTO SAS, Terra Commodities SAS

Date of issue (*Version 1.0 13/01/2025*)

Monitoring Report Template (Version 3.4)	
Name of project	*CRIMA PREDIO PUTUMAYO Y ANDOQUE DE ADUCHE REDD+*
BCR Project ID	*BCR-CO-259-14-005*
Registration date of the project activity	*14/10/2022*
Project holder	*REGIONAL INDIGENA DEL MEDIO AMAZONAS (REGIONAL INDIGENOUS COUNCIL OF THE MIDDLE AMAZON) – CRIMA*
Contact	*Juan Andrés López* *jlopezsilva@carbosostenible.com* *Calle 77a 12-60, of 301*
Version number of the Project Document applicable to this monitoring report	*Version 6.0* *(08/02/2024)*
Applied methodology(ies)	*BCR0002 Quantification of GHG Emissions Reductions REDD+ Projects* *Version 3.0* *(16/02/2022)*

Monitoring Report Template (Version 3.4)	
Project location (Country, Region, City)	*Country: Colombia* *Department: Caquetá* *Municipality: Solano* *Department: Amazonas* *Municipality: Puerto Alegría, La Chorrera and Puerto Santander*
Project starting date	*05/01/2018*
Quantification period of GHG reductions/removals	*05/01/2018 to 04/01/2048*
Monitoring period number	*Third monitoring period*
Monitoring period	*01/10/2023 to 31/10/2024*
Amount of emission reductions or removals achieved by the project in this monitoring period	*1,551,218 tCO2e*
Contribution to Sustainable Development Goals	*SDG1, SDG3, SDG4, SDG15*
Special category, related to co-benefits	*The project does not apply to special category*

Table of contents

1 General description of project

The CRIMA Predio Putumayo y Andoque de Aduche REDD+ Project seeks the conservation of forests located within the indigenous territories of Andoque de Aduche Indigenous Reserve, in the municipality of Solano in the department of Caquetá; and in the areas of the indigenous communities from Puerto Zábalo to Belén, and Chukik+ to Guaimaraya zone that are part of the Great Predio Putumayo Indigenous Reserve in the municipalities of Puerto Santander, Puerto Alegría and La Chorrera in the department of Amazonas. The Andoque de Aduche Indigenous Reserve and the portion of the Predio Putumayo Great Indigenous Reserve that participate in the project have a total area of 1,018,661.6 ha. The project area (eligible area) has a total area of 1,003,130.84 ha in January 2018 and its monitoring extends until January 2048.

The Indigenous Reserve of RI Andoque de Aduche was established through INCORA Resolution 033 of 1988. The Great Indigenous Reserve of Predio Putumayo was created by INCORA Resolution 030 of 1988. Considering the extensive area of the Predio Putumayo Indigenous Reservation, the community decided to demarcate several specific management and control areas which would be run by the communities living there themselves. Therefore, following this community requests the INCORA, today called INCODER, demarcated those areas in 9 sectors, according to the INCORA Plan No. p-198,849 through the resolution 057, 4th of September of 1989.

During the monitoring period, the following activities were carried out (refer to section 13 Implementation of the project): productive activities (chagras, poultry, transportation lines, among others), educational grants for students, construction and improvement of schools, medical services (emergency assistance), design of health protocols, acquisition of means of transportation, housing construction, building a traditional language teaching house, strengthening of traditional practices, construction and improvement of malocas, support for the elderly, monitoring activities and capacity building,

1.1 Sectoral scope and project type

In accordance with the AFOLU Sector Methodological Document, Quantification of Emission Reductions or GHG Removals from REDD+ Projects, BCR0002, Version 3.1 of September 2022, the project corresponds to:

Sectoral scope: Agriculture, Forestry and Other Land Use (AFOLU).
AFOLU project category: Reduced Emissions from Deforestation and Degradation (REDD).
Activities: Reduction of emissions from deforestation.

1.2 Project start date

The project start date is 05/01/2018.

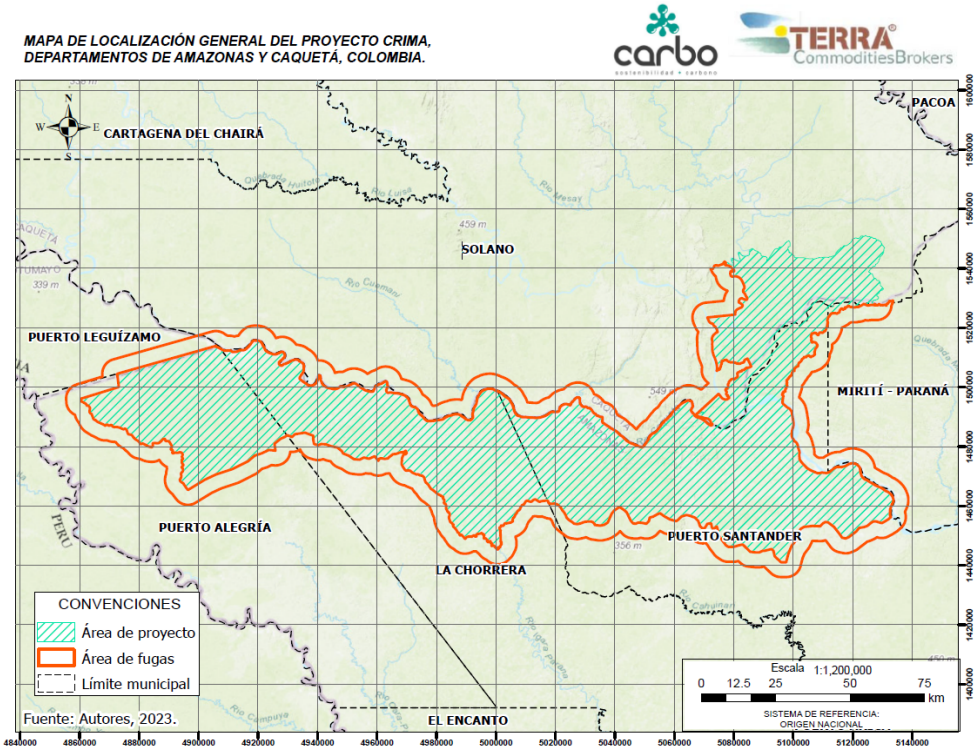
1.3 Project quantification period

The quantification period corresponds to the period between 05-January-2018 and 04-January-2048, for a 30-year period.

1.4 Project location and project boundaries

The project is located in the indigenous territories of the Andoque de Aduche Indigenous Reserve, in the municipality of Solano, department of Caquetá; and in the control and surveillance zones of Puerto Zábalo and Los Monos and Monochoa, which are part of the Great Putumayo Indigenous Reserve, in the municipalities of Puerto Santander, Puerto Alegría and La Chorrera, department of Amazonas. The total area of the Andoque de Aduche Indigenous Reserve is 188,466 hectares and the area of the control and surveillance zones within the Great Putumayo Indigenous Reserve is 830,195.6 hectares. The total area of these areas is 1,018,661.6 ha.

The project location is shown on the following map:

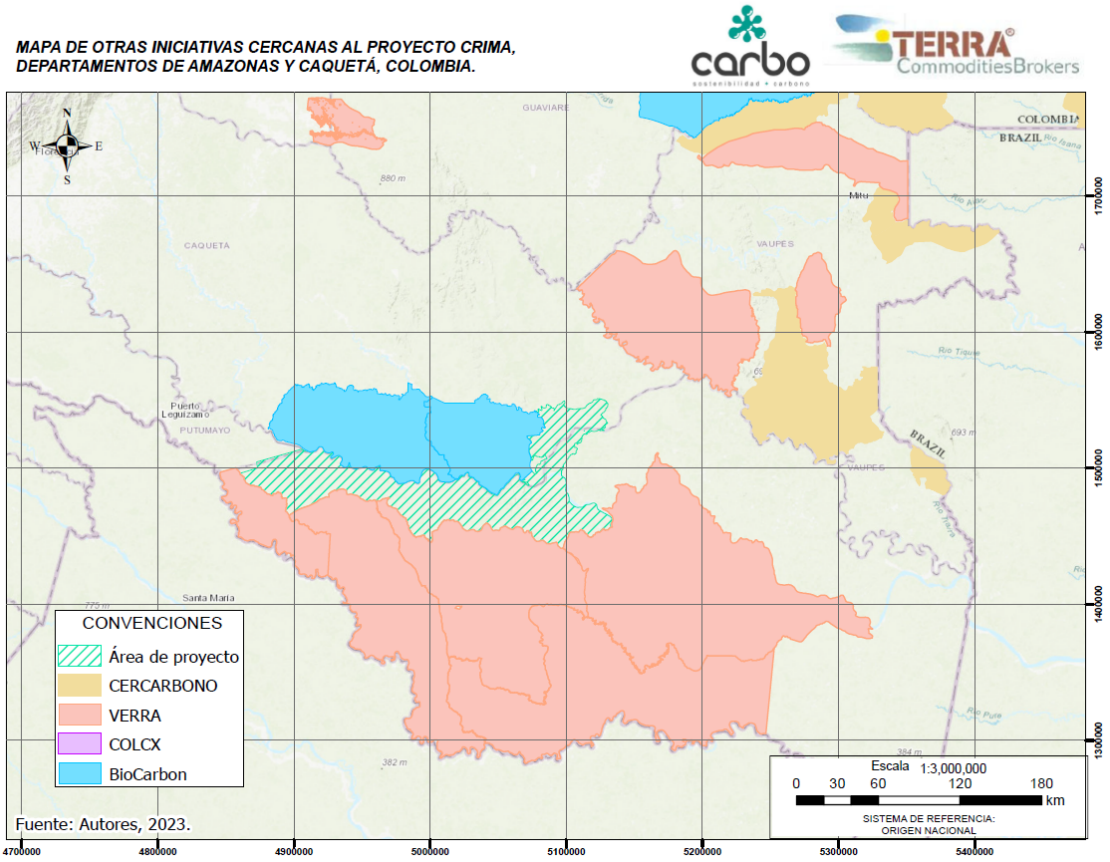


Map 1. Project boundaries location.

The project coordinates are presented in the table below:

	X	Y
North	071° 52' 59.15144834" W	00° 03' 48.94608001" S
South	072° 08' 17.10611485" W	01° 03' 31.67264649" S
East	071° 47' 53.57091340" W	00° 52' 06.40159500" S
West	074° 15' 16.60901572" W	00° 33' 37.66704748" S

In addition, the geographical information of other mitigation initiatives around the geographical area of the project are presented in the following map:



Map 2. Other mitigation initiatives around the geographical area of the project.

The coordinates of the project are presented as a KML in folder 3. Maps & GDB.

1.5 Summary Description of the Implementation Status of the Project

During the third monitoring period (01/10/2023 to 31/10/2024), the following activities framed in implementation strategy were executed on each Control and Surveillance Zones – CSZ:

Control and Surveillance Zones	Activities executed
CSZ of Puerto Zábalo y Los Monos	Sustainable productive activities: • Poultry • Chagras • Transportation boat • Mechanical workshop Social Investments: • Education subsidies • Adquisition of means of transportation • Traditional language teaching house Governance: • Elderly support • Ancestral knowledge strengthening • Construction of malocas • Capacity building Monitoring: • Expeditions • Permanent parcels establishment
CSZ of Monochoa	Sustainable productive activities: • Chagras • Transportation boat Social Investments: • Education subsidies • Health care – emergency assistance • Designing of a medical care protocol • Adquisition of means of transportation • Housing construction Governance: • Ancestral knowledge strengthening • Construction and improvement of malocas • Capacity building Monitoring: • Constitution of the monitoring team

Control and Surveillance Zones	Activities executed
	• Expeditions • Permanent parcels establishment
CSZ of Monochoa & IR Andoque de Aduche	Sustainable productive activities: • Poultry • Chagras • Supermarket Social Investments: • Education subsidies • Schools construction and improvement • Health care – emergency assistance Governance: • Traditional language • Traditional government Monitoring: • Expeditions • Permanent parcels establishment

A total of 1,551,218 tCO2e of GHG emissions from deforestation were avoided during the monitoring period.

2 Title, reference and version of the baseline and monitoring methodology(ies) applied to the project

The methodology applied to the project corresponds to BCR0002 Quantification of GHG Emissions Reductions REDD+ Projects, Version 3.0 (16/02/2022).

The following tools were applied by the project for this monitoring period:

- Safeguards REDD+, Version 1.1 (01/2023)
- Risk and Permanence, Version 1.0 (07/03/2023)
- No Net Harm, Version 1.0 (07/03/2023)
- Avoiding double counting, Version 1.0 (09/03/2023)
- SDGs tool (26/06/2023)

The Standard applied to this verification of the project corresponds to BioCarbon Standard, Version 2.0 (14/02/2022).

3 Double Counting and Participation under Other GHG Programs

The project is not registered under other GHG mitigation project certification programs.

Similarly, the project has no geographic or temporal overlap with jurisdictional REDD+ programs or other mitigation initiatives, as shown in Map 2. Finally, the project corresponds to an AFOLU sector initiative, so the results correspond to GHG-related metrics only.

4 Contribution to Sustainable Development Goals (SGD)

The monitoring of the activities executed within the framework of the project that contribute to compliance with the SDG was carried out based on the guidelines defined in section 13.4 of the validated PD. The SDG tool with the contributions report is presented in folder 9. BCR tools (see file SDG_CRIMA PP AA REDD+ tool_3rd verification_V1.xlsx).

In general, the project contributed to Sustainable Development Goals (SDGs) 1, 3, 4, 10, and 15 by enhancing living and economic conditions through access to subsidies, health and educational services, and forest conservation.

5 Compliance with Applicable Legislation

5.1 Forestry and climate change policy and regulatory framework

The actions implemented within the framework of the project are aligned with the objectives and goals of the national forest policy, especially regarding sustainable forest management and climate change mitigation and adaptation, as indicated below:

Law 164 of 1994 – ratifies the United Nations Framework Convention on Climate Change (UNFCCC): COP16 Decision 1 requested, in accordance with national circumstances, that Parties take measures to reduce emissions from deforestation and forest degradation, set aside forest reserves and promote sustainable forest management.

The project corresponds to a mitigation initiative that aims to reduce deforestation through the implementation of a sustainable strategy designed by the project's proponent communities, consolidated in the PDD (folder 1. Project Design Document).

During the monitoring period, a total of 1,551,218 tCO2e of GHG emissions were reduced from deforestation and forest degradation withing the project area.

CONPES Document 2834 of 1996 – Forest Policy: The country's forestry policy was adopted in 1996 and aims to achieve the sustainable use of forests to conserve forests, consolidate the incorporation of the forest sector into the national economy and improve the standard of living of the population. The guiding principles of the policy are as follows:

- Forests are one of the country's strategic resources, an integral part and support of biological diversity, so their management is a vital responsibility for the State, with the support of civil society.
- Sustainable forestry development is a joint and coordinated task of the State, the local community, and the private sector.
- The sustainable exploitation of forest resources is a strategy for forest conservation and requires an enabling environment for investment.
- Most of the country's forest areas are inhabited and the rights of local inhabitants must be respected.
- Planted forests and agroforestry systems play a fundamental role in the production of energy and industrial raw materials, the maintenance of ecological processes and the generation of employment, and also in the socio-economic development of the country, so they should be promoted.
- The national policy will be implemented at the regional level, taking into account the specific characteristics of each region.

Forest policy sets out the following specific objectives:

- Reducing deforestation through the coordination and reorientation of cross-sectoral policies.
- Promotion of reforestation and rehabilitation, and conservation of forests to restore degraded catchment areas and soils.
- Implementation and streamlining of administrative processes for the sustainable use of forests.
- Address the cultural, social and economic issues that lead to deforestation (FAO 2014).

The CRIMA Predio Putumayo y Andoque de Aduche REDD+ project is aligned with the Forest Policy formulated in 1996 as it consists of an initiative that aims to contribute to forest conservation and deforestation prevention. Similarly, among the actions carried out within the framework of the project’s implementation are the strengthening of governance and territorial monitoring. During the monitoring period, territorial monitoring activities were executed to prevent deforestation within the project area.

Finally, the project seeks to address the main causes of deforestation, which are mainly economically motivated. To this end, the project contemplates the development of profitable productive activities compatible with nature (sustainable productive activities component of the project’s strategy), which is expected to reduce the pressure on forests and guarantee the sustainability of the results obtained by the implementation of the project over time.

National Forestry Development Plan 2000: Consolidates a comprehensive vision of the conservation and sustainable use of forest ecosystems and resources, addressing aspects such as the protection and conservation of forest ecosystems, the development of communities and their respect for traditional and ancestral knowledge, and the use and conservation of forest ecosystems.

The project is articulated with the NFDP, especially with regard to the program for the management, conservation of forest ecosystems, and the subprogram for the *in situ conservation of* ecosystems and biodiversity, considering that it seeks to reduce deforestation and contribute to the conservation of the vegetation cover that constitutes the project area, and to strengthen the territorial planning and governance of the indigenous communities that owns the project.

A total loss of 2,672.40 ha of forest was avoided in the project area during the monitoring period. In addition, activities related to the traditional and ancestral knowledge such as self-government strengthening, recovery and improvement of traditional practices knowledge, support for the elderly, ancestral territory mapping, and malokas improvement were executed.

Law 1021 of 2006 – General Forestry Law: The CRIMA Predio Putumayo y Andoque de Aduche REDD+ project complies with the general principles and standards defined in this law, considering that it promotes the development of activities aimed at the conservation of ecosystems and the improvement of the living conditions of the members of the indigenous communities that are part of the project, in addition guarantees the right of indigenous communities to free decision-making as defined in the Political Constitution of Colombia.

National Plan for Adaptation to Climate Change (2016): It was designed to reduce the country's vulnerability and improve response to climate change threats and impacts. Objectives defined for adaptation to climate change include: (i) Managing knowledge about climate change and its potential impacts; (ii) Incorporate adaptation to climate change into environmental, territorial and sectoral planning; (iii) Promote the transformation of development for climate change resilience. (DNP, MinAmbiente, IDEAM, UNGRD, PNN, Insituyo Alexander Von Humboldt, 2016)

The CRIMA Predio Putumayo y Andoque de Aduche REDD+ project contributes to the fulfillment of the objectives defined in this plan since it promotes the socialization, dissemination, and appropriation of knowledge on impacts related to climate change. Likewise, it consists of an initiative that contributed to the climate change mitigation through the reduction of GHG emissions from deforestation (a total of 1,551,218 tCO2e).

Decree 926 of 2017: Establishes the procedure for the Non-Causation of the National Carbon Tax. Its purpose is to stimulate the formulation and implementation of mitigation initiatives that generate reductions or removals of GHG emissions in exchange for the non-causation of the tax.

In addition, it indicates the requirements of the projects that allow emission reductions. It also defines the characteristics that must be met by the relevant carbon methodologies and standards to be used for the non-causation of the tax, which must be recognized by the national government to be used in the REDD+ registry, a condition met by the project. In this case, the project complies with what is defined in the decree considering that it was developed using approved methodologies (BCR0002) and is registered in the BioCarbon Standard, which is recognized by the National Government.

Resolution 1447 of 2018: issued by the Ministry of Environment and Sustainable Development (MADS), regulates the monitoring, reporting and verification system of mitigation actions at the national level referred to in Article 175 of Law 1753 of 2015.

Article 39. Use of methodologies for the formulation and implementation of REDD+ projects. The project complies with the provisions of this article considering that the methodology selected for the development of the project follows the guidelines established by the UNFCCC regarding the REDD+ mechanism, has a mechanism for the management of the risk of leakage of GHG emissions, the risk of non-permanence of GHG reductions, and a mechanism for managing uncertainty in the quantification of baseline emissions and the mitigation initiative.

Article 41. Establishment of baselines for REDD+ Projects. The project meets this criterion as the methodological construction of the most recent Forest Reference Emission Level (FREL) applicable to the project was carried out for the definition of the project baseline, which was previously validated.

Article 43. Additionality criteria in REDD+ Projects. The project complies with the additionality criteria set out in this article, considering that it represents a net benefit to the atmosphere. In addition, GHG reductions are not the result of impact compensation activities for projects, or for the development of preservation and restoration activities in strategic areas and ecosystems for which payments for environmental services for GHG reduction and capture are in course, as defined in Decree 1076 of 2015.

Decree 632 of 2018: dictates the fiscal regulations and other necessary measures to set up the indigenous territories located in non-municipalized areas of the departments of Amazonas, Guainía, and Vaupés. According to the indications provided in Article 4, the operation of indigenous territories located in the non-municipalized areas of the Amazonas department will be primarily oriented by their customs, traditions, and their

own systems of regulation, as well as the current Colombian legislation, for the development of the constitutional principles of unitary republic, autonomy of territorial entities, democratic pluralism, citizen and collective participation, cultural and territorial integrity of Indigenous Peoples, and the prevalence of the general interest, as defined within the framework of the project implementation.

Likewise, the project complies with what is defined in the principles related to the article 4, considering that it aims to promote adequate environmental and social development that guarantees suitable living conditions for the members of the project communities. It also ensures and strengthens the prevalence of indigenous knowledge systems for the use, management, and planning of their territories, respecting the cultural particularities and cosmogony of each people, and affirms the right to self-determination of indigenous peoples, as evidenced in the implementation of projects associated with the governance component.

It is pertinent to indicate that the application of this decree is voluntary according to item 10 of Article 4. However, the territorial boundaries of the indigenous territory correspond to those issued by the National Land Agency and adopted by the Ministry of the Interior, which are legally recognized by the Government of Colombia. Additionally, historically, agreements have been established by traditional authorities in respect and harmony with neighboring communities within the territory covered by the project. These dialogues have taken place at different times, some of which correspond to those conducted at the beginning of the project with the organization Association of Traditional Authorities and Councils of the Murui, Muinane, Coreguaje, and Nasa Indigenous Peoples of the Municipality of Leguizamo and Puerto Asís, Resguardo Predio Putumayo (ACILAPP) and the Association of Traditional Authorities Regional Indigenous Council of the Middle Amazon (CRIMA), where the limits of the REDD+ projects of each association are established and accepted, and where the requested subtraction was made to establish the project's polygon.

National Development Plan 2018-2022: Pact for Sustainability: Seeks a balance between productive development and environmental conservation. The CRIMA Predio Putumayo y Andoque de Aduche REDD+ project contributes to the achievement of the goals defined in the theme of Forest, Biodiversity and Ecosystem Services, to the extent that it seeks to reduce the trend of growth in deforestation. In addition, the project responds to a mitigation action, so it is also articulated with the climate change and risk management component.

Proposed reference level of Colombia's forest emissions from deforestation for payment payment for REDD+ results under the 2019 UNFCCC and the last submission on 2024: presents the benchmarks to assess Colombia's performance in the implementation of REDD+ activities. The proposal presents the reference levels by biome (Amazon, Andes,

Caribbean, Orinoco and Pacific). The project carried out the methodological reconstruction and uses the percentage of increase of deforestation due to national circumstances for the estimation of the baseline in each of the monitored years; it also used the emission factors defined in the FREL for the estimation of emissions reduction.

CONPES Document 4021 of 2020 – National Policy for the Control of Deforestation and Sustainable Management of Forests (EICDGB): The project is aligned with the objective of the policy, considering that it seeks to control deforestation and contributed to the conservation of forests during the monitoring period.

The CRIMA Predio Putumayo y Andoque de Aduche REDD+ project contributed to the fulfillment of the goals and principles of the EICDGB, considering that the actions defined and framed in the *Territorial Governance* component that comprises the intervention were aligned with the line of action of sociocultural management of forests, particularly in governance in ethnic territories, to the extent that it promotes the strengthening of self-government systems for territorial and forest governance. Similarly, the *Monitoring* component was also articulated with the strategy defined in the EICBD, considering that it allowed the development of immediate response actions and promoted the monitoring of compliance with environmental and social safeguards.

The project also complies with the Monitoring, Reporting and Verification System defined in the EICDGB since it uses data and information from official and national sources of IDEAM and IGAC, such as the Forest and Carbon Monitoring System (SMByC).

National REDD+ Strategy: Defines REDD+ policies and measures that will reduce GHG emissions associated with the forest sector. It outlines the "roadmap" that sets out the activities that can be done, how they can be done, and the financial resources required. It is part of the actions on Climate Change contemplated in the National Development Plan 2018-2022.

Nationally Determined Contributions (NDCs), (2020): Colombia updated the Nationally Determined Contribution (NDC) at the end of 2020, the goal of reducing projected emissions by 51% by 2030. Much of Colombia's forests are in indigenous reserves and their preservation depends on the defense of ways of life appropriate to the territory (Government of Colombia, 2020). The project promotes the active participation of these focus groups, contributing directly to the country's goal of reducing the annual rate of deforestation and emission of GHG.

Law 2169 of 2021 – Climate Action Law: Promotes Colombia's low-carbon development by establishing minimum goals and measures in terms of carbon neutrality and climate resilience. The project was articulated during the monitoring period with this law since in *Article 3. Pillars of the transition to carbon neutrality, climate resilience and low-carbon*

development are defined as the development of actions to be taken in the field of climate change that contribute to food security (chagras), and the adoption of measures that promote environmental protection (territorial monitoring and management). Likewise, it sets emission reduction targets (equivalent to those defined in the NDCs), with which the general objective of the project is aligned.

Law 2294 of 2023 – National Development Plan 2022-2026: The project complies with the Article 230 as it adopts the provisions regarding the social and environmental safeguards defined by the United Nations Framework Convention on Climate Change – UNFCCC and adopted by the country through its National Interpretation of Social and Environmental Safeguards. The project has had Free, Prior and Informed Consent since its formulation and also during its implementation, considering that it is the indigenous communities who are the owners of the initiative.

Within this understanding, the project is also aligned with the following transformation axes of the NDP:

- Human security and social justice: through the implementation, the project has allowed the improvement of living conditions in the territory due to investments made from the planning agreed upon in assemblies and executed by the REDD+ Committee.
- Human right to food: the resources allow maintaining food security and sovereignty, considering that the project has allowed strengthening traditional practices and achieving adequate transmission of practices to the new generations of communities, which allows social and territorial organizational strengthening.

Considering what is established in Article 232, paragraph 2 of Law 2294 of 2023, the compliance matrix for the national interpretation of social and environmental safeguards corresponding to the third monitoring period of the project is presented in folder 7. Legal compliance, file Matriz Interpretación Nacional de Salvaguardas_CRIMA PP y AA REDD_2024.xlsx.

5.2 Ethnically Differentiated Communities

In addition, regarding ethnically differentiated communities (indigenous communities), the following is the analysis of regulatory compliance:

Constitution of 1991. Article 63: Assets for public use, natural parks, communal lands of ethnic groups, reservation lands, the archaeological heritage of the nation and other assets determined by law are inalienable, imprescriptible and non-seizable.

The CRIMA Predio Putumayo y Andoque de Aduche REDD+ project complies with the provisions of this article, considering that it does not modify the form of tenure of the territory of the indigenous reserve and communities that own the initiative, so that the condition of being inalienable, imprescriptible and non-seizable is maintained, in accordance with the land tenure resolutions (folder 7. Legal compliance).

Act No. 21 of 1993: Approving Convention No. 169 concerning Indigenous and Tribal Peoples in Independent Countries, adopted by the 76th Session of the General Conference of the International Labor Organization, Geneva 1989. Its purpose is to establish mechanisms for the protection of the cultural identity, human rights and other rights of the indigenous communities of Colombia as an ethnic group, and the promotion of their economic and social development that makes it possible to eliminate differences, in order to ensure that these communities obtain real conditions of equal opportunities vis-à-vis the rest of the national community. It also seeks to guarantee the right of peoples to decide on their priorities, improve their living conditions, work, health and education, and preserve their own customs and institutions, among other provisions.

The CRIMA Predio Putumayo y Andoque de Aduche REDD+ project complies with the provisions of Law 21 of 1993, considering that it respects the traditional practices of the members of the indigenous communities that make up the project considering that are the communities the one that designed the REDD+ strategy (which was approved by the General Assembly), and defined the activities executed during the monitoring period. In the same way, it does not violate the right to collective property since it does not modify the form of land tenure (folder 7. Legal compliance). Finally, it promotes the strengthening and protection of cultural identity through actions framed in the governance component, and social and economic development through the implementation of the component of productive activities and social investment (folder 6. Activities).

Decree 1386 of 1994: Establishes that the internal authorities of the indigenous reservation exercise control over the administration of resources, in accordance with their uses and customs, a condition that has been fulfilled by the project since the full and effective participation of the members of the indigenous communities in decision-making spaces for prioritization of activities, use of resources derived from the commercialization of Verified Carbon Credits, among others has been guaranteed.

Decree 2164 of 1995: Consolidates the land regulations for indigenous communities and establishes that the areas that are constituted as indigenous reserves will be managed and administered by the respective cabildos or traditional authorities of the communities, in accordance with their uses and customs.

Regarding the conditions of management and administration of the territories, the project respects the management and administration of the councils of the indigenous communities, which has participated actively in the framework of the development of the workshops, and in the design and implementation of the REDD+ project.

Resolution 030 of April 6, 1988, Resolution 057 of September 4, 1989 (issued by INCORA) and Agreement 105 of March 29, 2007 (issued by INCODER): Conferring the legal status of protection on a globe of vacant land of the territory denominated Predio Putumayo, conferring the figure of Control and Surveillance Zone and extension of the territory of the Great Indigenous Reserve of Predio Putumayo. The project complies with the provisions of the third article, considering that the condition of being a collective, inalienable, imprescriptible and non-seizable territory is maintained.

Resolution 033 of April 6, 1988 (issued by INCORA), Agreement 30 of December 15, 2004 (issued by INCODER), Resolution 677 of April 17, 2006 (issued by Ministry of Environment, Housing and Territorial Development) and Agreement 040 of December 4, 2020 (issued by Ministry of Agriculture and Rural Development): Conferring the legal status of protection on land of the territory in benefit of the Andoke indigenous community of the paraje Aduche in the municipality of Solano (Caquetá), and the extension of the territory of the Andoque de Aduche Indigenous Reserve. The project complies with the provisions of the third article, considering that the condition of being a collective, inalienable, imprescriptible and non-seizable territory is maintained.

5.3 Environmental permits

No environmental permits or environmental licensing were required during the monitoring period.

6 Climate change adaptation

In accordance with the section 11.8 of the BCR Standard (Version 3.4 of 2024), the project links mitigation and adaptation to climate change, aiming to reduce GHG emission reduction and increase resilience to current and future impacts associated to climate change and climate variability. For this, the project has carried out the following actions during the monitoring period:

a) Consider one or more of the strategic lines proposed in the National Climate Change Policies and/or focuses aspects outlined in the regulations of the country where the project is implemented.

- The project considered the National Climate Change Policies, under the following strategic lines:

i) Territorial Strategies
   - Action line 1: The project of chagras (traditional production systems) promoted production systems to improve food security, especially in vulnerable areas (folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productive; 6. Activities/ZCV Monochoa/Chagras – Productivo).
   - Action line 2: Promoted comprehensive actions in the chagras that helped the efficient use of the soil, and the conservation of the existing natural covers, reduction of deforestation, and reduced vulnerability to climate change (folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productive; 6. Activities/ZCV Monochoa/Chagras – Productivo).
   - Action line 4: Promoted the maintenance of forest carbon stocks, and the closure of the agricultural frontier (folder 3. Maps & GDB)

ii) Management and conservation of ecosystems and their ecosystem services for low-carbon and climate-resilient development
   - Action line 1: During the monitoring period, the project promoted the conservation of terrestrial ecosystems that provided environmental services that strengthen the adaptation of socio-economic systems to climate change (folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productive; 6. Activities/ZCV Monochoa/Chagras – Productivo).
   - Action line 3: Incorporated management and conservation actions for ecosystems and their services in territorial planning such as surveillance routes within project area (folder 6. Activities/ZCV Puerto Zábalo a Belén /Monitoreo; 6. Activities/ZCV Monochoa/Monitoreo; 6. Activities/ZCV Andoque/Monitoreo; 6. Activities/Informe Monitoreo Verificacion 2024).
   - Action line 4: During the monitoring period, the project strengthened the forest governance to prevent deforestation through workshops and surveillance routes (folder 6. Activities/ZCV Puerto Zábalo a Belén /Monitoreo; 6. Activities/ZCV Monochoa/Monitoreo; 6. Activities/ZCV Andoque/Monitoreo; 6. Activities/Informe Monitoreo Verificacion 2024).

b) The project has improved the conditions for the conservation of biodiversity and its ecosystem services, considering that it has allowed the conservation of natural forest cover and, therefore, of biological corridors in an area of high biodiversity. During monitoring period, the deforestation of 2,672.40 ha was avoided within the project area due to the implementation of the project activities (folder 3. Maps & GDB).

e) Designed and implemented adaptation strategies based on an ecosystem approach consistent with preservation of forest covers and included the participation of community members for monitoring of the project area, as well as the establishment of parcels to identify species and biological biodiversity (folder 6. Activities/ZCV Puerto Zábalo a Belén /Monitoreo; 6. Activities/ZCV Monochoa/Monitoreo; 6. Activities/ZCV Andoque/Monitoreo; 6. Activities/Informe Monitoreo Verificacion 2024).

In addition, considering that the project corresponds to the AFOLU sector, the project developed actions to adapt to climate change, such as:

b) Integrated actions that assist in the efficient use of soil, including the conservation of existing natural covers and family farming (project of chagras) reducing vulnerability to climate change (folder 6. Activities/ZCV Puerto Zábalo a Belén /Monitoreo; 6. Activities/ZCV Monochoa/Monitoreo; 6. Activities/ZCV Andoque/Monitoreo; 6. Activities/Informe Monitoreo Verificacion 2024; 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productive; 6. Activities/ZCV Monochoa/Chagras – Productivo).

7 Carbon ownership and rights

Carbon ownership and rights are linked to land tenure rights, considering that the project is carried out in the territory of the Great Putumayo Indigenous Reserve (legally recognized by Resolution 030 of April 6, 1988, issued by INCORA) and its Control and Surveillance Zones (established by Resolution 057 of September 4, 1989, issued by INCORA) and the Andoque de Aduche Indigenous Reserve (legally recognized by Resolution 033 of April 6, 1988, issued by INCORA).

Given that the project proponents are the communities that make up the CSZ, Yauto SAS, CARBO Sostenible SAS, Terra Commodities SAS and VISSO SAS, distribution agreements were signed and ratified by the parties (see folder 8. Confidential documentation).

8 Environmental Aspects

The project activities did not cause any net-harm to the environment during the monitoring period (folder 8. Herramientas BCR, file BCR_SDS tool_CRIMA PP y AA REDD+_V1.pdf).

9 Socioeconomic Aspects

The project activities did not cause any net-harm to the local communities and society in general during the monitoring period (folder 8. Herramientas BCR, file BCR_SDS tool_CRIMA PP y AA REDD+_V1.pdf).

10 Stakeholders' Consultation

The project implementation has been based on continuous exchanges of the strategy of the REDD+ project with the communities' proponent of the project. Participatory spaces have been held in the Indigenous Reserves with representatives and community

members. Similarly, during the implementation of the project, budgetary control is foreseen to ensure that investments are made in accordance with the objectives of the project, ensuring transparent processes agreed between project proponents. All fundamental decisions regarding the development and implementation of the REDD+ project have been taken and ratified in General Assemblies and workshops (folder 5. Participatory spaces).

Meeting	Date	Topics addressed
CSZ Puerto Zabalo y Los Monos		
General Assembly	27/01/2024 to 01/02/2024	• Project implementation planning • Report on projects implemented by component • Approval of projects to be implemented by component (e.g. self-government strengthening, elderly support, trainings, support for students, internet, health emergencies, productive activities, monitoring) • Ratification of the REDD+ Committee members
General Assembly	04/03/2024 to 06/03/2024	• Ratification of Free, Prior and Informed Consent • REDD+ projects national context • Project implementation accountability • Activity planning • Analysis and presentation of the results of the projects carried out by each component • Project prioritization • Approval of resources for project implementation
General Assembly	08/09/2024 to 11/09/2024	• Expenditure report of executed projects • Reports on the projects implemented by each pillar • Approval of projects and budget
CSZ Monochoa		
General Assembly (Chukik+ and Guaymaraya Communities)	01/03/2024 to 04/03/2024	• Committee REDD+ evaluation • Ratification of Free, Prior and Informed Consent • REDD+ projects national context • Project implementation accountability • Activity planning • Project prioritization by component
General Assembly (Monochoa and Amenan+ Communities)	03/03/2024	• Ratification of Free, Prior and Informed Consent • National context of REDD+ projects • Review of monitoring plan

Meeting	Date	Topics addressed
		• Accountability of project implementation • Analysis and presentation of results of implemented projects • Approval of new projects
General Assembly	23/09/2024 to 24/09/2024	• Monitoring of project results • Presentation of projects by component and recommendations to proceed with the implementation • REDD+ Committee evaluation • Accountability • Project planning
CSZ Andoque		
General Assembly	28/02/2024 to /02/2024	• National context of REDD+ projects • Ratification of Free, Prior and Informed Consent • General accountability • Report of the Committee REDD+ activities • Analysis and presentation of results of implemented projects • Project prioritization by component • Approval of new projects and budgets for investments

11 REDD+ Safeguards

The safeguards are measures aimed at preventing the harm of fundamental social, economic, or environmental rights and the occurrence of negative impacts from the design and implementation of REDD+ activities. It also includes measures to improve the obtainment and distribution of benefits generated by REDD+ activities.

In the REDD+ project, these safeguards were assessed and monitored under the REDD+ Safeguards Tool, Version 1.1 (26/01/2023). In addition, to comply with the article 230 of the National development Plan 2022-2026, the monitoring of the national interpretation of the safeguards is presented in folder 7. Legal compliance.

11.1 Safeguard 1

"That actions complement or are consistent with the objectives of national forest programs and relevant international conventions and agreements."

The actions implemented during the monitoring period complement and are consistent with the objectives of national forest programs and relevant international conventions and agreements (refer to section 5 Compliance with Applicable Legislation).

11.2 Safeguard 2

"Transparent and effective national forest governance structures, taking into account national legislation and sovereignty.

Provide transparent and consistent information that is accessible by all relevant stakeholders and updated on a regular basis.

Be transparent and flexible to allow for improvements over time."

Within the framework of the development of the project, participatory spaces, such as General Assemblies, Implementation Assemblies and workshops were held with the attendance of the members and representatives of the communities' proponents of the project. The General Assemblies, Implementation Assemblies and participatory workshops were developed using appropriate communication and language mechanisms to ensure the understanding of the project information by the participants, and didactic material was also used to facilitate the appropriation of the project information by all members of the community.

During the third monitoring period, consultation and decision-making spaces were held with representation from members of all the communities, as supported by the evidence available in folder 5. Participatory spaces. During these sessions, the investments to be made with the resources from the sale of CCV during the third monitoring period were defined and approved, and the accountability was also presented, indicating the amounts invested and in what they were invested.

In addition, the project documents were sent to the community leaders. The project design document and the mandate contract were approved and ratified by the highest decision-making body of the indigenous reservations and their representatives (folder 8. Confidential documentation).

Finally, the process for the management of Petitions, Complaints and Claims is consolidated in the Project Design Document. Similarly, the project has a person in charge of the management of the PCCs in the REDD+ Committee (see folder 11. QC-QA), this mechanism was socialized during the general assemblies for the approval and execution of the project. During the monitoring period no requests were made.

11.3 Safeguard 3

"Respect for the knowledge and rights of indigenous peoples and members of local communities, by taking into account relevant international obligations, national circumstances and laws, and noting that the United Nations General Assembly has adopted the United Nations Declaration on the Rights of Indigenous Peoples"

The project's activities were defined and prioritized by the communities of the indigenous reserves. In this way, respect for governance structures, rights, identified needs and the approach defined by its members was guaranteed. During General Assemblies, Implementation Assemblies and workshops, social mapping products were developed to identify and locate the communities that would participate in the development and implementation of the project, and that would benefit from the activities carried out (evidence provided for the project's validation).

Among the activities defined during the workshops, priority was given to the strengthening of governance, cultural identity and traditional agricultural production practices, as well as monitoring activities in support of territorial control. These activities are closely linked to the protection and recognition of culture, self-government and traditions. Among the evidence provided are the minutes, attendance lists and photographic records of the General Assemblies, Implementation Assemblies and Participatory Spaces (see folder 5. Participatory spaces), as well as the evidence of all the actions carried out during the monitoring period (see folder 6. Activities). It is important to emphasize that it was verified that the actions defined within the framework of the project were articulated with the community plans of the reserve, in this case the Environmental Plans and the Huitoto Araracuara Safeguarding Plan (see folder 10. Documents of interest).

11.4 Safeguard 4

"The full and effective participation of relevant stakeholders, in particular indigenous peoples and local communities, in the actions referred to in paragraphs 70 and 72 of this decision."

The project, during the pre-feasibility, development and implementation phases, has involved all representatives of the indigenous reserves, community leaders and community members in the participation process for the formulation and implementation of the project, considering the applicable regulations and the organizational and governance structure of each of the indigenous reservations. The design of the intervention responds to the activities prioritized by the indigenous reserves which was

framed in four main components, territorial governance, development of sustainable productive activities, social investment and forest monitoring.

The participation of community members in the design of the project was evidenced by the attendance lists of the REDD+ project formulation workshops. Similarly, the final approval of the project took place in General Assemblies of the indigenous reserves, which is the highest decision-making body. During the monitoring period, General Assemblies and implementation workshops for decision-making were held with the participation of members of all communities of the indigenous reserves (see folder 5. Participatory spaces).

11.5 Safeguard 5

"That actions are consistent with the conservation of natural forests and biological diversity, ensuring that those referred to in paragraph 70 of this decision are not used for conversion of natural forests, but are instead used to incentivize the protection and conservation of forests and their ecosystem services, and to enhance other social and environmental benefits."

The project aims to conserve forests and reduce greenhouse gas emissions from deforestation. Within the activities of the project, the establishment of productive activities includes the adoption of management measures that allow the conservation and promotion of biological connectivity, it was also agreed that these activities will be carried out in areas previously intervened in order to guarantee that the execution of the project does not result in changes in the vegetation cover.

The intervention strategy also covers other areas such as the preparation/updating of the Life Plan, preparation and/or updating of the Land Use Plan and the Environmental Management Plan, training in deforestation control and consolidation of forest protection families. These activities are aimed at protecting the forests of the territories and making efficient use of natural resources, as well as avoiding practices that pollute the soil or water sources.

Additionally, as part of the actions that were carried out during the monitoring period, cartographic products and analysis of maps and images were developed that allowed the determination of the area of stable forest in the project area (see folder 3. Maps & GDB). Likewise, the community members carried out territorial monitoring activities, such as monitoring routes (see folder 6. Activities).

The project does not require licensing, nor does it require applications for permits or authorizations for its execution.

11.6 Safeguard 6

"Actions to address the risks of reversals."

The first measure to address the risks of reversion consists of strengthening territorial control and management by indigenous reservations. Considering that the communities are committed to the implementation of the project and intend to maintain the necessary actions to guarantee the protection of their territory and culture over time, it is expected that the intervention will reduce and manage the risk of reversal and guarantee the sustainability of the results over time.

However, in order to mitigate the risk of project reversal and to comply with the requirements of the Permanence and Risk Management BCR Tool, version 1.1 of 2024, considering that the project corresponds to the AFOLU sector, the registry platform (Global CarbonTrace) applies a discount of 20% of the total quantified GHG reductions for each verification period (this discount is applied automatically by the registry platform) to ensure that there is a buffer of VCUs that can offset the emissions that may occur if the risk materializes.

11.7 Safeguard 7

"Actions to reduce displacement of emissions."

The project defined a leakage area that recognizes the dynamics of mobilization of deforestation agents and monitoring mechanisms were established for the permanence of the project, as well as the forest cover associated with the spatial limits defined for the project. In addition, the project includes the development of activities aimed at strengthening capacities to improve forest monitoring and surveillance, which are also complemented by the social control exercised by community members.

Actions aimed at managing and controlling the displacement of emissions involve the full and effective participation of the community during the design and implementation of the project. The project-defined leak management and monitoring is based on the following elements:

- Monitor the forest cover present in the leakage area
- Train and carry out territorial monitoring routes by the members that make up the project's monitoring group
- Involve community members in the productive activities of the project, to reduce the need to participate in deforestation processes inside and outside the project’s territory

- Articulate territorial planning exercises, sectoral regulatory framework, and carry out control and surveillance actions as appropriate

During the monitoring period, no displacement of emissions occurred since the deforestation that occurred in the leakage area was lower than the estimated in the baseline scenario (see folders 3. Maps & GDB, and 4. Calculations).

12 Special categories, related to co-benefits

The project does not apply to special categories.

13 Implementation of the project

13.1 Implementation status of the project

The implementation status presented below corresponds to the period from the project start date, until the end of this monitoring period. It is important to highlight that, in accordance with the BCR MRV Tool, Version 1.0 (12/02/2023), the quantification period of the project is 30 years and that monitoring, measuring and reporting or the project activities and emissions reduction has been conducted during the project quantification period and verifications have been carried out with a 1-year-period difference.

Date	Milestone(s) in the project's development and implementation
05/01/2018	Project start date
05/01/2018 – 31/12/2021	Beginning of activities implementation First monitoring period
2022	Validation and verification
14/10/2022	Validation and verification approval Project registry under certification program
01/01/2022 – 30/09/2023	Investment for the development of REDD+ activities Activities implementation Second monitoring period
2024	2nd Verification
01/10/2023 – 31/10/2024	Investment for the development of REDD+ activities Activities implementation Third monitoring period
2025	3rd Verification

Within the REDD+ activities, forest cover monitoring is one of the main performance indicators of the project. During the monitoring period, changes in forest cover were verified, as well as the implementation of REDD+ activities, which were defined to comprehensively address the problem of deforestation and strengthen the community initiative to protect their territory.

The conservation activities voluntarily implemented by the communities are an integral part of the project implementation. These activities are the result of the community's expressed interest in participating in carbon markets, accessing the economic benefits of these markets, and achieving results that demonstrate the community's commitment.

While the REDD+ strategy has made significant progress over the implementation years, showing progress in the execution of 14 out of 15 activities, one remains inactive to date (A-12). This delay does not indicate a lack of commitment but rather reflects the decision-making process of the community as outlined in its self-governance structure. The General Assembly, as the highest decision-making body, ensures that project activities are aligned with the priorities of each community and are implemented at their discretion.

In addition, some of the indicators defined to show progress in the implementation of activities were not reported during the monitoring period because of the nature of the activities carried out, or because it was not necessary to carry out actions that would allow to show progress in an indicator (i.e. EMP elaboration and/or update), or because the indicator represents the final product or result expected to be obtained with the implementation of the activity (in the medium and long term). The indicators that showed implementation progress during the second monitoring period are presented below:

Activity ID	A-2
Indicator ID	A-2.1
Indicator name	Identified or developed prioritized business plans
Type	Result
Goal	Design and prioritize activities to be carried out in a participatory manner.
SDG compliance	SDG1 (Productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (reduction of emissions), SDG15 (protection of forest habitat),
Measurement unit	Number of business plans
Monitoring methodology	For the measurement and reporting of this indicator, compliance or not with the identification of priority productive activities is considered and identified or designed business plans are counted and reported.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 5 activities **SCZ Monochoa:** 1 activity **SCZ Andoque:** 1 activity

Documents to support the information	Minutes of the meetings: Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf, ZCV Andoque_Asamblea_marzo2024.pdf
Observations	

Activity ID	A-2
Indicator ID	A-2.5
Indicator name	Productive activities under implementation
Type	Result
Goal	Prioritized productive activities under implementation
SDG compliance	SDG1 (Productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (reduction of emissions), SDG15 (protection of forest habitat),
Measurement unit	Number of productive activities under implementation
Monitoring methodology	For the measurement and reporting of this indicator, the number of productive activities under implementation should be count.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 4 activities **SCZ Monochoa:** 2 activities **SCZ Andoque:** 3 productive activities
Documents to support the information	Photographic record and/or videos: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Aves – productivo/Registro fotográfico y audiovisual • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Bote de transporte – productivo/Registro fotográfico y audiovisual • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Taller de mecánica – productivo/Registro fotográfico y audiovisual **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo/Informes en fotos • Folder 6. Activities/ZCV Monochoa/Línea de transporte de carga – productivo/Registro fotográfico y audiovisual **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Avícola – productivo/Registro fotográfico y audiovisual • Folder 6. Activities/ZCV Andoque/Chagras – productivo/Registro fotográfico y audiovisual Activity reports: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Aves – productivo • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Bote de transporte – productivo • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productivo

	• Folder 6. Activities/ZCV Puerto Zábalo a Belén/Taller de mecánica – productivo **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Avícola - productivo • Folder 6. Activities/ZCV Andoque/Chagras – productivo • Folder 6. Activities/ZCV Andoque/Supermercado - productivo Support for the purchase of goods or services: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Bote de transporte – productivo, file Informe técnico línea de transporte tinuima.pdf **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Línea de transporte de carga – productivo, file DISTRIMOTORES DE COLOMBIA S.A.S. FE11360.pdf
Observations	**SCZ Puerto Zábalo y Los Monos:** chagras, poultry hatchery, mechanical workshop, transport line **SCZ Monochoa:** chagras and freight forwarding line **SCZ Andoque:** chagras, poultry hatchery, supermarket

Activity ID	A-3
Indicator ID	A-3.1
Indicator name	Training sessions carried out for improving management of prioritized production systems
Type	Result
Goal	Participation of all community members involved in the project activity in training sessions to strengthen the community's management capacities
SDG compliance	SDG1 (Productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (reduction of emissions), SDG15 (protection of forest habitat avoiding deforestation),
Measurement unit	Number of training sessions
Monitoring methodology	For the measurement and reporting of this indicator a record of the training sessions carried out will be taken and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Monochoa:** 1 training session
Documents to support the information	Meeting minutes: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo, file Encuentro chagreras.pdf
Observations	

Activity ID	A-3
Indicator ID	A-3.2
Indicator name	People attending training sessions
Type	Result

Goal	All the people involved in the development of productive systems participate in training sessions.
SDG compliance	SDG1 (Productive projects), SDG2 (productive projects), SDG8 (productive projects), SDG13 (reduction of emissions), SDG15 (protection of forest habitat avoiding deforestation),
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of people attending training sessions will be taken and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Monochoa:** 71 women
Documents to support the information	Meeting minutes: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo, file Encuentro chagreras.pdf
Observations	

Activity ID	A-3
Indicator ID	A-3.3
Indicator name	Women attending workshops for identification and prioritization of the required investments in productive systems
Type	Result
Goal	All the women involved in the development of productive systems participate in training sessions.
SDG compliance	SDG1 (Productive projects), SDG2 (productive projects), SDG5 (women participation), SDG8 (productive projects), SDG13 (reduction of emissions), SDG15 (protection of forest habitat avoiding deforestation),
Measurement unit	Number of women
Monitoring methodology	For the measurement and reporting of this indicator a record of women attending training sessions will be taken and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Monochoa:** 71 women
Documents to support the information	Meeting minutes: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo, file Encuentro chagreras.pdf
Observations	

Activity ID	A-4
Indicator ID	A-4.2
Indicator name	People involved in the productive activities
Type	Result
Goal	Community members are involved in the productive activities. This project

	activity generates employment opportunities
SDG compliance	SDG1 (employment), SDG2 (employment), SDG8 (employment), SDG13 (reduction of emissions), SDG15 (protection of forest habitat),
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator, the number of people involved in the project's activities is reported.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Chagras: 39 women **SCZ Monochoa:** • Chagras: 71 women **SCZ Andoque:** • Chagras: 77 families • Poultry: 10 people
Documents to support the information	Meeting minutes: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productivo, file Informe chagra.pdf **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo, file Encuentro chagreras.pdf Project profile: **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Chagras – Productivo, file Chagras Andoque.pdf • Folder 6. Activities/ZCV Andoque/Avícola – productivo, file Proyecto Avicola 2024.pdf
Observations	

Activity ID	A-4
Indicator ID	A-4.3
Indicator name	Women involved in the productive activities
Type	Result
Goal	Women are involved in the productive activities. This project activity generates employment opportunities
SDG compliance	SDG1 (employment), SDG2 (employment), SDG5 (women participation), SDG8 (employment), SDG13 (reduction of emissions), SDG15 (protection of forest habitat),
Measurement unit	Number of women
Monitoring methodology	For the measurement and reporting of this indicator, the number of women involved in the project's activities is reported.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Chagras: 39 women

	SCZ Monochoa: • Chagras: 71 women **SCZ Andoque:** • Chagras: 77 families • Poultry: 6 women
Documents to support the information	Activity reports: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productivo, file Informe chagra.pdf Meeting minutes: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo, file Encuentro chagreras.pdf Project profile: **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Chagras – Productivo, file Chagras Andoque.pdf • Folder 6. Activities/ZCV Andoque/Avícola – productivo, file Proyecto Avicola 2024.pdf
Observations	

Activity ID	A-4
Indicator ID	A-4.7
Indicator name	Controls or maintenance performed
Type	Result
Goal	The production systems or equipment receive the required controls or maintenance.
SDG compliance	SDG1 (Productive projects), SDG2 (productive projects), SDG8 (productive projects)
Measurement unit	Number of controls or maintenance actions
Monitoring methodology	Records are kept and maintenance or control activities on equipment or production systems are quantified.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zabalo y Los Monos:** 4 control and maintenance activities performed.
Documents to support the information	Activity reports: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productivo, file Informe chagra.pdf
Observations	

Activity ID	A-5
Indicator ID	A-5.1
Indicator name	People who participate in meetings or workshops on social investment

	issues
Type	Result
Goal	The processes of identification and prioritization of social investment are carried out in a participatory manner.
SDG compliance	SDG1 (social investment), SDG3 (investment in health), SDG4 (investment in education), SDG6 (investment in water and sanitation9, SDG11 (investment in housing), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of people attending meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Assembly – sep/2023: 64 people **SCZ Monochoa:** • Assembly – sep/2023: 124 people
Documents to support the information	Attendance lists for the workshops and meetings convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf Minutes of the meetings and workshops convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf
Observations	

Activity ID	A-5
Indicator ID	A-5.2
Indicator name	Women who participate in meetings or workshops on social investment issues
Type	Result
Goal	The processes of identification and prioritization of social investment are carried out in a participatory manner.
SDG compliance	SDG1 (social investment), SDG3 (investment in health), SDG4 (investment in education), SDG5 (women participation), SDG6 (investment in water and sanitation9, SDG11 (investment in housing), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of women
Monitoring methodology	For the measurement and reporting of this indicator a record of women attending meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative

Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Assembly – sep/2023: 27 women **SCZ Monochoa:** • Assembly – sep/2023: 44 women
Documents to support the information	Attendance lists for the workshops and meetings convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_septiembre2024.pdf, ZCV Monochoa_Asamblea_septiembre2024_CG.pdf Minutes of the meetings and workshops convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_septiembre2024.pdf, ZCV Monochoa_Asamblea_septiembre2024_CG.pdf
Observations	

Activity ID	A-5
Indicator ID	A-5.3
Indicator name	Social investment needs identified
Type	Result
Goal	Identification of social investments needs for the project to consider
SDG compliance	SDG1 (social investment), SDG3 (investment in health), SDG4 (investment in education), SDG5 (women participation), SDG6 (investment in water and sanitation9, SDG11 (investment in housing), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of identified social needs
Monitoring methodology	For the measurement and reporting of this indicator a record of social needs identified by the community members during workshops and meetings is taken and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Assembly – mar/2024: 5 social needs prioritized **SCZ Monochoa:** • Assembly – mar/2024: 2 social needs prioritized **SCZ Andoque:** • Assembly – mar/2024: 2 social needs prioritized
Documents to support the information	Attendance lists for the workshops and meetings convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf, ZCV Andoque_Asamblea_marzo2024.pdf Minutes of the meetings and workshops convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf, ZCV Andoque_Asamblea_marzo2024.pdf

Observations	**SCZ Puerto Zábalo y Los Monos:** health, education, schools, transportation **SCZ Monochoa:** health and education **SCZ Andoque**: education and schools

Activity ID	A-6
Indicator ID	A-6.1
Indicator name	Design, adaptation or construction of educational facilities
Type	Product
Goal	Design, improve or build educational facilities associated with the resguar'os' communities.
SDG compliance	SDG1 (social investment), SDG4 (investment in education), SDG5 (women participation), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number
Monitoring methodology	It is verified from the budget execution and records of design, construction activities or improvement of educational facilities within the framework of the project.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Andoque:** • Schools built: 1 school (San Miguel) • Schooles improved: 1 school (El Andoke)
Documents to support the information	Verification in on-site visits: • Folder 6. Activities/ZCV Andoque/Educación/Remodelación - Escuela El Andoke/Anexos - Remodelación de Escuelas Photographic record: • Folder 6. Activities/ZCV Andoque/Educación/Remodelación - Escuela El Andoke/Anexos - Remodelación de Escuelas Other evidence: • Folder 6. Activities/ZCV Andoque/Educación/Construcción - Escuela San Miguel/Anexos - Construcción de Escuela
Observations	

Activity ID	A-6
Indicator ID	A-6.3
Indicator name	People with access to formal education programs, better quality or educational conditions or scholarships
Type	Result
Goal	Access to formal education, the provision or elements that facilitate education or scholarship systems for members of the communities are improved.
SDG compliance	SDG1 (social investment), SDG4 (investment in education), SDG5 (women participation), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number

<table>
<tr><td>Monitoring methodology</td><td>The execution of project resources is verified and the number of people accessing formal education, better service or education conditions or scholarships is quantified.</td></tr>
<tr><td>Monitoring frequency</td><td>Prior to a verification event</td></tr>
<tr><td>Responsible for measurement</td><td>Yauto
Community representative</td></tr>
<tr><td>Result indicator in the reporting period</td><td>SCZ Puerto Zábalo y Los Monos:
<table>
<tr><th>Education level</th><th>Number of students</th></tr>
<tr><td>Early childhood</td><td>91</td></tr>
<tr><td>Primary</td><td>117</td></tr>
<tr><td>High School</td><td>48</td></tr>
<tr><td>Higher education</td><td>17</td></tr>
<tr><td>Total</td><td>273</td></tr>
</table>
SCZ Monochoa:
<table>
<tr><th>Education level</th><th>Number of students</th></tr>
<tr><td>Early childhood</td><td>10</td></tr>
<tr><td>Primary</td><td>15</td></tr>
<tr><td>High School</td><td>30</td></tr>
<tr><td>Higher education</td><td>19</td></tr>
<tr><td>Total</td><td>74</td></tr>
</table>
SCZ Andoque: 90 students</td></tr>
<tr><td>Documents to support the information</td><td><u>Record of actions aimed at improving community education:</u>
• Folder 6. Activities/ZCV Puerto Zábalo a Belén/Educación
• Folder 6. Activities/ZCV Monochoa/Educación
• Folder 6. Activities/ZCV Andoque/Educación

Registry of beneficiaries of actions aimed at improving community education:
• Folder 6. Activities/ZCV Puerto Zábalo a Belén/Educación, file INFORME TECNICO DE APOYO ESTUDIANTIL.pdf
• Folder 6. Activities/ZCV Monochoa/Educación, files Beneficiarios CG.pdf, Beneficiarios MA.pdf
• Folder 6. Activities/ZCV Andoque/Educación, file Proyecto Subsidio Educativo.pdf</td></tr>
<tr><td>Observations</td><td></td></tr>
</table>

Activity ID	A-6
Indicator ID	A-6.4
Indicator name	Women with access to formal education programs, better quality or educational conditions or scholarships
Type	Result
Goal	Access to formal education, the provision or elements that facilitate education or scholarship systems for women of the communities are improved.
SDG compliance	SDG1 (social investment), SDG4 (investment in education), SDG5 (women participation), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of women

<table>
<tr><td>Monitoring methodology</td><td>The execution of project resources is verified and the number of women accessing formal education, better service or education conditions or scholarships is quantified.</td></tr>
<tr><td>Monitoring frequency</td><td>Prior to a verification event</td></tr>
<tr><td>Responsible for measurement</td><td>Yauto
Community representative</td></tr>
<tr><td>Result indicator in the reporting period</td><td>SCZ Puerto Zábalo y Los Monos:
<table>
<tr><th>Education level</th><th>Number of women</th></tr>
<tr><td>Higher education</td><td>10</td></tr>
</table>
SCZ Monochoa:
<table>
<tr><th>Education level</th><th>Number of women</th></tr>
<tr><td>Early childhood</td><td>6</td></tr>
<tr><td>Primary</td><td>6</td></tr>
<tr><td>High School</td><td>16</td></tr>
<tr><td>Higher education</td><td>9</td></tr>
<tr><td>Total</td><td>37</td></tr>
</table>
SCZ Andoque: 38 women</td></tr>
<tr><td>Documents to support the information</td><td><u>Record of actions aimed at improving community education:</u>
• Folder 6. Activities/ZCV Puerto Zábalo a Belén/Educación
• Folder 6. Activities/ZCV Monochoa/Educación
• Folder 6. Activities/ZCV Andoque/Educación

Registry of beneficiaries of actions aimed at improving community education:
• Folder 6. Activities/ZCV Puerto Zábalo a Belén/Educación, file INFORME TECNICO DE APOYO ESTUDIANTIL.pdf
• Folder 6. Activities/ZCV Monochoa/Educación, files Beneficiarios CG.pdf, Beneficiarios MA.pdf
• Folder 6. Activities/ZCV Andoque/Educación, file Proyecto Subsidio Educativo.pdf</td></tr>
<tr><td>Observations</td><td></td></tr>
</table>

Activity ID	A-6
Indicator ID	A-6.5
Indicator name	People who participate in meetings or workshops on education matters
Type	Result
Goal	The processes of identification and prioritization of social investment in education are carried out in a participatory manner.
SDG compliance	SDG1 (social investment), SDG4 (investment in education), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of people attending meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative

Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Assembly – sep/2023: 64 people **SCZ Monochoa:** • Assembly – sep/2023: 124 people
Documents to support the information	Attendance lists for the workshops and meetings convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf Minutes of the meetings and workshops convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf
Observations	

Activity ID	A-6
Indicator ID	A-6.6
Indicator name	Women who participate in meetings or workshops on education matters
Type	Result
Goal	The processes of identification and prioritization of social investment in education are carried out in a participatory manner.
SDG compliance	SDG1 (social investment), SDG4 (investment in education), SDG5 (women participation), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of women attending meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Assembly – sep/2023: 27 women **SCZ Monochoa:** • Assembly – sep/2023: 44 women
Documents to support the information	Attendance lists for the workshops and meetings convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_septiembre2024.pdf, ZCV Monochoa_Asamblea_septiembre2024_CG.pdf Minutes of the meetings and workshops convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_septiembre2024.pdf, ZCV Monochoa_Asamblea_septiembre2024_CG.pdf
Observations	

Activity ID	A-7
Indicator ID	A-7.3
Indicator name	People with access to health care services
Type	Result

Goal	Access to health services for community members is improved.
SDG compliance	SDG1 (social investment), SDG3 (health) SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of people
Monitoring methodology	The execution of project resources and the people who access health care is verified.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Monochoa:** 31 people **SCZ Andoque:** 28 people
Documents to support the information	Development of health care programs: • Folder 6. Activities/ZCV Monochoa/Salud • Folder 6. Activities/ZCV Andoque/Salud Registry of beneficiaries of actions aimed at improving health care: • Folder 6. Activities/ZCV Monochoa/Salud, files Informe de atenciones de salud CG.pdf, Informe de atenciones de salud MA.pdf • Folder 6. Activities/ZCV Andoque/Salud, file Informe de atenciones de salud - adultos mayores.pdf
Observations	

Activity ID	A-7
Indicator ID	A-7.4
Indicator name	Women with access to health care services
Type	Result
Goal	Access to health services for women members of the community is improved.
SDG compliance	SDG1 (social investment), SDG3 (health) SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of women
Monitoring methodology	The execution of project resources and the women who access health care is verified.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Monochoa:** 20 women **SCZ Andoque:** 13 women
Documents to support the information	Development of health care programs: • Folder 6. Activities/ZCV Monochoa/Salud • Folder 6. Activities/ZCV Andoque/Salud Registry of beneficiaries of actions aimed at improving health care: • Folder 6. Activities/ZCV Monochoa/Salud, files Informe de atenciones de salud CG.pdf, Informe de atenciones de salud MA.pdf • Folder 6. Activities/ZCV Andoque/Salud, file Informe de atenciones de salud - adultos mayores.pdf
Observations	

Activity ID	A-7
Indicator ID	A-7.5
Indicator name	People who participate in meetings or workshops on health matters
Type	Result
Goal	The processes of identification and prioritization of social investment related to health is carried out in a participatory manner.
SDG compliance	SDG1 (social investment), SDG3 (health) SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of people attending meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Assembly – sep/2023: 64 people **SCZ Monochoa:** • Assembly – sep/2023: 124 people
Documents to support the information	Attendance lists for the workshops and meetings convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf Minutes of the meetings and workshops convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_marzo2024.pdf, ZCV Monochoa_Asamblea_marzo2024_CG.pdf
Observations	

Activity ID	A-7
Indicator ID	A-7.6
Indicator name	Women who participate in meetings or workshops on health matters
Type	Result
Goal	The processes of identification and prioritization of social investment related to health are carried out in a participatory manner.
SDG compliance	SDG1 (social investment), SDG3 (health) SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of women
Monitoring methodology	For the measurement and reporting of this indicator a record of women attending meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Assembly – sep/2023: 27 women **SCZ Monochoa:** • Assembly – sep/2023: 44 women

Documents to support the information	Attendance lists for the workshops and meetings convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_septiembre2024.pdf, ZCV Monochoa_Asamblea_septiembre2024_CG.pdf Minutes of the meetings and workshops convened: • Folder 5. Participatory spaces, files ZCV Puerto Zabalo_Asamblea_septiembre2024.pdf, ZCV Monochoa_Asamblea_septiembre2024_CG.pdf
Observations	

Activity ID	A-7
Indicator ID	A-7.7
Indicator name	Health models designed or under implementation
Type	Product
Goal	Health models are design and implemented to improve the provision of services related to this aspect
SDG compliance	SDG1 (social investment), SDG3 (health), SDG5 (women participation), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since discourages deforestation)
Measurement unit	Number of health models
Monitoring methodology	For the measurement and reporting of this indicator a record of health systems designed or under implementation is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Monochoa:** 1 protocol designed
Documents to support the information	Development of health care programs: • Folder 6. Activities/ZCV Monochoa/Salud Documentation of the protocol: • Folder 6. Activities/ZCV Monochoa/Salud, file Módulos de formación en salud.pdf
Observations	

Activity ID	A-8
Indicator ID	A-8.1
Indicator name	Design, adaptation or construction of housing or infrastructure
Type	Product
Goal	The houses of members or the infrastructure of the community are improved or built.
SDG compliance	SDG1 (social investment), SDG3 (Health for better sanitation), SDG11 (better housing), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation)
Measurement unit	Number
Monitoring methodology	The number of studies, designs, housing or infrastructure improved or constructed is quantified and reported.

Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 1 house for teaching native language **SCZ Monochoa:** 5 houses
Documents to support the information	Records of activities: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Casa para enseñanza del idioma **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Vivienda, files Informe vivienda oct2023-jun2024.pdf, Informe vivienda oct2024.pdf Photographic and audiovisual record: • Folder 6. Activities/ZCV Monochoa/Vivienda/Registro fotográfico y audiovisual
Observations	

Activity ID	A-8
Indicator ID	A-8.8
Indicator name	Equipment or activities to improve mobility
Type	Product
Goal	Community members have better mobility.
SDG compliance	SDG1 (Social investment), SDG15 (Protection of the forest as it discourages deforestation)
Measurement unit	Number of equipment or activities
Monitoring methodology	The number of equipment or activities implemented to improve the mobility of people or elements of the community is quantified.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 8 motorcycle cargo trucks **SCZ Monochoa:** 4 boats
Documents to support the information	Photographic and/or video record: • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Transporte • Folder 6. Activities/ZCV Monochoa/Transporte Invoices, accounts receivable: • Folder 6. Activities/ZCV Monochoa/Transporte/Facturas
Observations	

Activity ID	A-10
Indicator ID	A-10.1
Indicator name	People who participate in training, meetings or training days related to language, medicine, traditional productive systems, knowledge and rituals.
Type	Result
Goal	Strengthen the capacities of community members to maintain, recover improve and transfer the elements of their culture
SDG compliance	SDG3 (health and well-being), SDG13 (reduction of emissions), SDG15

	(protection of forest habitat since it discourages deforestation and governance is strengthened)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of people attending trainings, meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Chagras: 39 women • Traditional knowledge: 37 people **SCZ Monochoa:** • Chagras: 71 women • Traditional knowledge: 30 people **SCZ Andoque:** • Chagras: 77 families • Language and traditional government: 43 people
Documents to support the information	Activity reports: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productivo, file Informe chagra.pdf • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Conocimiento ancestral, file Informe sabedores del conocimiento ancestral.pdf **SCZ Monochoa:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Conocimiento ancestral, files Informe sabedor CG.pdf, Retorno de R+eroj+ (conocimiento ancestral MA).pdf **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Lengua y Gobierno tradicional, file Fortalecimiento gobierno propio y lengua propia.pdf Meeting minutes: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo, file Encuentro chagreras.pdf • Folder 6. Activities/ZCV Monochoa/Conocimiento ancestral **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Lengua y Gobierno tradicional, file Primera reunion de clanes gobierno propio y lengua propia.pdf Project profile: **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Chagras – Productivo, file Chagras Andoque.pdf
Observations	

Activity ID	A-10
Indicator ID	A-10.2
Indicator name	Women who participate in training, meetings or training days related to language, medicine, traditional productive systems, knowledge and rituals.
Type	Result

Goal	Strengthen the capacities of community members to maintain, recover improve and transfer the elements of their culture
SDG compliance	SDG3 (health and well-being), SDG5 (women participation) SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation and governance is strengthened)
Measurement unit	Number of women
Monitoring methodology	For the measurement and reporting of this indicator a record of women attending trainings, meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Chagras: 39 women **SCZ Monochoa:** • Chagras: 71 women • Traditional knowledge: 7 women **SCZ Andoque:** • Language and traditional government: 15 women
Documents to support the information	Activity reports: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productivo, file Informe chagra.pdf **SCZ Monochoa:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Conocimiento ancestral, files Informe sabedor CG.pdf **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Lengua y Gobierno tradicional, file Fortalecimiento gobierno propio y lengua propia.pdf Meeting minutes: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo, file Encuentro chagreras.pdf • Folder 6. Activities/ZCV Monochoa/Conocimiento ancestral **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Lengua y Gobierno tradicional, file Primera reunion de clanes gobierno propio y lengua propia.pdf
Observations	

Activity ID	A-10
Indicator ID	A-10.3
Indicator name	Programs designed or executed to preserve traditional languages
Type	Product
Goal	Promote the conservation of traditional languages
SDG compliance	SDG3 (health and well-being), SDG5 (women participation) SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation and governance is strengthened)
Measurement unit	Number of programs
Monitoring methodology	For the measurement and reporting of this indicator a record of programs executed is carried out and reported

Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Andoque:** 1 program
Documents to support the information	Activity reports: **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Lengua y Gobierno tradicional, file Fortalecimiento gobierno propio y lengua propia.pdf Meeting minutes: **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Lengua y Gobierno tradicional, file Primera reunion de clanes gobierno propio y lengua propia.pdf
Observations	

Activity ID	A-10
Indicator ID	A-10.4
Indicator name	Elderly and maloqueros supported
Type	Result
Goal	Support the elderly and maloqueros in the traditional and ancestral strengthening
SDG compliance	SDG3 (health and well-being), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation and governance is strengthened)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of elderly and maloqueros supported is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 28 people
Documents to support the information	Activity reports: • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Apoyo abuelos, file Apoyo abuelos y mayores.pdf
Observations	

Activity ID	A-10
Indicator ID	A-10.5
Indicator name	Malocas built or improved
Type	Product
Goal	Build/improve the malocas to strengthen the traditions and ancestral knowledge
SDG compliance	SDG3 (health and well-being), SDG5 (women participation) SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation and governance is strengthened)
Measurement unit	Number of malocas
Monitoring methodology	The number of improved or built malocas is quantified.

Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 9 malocas built **SCZ Monochoa:** 3 malocas (2 improved, 1 built)
Documents to support the information	Photographic record and/or videos: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Malocas **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Malocas
Observations	

Activity ID	A-10
Indicator ID	A-10.6
Indicator name	Families or people with access to traditional productive systems
Type	Result
Goal	Strengthen the access of community members to traditional production systems
SDG compliance	SDG1 (productive investment), SDG2 (productive investment), SDG3 (health and well-being), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation and governance is strengthened)
Measurement unit	Number of families
Monitoring methodology	The number of families in the community that have established and/or improved traditional production systems (chagras) is quantified and the value is reported.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** • Chagras: 39 women **SCZ Monochoa:** • Chagras: 71 women **SCZ Andoque:** • Chagras: 77 families
Documents to support the information	Activity reports: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Chagras – productivo, file Informe chagra.pdf Meeting minutes: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Chagras – Productivo, file Encuentro chagreras.pdf Project profile: **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Chagras – Productivo, file Chagras Andoque.pdf

Observations	

Activity ID	A-10
Indicator ID	A-10.7
Indicator name	Families or people receiving subsidies
Type	Result
Goal	Contribute to the well-being of the population and improve their economic conditions.
SDG compliance	SDG1 (reduction of extreme poverty), SDG10 (reduction of inequalities)
Measurement unit	Number
Monitoring methodology	The number of individuals or families receiving subsidies is quantified.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 28 people
Documents to support the information	Activity reports: • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Apoyo abuelos, file Apoyo abuelos y mayores.pdf
Observations	

Activity ID	A-12
Indicator ID	A-12.4
Indicator name	Environmental Management plans under implementation
Type	Result
Goal	Actions are implemented that contribute to the fulfillment of the Environmental Management plans
SDG compliance	SDG1 (social and productive projects), SDG2 (social and productive projects), SDG3 (health and well-being), SDG4 (environmental education), SDG5 (women's participation), SDG6 (investment in water and sanitation9, SDG8 (better employment and growth economic), SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation)
Measurement unit	Number of plans
Monitoring methodology	For the report of this indicator, the number of environmental management plan that have implementation actions will be considered.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	1 environmental management plan
Documents to support the information	Records of execution actions of environmental plans: • Folder 6. Activities Photographic record and/or videos: • Folder 6. Activities
Observations	CSZ Monochoa Environmental Management Plan:

	• Senior meetings for the management of territorial knowledge. • Economic alternatives were proposed for the communities. • The development of a protocol for health care was managed. • Management of financial support for students from the reserve. • The execution of a project to strengthen traditional productive systems. The community plan documents can be found in folder 10. Documents of interest, file Plan de Manejo Ambiental Monochoa_2016.pdf

Activity ID	A-13
Indicator ID	A-13.1
Indicator name	People participating in meetings and training sessions on monitoring
Type	Result
Goal	Strengthen the capacities of community members to monitor the forest and control deforestation.
SDG compliance	SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of people attending trainings, meetings or workshops is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Carbo-Terra Yauto
Result indicator in the reporting period	**SCZ Monochoa:** 11 people **SCZ Andoque:** 11 people
Documents to support the information	Photographic record and/or videos: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Monitoreo/Certificados jardín botánico • Folder 6. Activities/ZCV Monochoa/Monitoreo-Chukik+ Alto Clases - 3P Audiovisual M. • Folder 6. Activities/ZCV Monochoa/Monitoreo/Registro fotografico y audiovisual MA/Fotos capacitación AMO Reports: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Monitoreo, file INFORME TÉCNICO EQUIPO MONITOREO AM.pdf **SCZ Andoque:** • Folder 6. Activitie/ZCV Andoque/Monitoreo, file Informe_octubre.pdf
Observations	

Activity ID	A-13
Indicator ID	A-13.3
Indicator name	Constitution or formalization of the Group of Families that protect the forest and biodiversity.
Type	Product
Goal	Formalize the group of families that protect the forest and the biodiversity

SDG compliance	SDG5 (Women participation}, SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation)
Measurement unit	Number of documents
Monitoring methodology	For the measurement and reporting of this indicator a record of people that constitute the group of families that protect the forest and the biodiversity will be carried out and reported in a document
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Monochoa:** conformation of one monitoring team
Documents to support the information	Minutes of the meetings and workshops: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Monitoreo, file INFORME TÉCNICO EQUIPO MONITOREO AM.pdf
Observations	

Activity ID	A-13
Indicator ID	A-13.5
Indicator name	Programming of the activities of the Group of families that protect the forest and the biodiversity
Type	Result
Goal	Implement the programming of the monitoring activities of the group of families that protect the forest and the biodiversity.
SDG compliance	SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation)
Measurement unit	Number of schedules in implementation
Monitoring methodology	For the measurement and reporting schedules and planning of monitoring activities will be quantified
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Monochoa:** 1 schedule defined for monitoring activities
Documents to support the information	Programmation: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Monitoreo, file Cronograma de actividades Monitoreo AM.xlsx
Observations	

Activity ID	A-13
Indicator ID	A-13.6
Indicator name	Routes or expeditions carried out
Type	Product
Goal	Conduct tours and/or expeditions to identify and/or monitor biodiversity and the state of forest cover
SDG compliance	SDG13 (reduction of emissions), SDG15 (protection of forest habitat and biodiversity since it discourages deforestation and enhance monitoring)

Measurement unit	Number of schedules in implementation
Monitoring methodology	For the measurement and reporting designed routs and expeditions carried out will be quantified
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 2 expeditions **SCZ Monochoa:** 1 expedition **SCZ Andoque:** 2 expeditions
Documents to support the information	Photographic record and/or videos: **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Monitoreo/Territorio - Programa M. Andoke Designed routs document supports: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Monitoreo, files informe recorrido puerto zabalo monitoreo 1.pdf, informe recorrido reforma.pdf **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Monitoreo, file INFORME TÉCNICO EQUIPO MONITOREO AM.pdf **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Monitoreo/Territorio - Programa M. Andoke
Observations	

Activity ID	A-13
Indicator ID	A-13.7
Indicator name	People who receive training to support monitoring activities
Type	Result
Goal	Acquire and provide those involved in forest and biodiversity monitoring with equipment, tools or technologies to strengthen monitoring purposes.
SDG compliance	SDG13 (reduction of emissions), SDG15 (protection of forest habitat and biodiversity since it discourages deforestation and enhance monitoring)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator, a record of equipment (tools, technologies) acquired, and the execution of project resources will be verified.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Carbo-Terra Yauto
Result indicator in the reporting period	**SCZ Monochoa:** 11 people **SCZ Andoque:** 11 people
Documents to support the information	Photographic record and/or videos: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Monitoreo/Certificados jardín botánico • Folder 6. Activities/ZCV Monochoa/Monitoreo-Chukik+ Alto Clases - 3P Audiovisual M.

	• Folder 6. Activities/ZCV Monochoa/Monitoreo/Registro fotografico y audiovisual MA/Fotos capacitación AMO Reports: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Monitoreo, file INFORME TÉCNICO EQUIPO MONITOREO AM.pdf **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Monitoreo, file Informe_octubre.pdf
Observations	

Activity ID	A-13
Indicator ID	A-13.9
Indicator name	Biodiversity studies designed or implemented
Type	Results
Goal	Improve or document knowledge about biodiversity found in the territories.
SDG compliance	SDG15 (Protection of forest and biodiversity as it discourages deforestation and promotes monitoring)
Measurement unit	Number of studies
Monitoring methodology	The number of studies designed or implemented that are related to biodiversity in community territories is quantified.
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 4 permanent parcels **SCZ Monochoa:** 4 permanent parcels **SCZ Andoque:** 2 permanent parcels
Documents to support the information	Photographic record and/or videos: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Monitoreo/Guaimaraya Parcelas - 3P Audiovisual M. • Folder 6. Activities/ZCV Monochoa/Monitoreo/Registro fotografico y audiovisual MA/AMENAN+ MONITOREO PARCELAS 2023 **SCZ Andoque:** • Folder 6. Activities/ZCV Andoque/Monitoreo/Forestal - Programa M. Andoke Activity reports: Folder 6. Activities/Informe Monitoreo Verificacion 2024
Observations	

Activity ID	A-14
Indicator ID	A-14.1
Indicator name	Area of standing forest in project area
Type	Impact
Goal	Monitor the progress of deforestation and its changes in coverage
SDG compliance	SDG13 (reduction of emissions), SDG15 (protection of forest habitat and biodiversity since it discourages deforestation and enhance monitoring)

Measurement unit	Hectares (Ha)
Monitoring methodology	Evaluation of forest and non-forest maps according to BioCarbon Registry methodology
Monitoring frequency	Prior to a verification event
Responsible for measurement	Carbo Sostenible
Result indicator in the reporting period	Oct/2023: 1,002,172.14 ha Oct/2024: 1,000,696.2 ha
Documents to support the information	Analysis of deforestation from maps: Folder 3. Maps & GDB Calculations of deforestation and deforestation rates: Folder 4. Calculations
Observations	

Activity ID	A-14
Indicator ID	A-14.2
Indicator name	Tons of avoided CO2 emissions emitted
Type	Impact
Goal	Reduce CO2 emissions
SDG compliance	SDG13 (reduction of emissions), SDG15 (protection of forest habitat and biodiversity since it discourages deforestation and enhance monitoring)
Measurement unit	tCO2e
Monitoring methodology	For the measurement and reporting of this indicator, the area of standing forest present in the territory of the indigenous reservations is identified and estimated using Geographic Information Systems and satellite images from remote sensors. Subsequently, the applicable emission factor is applied
Monitoring frequency	Prior to a verification event
Responsible for measurement	Carbo Sostenible
Result indicator in the reporting period	1,551,218 tCO2e
Documents to support the information	Use of non-forest forest maps from IDEAM (SMByC): Folder 3. Maps & GDB Calculation supports: Folder 4. Calculations
Observations	

Activity ID	A-14
Indicator ID	A-14.3
Indicator name	Area of standing forest in leakage belt
Type	Impact
Goal	Monitor the progress of deforestation and its changes in coverage of the leakage belt
SDG compliance	SDG13 (reduction of emissions), SDG15 (protection of forest habitat and biodiversity since it discourages deforestation and enhance monitoring)

Measurement unit	Hectares (Ha)
Monitoring methodology	Evaluation of forest and non-forest maps according to BioCarbon Registry methodology
Monitoring frequency	Prior to a verification event
Responsible for measurement	Carbo Sostenible
Result indicator in the reporting period	Oct/2023: 393,803.2 ha Oct/2024: 393,675.3 ha
Documents to support the information	Analysis of deforestation from maps: Folder 3. Maps & GDB Calculations of deforestation and deforestation rates: Folder 4. Calculations
Observations	

Activity ID	A-15
Indicator ID	A-15.1
Indicator name	Individuals participating in meetings and training sessions on legal, administrative and financial issues
Type	Result
Goal	Strengthen the capacities of community members for managing administrative, legal and financial aspects.
SDG compliance	SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation)
Measurement unit	Number of people
Monitoring methodology	For the measurement and reporting of this indicator a record of people attending trainings, meetings or workshops on legal, administrative and financial issues is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 37 people **SCZ Monochoa:** 10 people
Documents to support the information	Attendance lists for the workshops and meetings: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Fortalecimiento Institucional Minutes of the meetings and workshops: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Fortalecimiento Institucional Reports: **SCZ Puerto Zábalo y Los Monos:** • Folder 6. Activities/ZCV Puerto Zábalo a Belén/Capacitacion TIC
Observations	

Activity ID	A-15
Indicator ID	A-15.2
Indicator name	Women participating in meetings and training sessions on legal,

	administrative and financial issues
Type	Result
Goal	Strengthen the capacities of women for managing administrative, legal and financial aspects.
SDG compliance	SDG5 (Women participation}, SDG13 (reduction of emissions), SDG15 (protection of forest habitat since it discourages deforestation)
Measurement unit	Number of women
Monitoring methodology	For the measurement and reporting of this indicator a record of women attending trainings, meetings or workshops on legal, administrative and financial issues is carried out and reported
Monitoring frequency	Prior to a verification event
Responsible for measurement	Yauto Community representative
Result indicator in the reporting period	**SCZ Puerto Zábalo y Los Monos:** 15 women **SCZ Monochoa:** 4 women
Documents to support the information	Attendance lists for the workshops and meetings: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Fortalecimiento Institucional Minutes of the meetings and workshops: **SCZ Monochoa:** • Folder 6. Activities/ZCV Monochoa/Fortalecimiento Institucional Reports: **SCZ Puerto Zábalo y Los Monos:** Folder 6. Activities/ZCV Puerto Zábalo a Belén/Capacitacion TIC
Observations	

13.2 Changes after the GHG project registration

13.2.1 Temporary deviations

No temporary changes were made during the monitoring period.

13.2.2 Permanent Changes

13.2.2.1 Corrections

The following corrections were made to the project information and parameters were made during the monitoring period, which modified the ex-ante emission reduction estimate:

- Incorporation of the national circumstances' values in the GHG reduction estimate corresponding to this monitoring period, according to the values reported in the latest approved FREL (MinAmbiente e IDEAM, 2024).
- The annual deforestation area in the project area and in the leakage, area was fixed for the baseline scenario.

- Inclusion of the constant carbon emissions associated with the Soil Organic Carbon (COS) of the previously deforested area, so that SOC emissions were included in the baseline and with-project scenarios.

13.2.2.2 Permanent changes to the monitoring plan, BCR program methodologies in use, or other regulatory documents related to BCR program methodologies

No permanent changes to the registered monitoring plan or any permanent deviations were applied during the monitoring period.

13.2.2.3 Changes to GHG project design

No changes to the project design of the project activity occurred during the monitoring period.

14 Grouped Projects

The project does not correspond to a grouped project.

15 Monitoring system

15.1 Description of the monitoring plan

In accordance with BCR MRV Tool, V1.0 of 2023, monitoring activities were conducted following BCR REDD+ methodology approach and requirements as well as the monitoring plan of the project presented in section 13 of the PD. The following table presents how the project covers each element regarding MRV aspects:

Section in BCR MRV Tool	Compliance	Evidence
Section 6) Principles	The Project has two guidelines to ensure application of these principles: the Quality Control and Quality Assurance procedure and the Administrative Mechanism.	Folder 11. QC-QA, file Procedimiento QC-QA REDD+ CRIMA v1.pdf Folder 12. Administration Mechanism, file Esquema Administración REDD+_CRIMA Putumayo Andoque_V5.pdf
Section 7) Quantification and monitoring periods	The projections of the project cover 30 years. The quantification periods are less than five years (the monitoring period subject to verification was 1.08	Folder 4. Calculations, file Cálculos_3era verificación CRIMA_V1.xslx

Section in BCR MRV Tool	Compliance	Evidence
	years and the previous verification was carried out on 2023).	
Section 8) Conservative approach and uncertainty management	The project uses national emission factor values and forest data. Uncertainty management is addressed according to BCR rules. The project uncertainty is presented in section 16.1 of the monitoring report and the reserve of carbon credits is applied in each verification process. Further details on data and parameter uncertainty management are provided in the Quality Control and Quality Assurance procedure.	Folder 4. Calculations, file Cálculos_3era verificación CRIMA_V1.xslx Folder 11. QC-QA, file Procedimiento QC-QA REDD+ CRIMA v1.pdf Folder 2. MR, section 16 of this document.
Section 9) Monitoring Process: a) Methodology applicability conditions b) description of the monitoring system, data collection, procedures. c) information about data generation, aggregation, recording, calculation and reporting d) organizational structure, roles and responsibilities or personnel, and emergency procedures for the monitoring procedure e) parameters used for baseline, project reductions, leakage and other relevant required by the methodology. f) processes related to models and methods	a) The conditions for the application of the REDD+ methodology and its compliance are described in section 2 of the PD. There were no changes during the monitoring period. b) The complete monitoring system is presented in section 13 of the PD (including monitoring methodology, frequency, responsible, among others), and includes the Quality Control and Quality Assurance procedure, and the Administrative Mechanism for the project. c) Data generation is described in folder Annex 2. PROCESAMIENTO CARTOGRAFICO CRIMA REDD+_2023.pdf; Calculations, aggregation, recording and reporting follow each equation defined in the REDD+ methodology (see archive Cálculos_3era verificación CRIMA_V1.xslx) and each variable required and applied by the methodology is described in section 15.2 of this document. d) The Quality Control and Quality Assurance procedures and the Administrative Mechanism describe the organizational structure, roles,	Folder 1. PDD, section 2 of the project document. Folder 4. Calculations, file Cálculos_3era verificación CRIMA_V1.xslx Folder 3. Maps & GDB Folder 11. QC-QA, file Procedimiento QC-QA REDD+ CRIMA v1.pdf

Section in BCR MRV Tool	Compliance	Evidence
used to sampling and quality control. g) specific information on how data and parameters will be monitored	responsibilities, and procedures for dealing with special situations. e) Each variable required and used to define the baseline, project reductions, leakage and other specific variables are described in section 12 of the PD and section 15.2.1 of the Monitoring report. f) All models and methods considered in the project follow the methodological equations and principles and are described in section 12 of the PD and section 15.2.1 of the Monitoring Report, Annex 2. PROCESAMIENTO CARTOGRAFICO CRIMA REDD+_2023.pdf, reductions estimations file Cálculos_3era verificación CRIMA_V1.xslx. g) The data monitoring plan is described in Section 13.7 of the PD and Section 15.2.2 of this document. Each indicator defined to report the project results includes the methodology for measurement.	
Section 10) Monitoring plan	The monitoring plan is presented in section 13 of the PD and has already been validated by a Conformity Assessment Body. The monitoring of the parameters used to quantify the baseline, the project and the leakage is presented in sections 15.2.1 and 15.2.2.	

15.2 Data and parameters to quantify the reduction of emissions

15.2.1 Data and parameters determined at registration and not monitored during the monitoring period, including default values and factors

Data / Parameter	CTeq
Data unit	t CO2e/ha
Description	Net greenhouse gas emissions in the baseline from unplanned deforestation
Source of data	National Reference Level. Minambiente e IDEAM, 2019.

Value applied	557.6
Justification of choice of data or description of measurement methods and procedures applied	Carbon emissions are estimated according to carbon stock content after deforestation. Aboveground and belowground biomass are assumed to be released in the year of deforestation, and soil organic carbon is assumed to be progressively released at an annual rate of 1/20.
Purpose of data	Calculation of baseline and project emissions within project and leakage area.
Comments	

Data / Parameter	Forest Cover in Reference Region in 2007
Data unit	Ha
Description	Geographic identification of forest cover in the reference region at the beginning of the reference period (2007)
Source of data	Remote sensing data
Value applied	831,751
Justification of choice of data or description of measurement methods and procedures applied	Calculated according to satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Purpose of data	Determination of baseline scenario Calculation of project emissions
Comments	

Data / Parameter	Forest Cover in Reference Region in 2017
Data unit	Ha
Description	Geographic identification of forest cover in the reference region at the end of the reference period (2017)
Source of data	Remote sensing data
Value applied	807,134
Justification of choice of data or description of measurement methods and procedures applied	Calculated according to satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Purpose of data	Determination of baseline scenario Calculation of project emissions
Comments	

Data / Parameter	CSBaño
Data unit	Ha/year
Description	Total average area deforested per year during historical reference period in the reference region.

Source of data	Remote sensing data
Value applied	2,461
Justification of choice of data or description of measurement methods and procedures applied	Mean deforestation in the reference region across the historical reference period.
Purpose of data	Determination of baseline scenario in project area Calculation of baseline emissions in project area Calculation of project emissions in project area
Comments	

Data / Parameter	Project area
Data unit	ha
Description	Map showing the location and cover of forest land within the project zone at the beginning of the crediting period.
Source of data	Satellite imagery used is adequate in terms of spatial resolution (less than 30 meters) and an appropriate scale (Landsat and Planet Scope).
Value applied	1,003,130
Justification of choice of data or description of measurement methods and procedures applied	Satellite imagery used is adequate in terms of spatial resolution (less than 30 meters) and an appropriate scale. Calculated according to satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Purpose of data	Calculate baseline emissions Calculate ex ante project emissions
Comments	

Data / Parameter	DAlb
Data unit	Ha/year
Description	Baseline deforestation in project area during project implementation.
Source of data	The parameter is based on the historical annual deforestation rate observed in the reference region.
Value applied	2,968
Justification of choice of data or description of measurement methods and procedures applied	According to equations proposed on the reference methodology of the BCR, the project baseline deforestation is based on the annual historical deforestation rate observed in the reference region during the reference period.
Purpose of data	Calculate baseline emissions Calculate ex ante project emissions
Comments	

Data / Parameter	National circumstances deforestation increase

Data unit	%
Description	Baseline deforestation in project area during project implementation is expected to increase due to local circumstances that accelerate forest conversion to other land uses and that are directly related to post-conflict agreements between national government and the guerrilla group FARC.
Source of data	Minambiente e IDEAM, 2019.
Value applied	YEAR / % of increase 2018 0,3177 2019 0,3858 2020 0,4459 2021 0,4962 2022 0,5355 2023 0,3619 2024 0,3487 2025 0,3364 2026 0,3249 2027 0,3142
Justification of choice of data or description of measurement methods and procedures applied	BCR methodology determines that projects may adjust the baseline deforestation rates according to national circumstances related with post-conflict local dynamics. According to the national reference level of forest emissions (Minambiente e IDEAM, 2019), it was necessary to consider that during the following years after the peace agreements were signed between the national government and the armed group, deforestation rates increase respect historical trends. The project is within a territory where armed groups have historically operated and it is subject to all expected dynamics related with post-conflict dynamics, thus, deforestation is expected to increase above historical trends during the following years after peace agreements were signed. The percentage of adjustment is based on the lowest national and regional trend that deforestation is expected to increase after 2017.
Purpose of data	Calculate baseline emissions Calculate ex ante project emissions
Comments	

Data / Parameter	Forest Cover in the leakage area in 2007
Data unit	Ha
Description	Geographic identification of forest cover in the leakage area at the beginning of the reference period (2007)
Source of data	Remote sensing data
Value applied	396,531

Justification of choice of data or description of measurement methods and procedures applied	Calculated according to satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Purpose of data	Determination of baseline scenario Calculation of project emissions
Comments	

Data / Parameter	Forest Cover in the leakage area in 2017
Data unit	Ha
Description	Geographic identification of forest cover in the leakage area at the beginning of the reference period (2017)
Source of data	Remote sensing data
Value applied	394,823
Justification of choice of data or description of measurement methods and procedures applied	Calculated according to satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Purpose of data	Determination of baseline scenario Calculation of project emissions
Comments	

Data / Parameter	CSBf,año
Data unit	Ha/year
Description	Total average area deforested per year during historical reference period in the leakage area.
Source of data	Remote sensing data
Value applied	170.7
Justification of choice of data or description of measurement methods and procedures applied	Mean deforestation in the leakage area across the historical reference period.
Purpose of data	Determination of baseline scenario in project area Calculation of baseline emissions in project area Calculation of project emissions in project area
Comments	

Data / Parameter	DAf
Data unit	Ha/year
Description	Baseline deforestation in leakage area during project implementation.

Source of data	The parameter is based on the historical annual deforestation rate observed in the leakage area.
Value applied	170.0
Justification of choice of data or description of measurement methods and procedures applied	According to equations proposed on the reference methodology of the BCR, the leakage baseline deforestation is based on the annual historical deforestation rate observed in the leakage area during the reference period.
Purpose of data	Calculate baseline emissions Calculate ex ante project emissions
Comments	

Data / Parameter	Cab, tree
Data unit	tCO2/ha
Description	Description Carbon stock in aboveground biomass in trees
Source of data	Minambiente e IDEAM, 2019.
Value applied	445
Justification of choice of data or description of measurement methods and procedures applied	Regional biome data reported in the FREL is encouraged to be used to align with the national carbon accounting and attend the climate change mitigation guidelines.
Purpose of data	Emissions within Project boundaries
Comments	

Data / Parameter	Cbb, tree
Data unit	tCO2/ha
Description	Description Carbon stock in belowground biomass in trees
Source of data	Minambiente e IDEAM, 2019.
Value applied	98
Justification of choice of data or description of measurement methods and procedures applied	Regional biome data reported in the FREL is encouraged to be used to align with the national carbon accounting and attend the climate change mitigation guidelines.
Purpose of data	Emissions within Project boundaries
Comments	

Data / Parameter	Csoc, tree
Data unit	tC/ha
Description	Description Carbon stock in soil organic carbon
Source of data	Minambiente e IDEAM, 2019.
Value applied	3.7

Justification of choice of data or description of measurement methods and procedures applied	Regional biome data reported in the FREL is encouraged to be used to align with the national carbon accounting and attend the climate change mitigation guidelines.
Purpose of data	Emissions within Project boundaries
Comments	

15.2.2 Data and parameters monitored

In early 2024, the government of Colombia published a new document on the reference level of forest emissions in Colombia (Ministry of Environment and Sustainable Development and IDEAM, 2024). This report includes the emission factors for forest biomass and soil organic carbon in the Amazon biome disclosed in the document, based on a weighted average of the carbon content of each type of forest present in the project area at the start date (see *Annex 1*, archive *Cálculos_3era verificación CRIMA_V1.xslx*).

Data / Parameter	CTeq
Data unit	t CO2e/ha
Description	Average net greenhouse gas emissions in the baseline from unplanned deforestation
Source of data	National Reference Level. Minambiente e IDEAM, 2024.
Value applied	556,6
Justification of choice of data or description of measurement methods and procedures applied	Carbon emissions are estimated according to carbon stock content after deforestation. Aboveground and belowground biomass are assumed to be released in the year of deforestation, and soil organic carbon is assumed to be progressively released at an annual rate of 1/20. Biomass carbon content is an average based on a weighted carbon content according to nucleus and edge forests present in the project area.
Purpose of data	Calculation of baseline and project emissions within project and leakage area.
Comments	

Data / Parameter	Project area (nucleus forest)
Data unit	ha
Description	Map showing the location and cover of nucleus forest (>100 meters from the edge) within the project zone at the beginning of the crediting period.
Source of data	Satellite imagery used is adequate in terms of spatial resolution (less than 30 meters) and an appropriate scale (Landsat and Planet Scope).
Value applied	987,820
Justification of choice of data or description of	Satellite imagery used is adequate in terms of spatial resolution (less than 30 meters) and an appropriate scale. Calculated according to

measurement methods and procedures applied	satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Purpose of data	Calculate baseline emissions Calculate ex ante project emissions
Comments	

Data / Parameter	Project area (edge forest)
Data unit	ha
Description	Map showing the location and cover of edge forest (<100 meters from the edge) within the project zone at the beginning of the crediting period.
Source of data	Satellite imagery used is adequate in terms of spatial resolution (less than 30 meters) and an appropriate scale (Landsat and Planet Scope).
Value applied	15,311
Justification of choice of data or description of measurement methods and procedures applied	Satellite imagery used is adequate in terms of spatial resolution (less than 30 meters) and an appropriate scale. Calculated according to satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Purpose of data	Calculate baseline emissions Calculate ex ante project emissions
Comments	

Data / Parameter	National circumstances deforestation increase
Data unit	%
Description	Baseline deforestation in project area during project implementation is expected to increase due to local circumstances that accelerate forest conversion to other land uses and that are directly related to post-conflict agreements between national government and the guerrilla group FARC and the El Niño phenomenon (dry season).
Source of data	Minambiente e IDEAM, 2019.
Value applied	YEAR: % of increase 2023: 0.259 2024: 0.299 2025: 0.336 2026: 0.37 2027: 0.401
Justification of choice of data or description of measurement methods and procedures applied	BCR methodology determines that projects may adjust the baseline deforestation rates according to national circumstances related with post-conflict local dynamics. According to the national reference level of forest emissions (Minambiente e IDEAM, 2024), it was necessary to consider that during the following years after the peace agreements were signed between the national government and the armed group, deforestation rates increase respect historical trends. The project is

	within a territory where armed groups have historically operated and it is subject to all expected dynamics related with post-conflict dynamics, thus, deforestation is expected to increase above historical trends during the following years after peace agreements were signed. The percentage of adjustment is based on the lowest national and regional trend that deforestation is expected to increase after 2022.
Purpose of data	Calculate baseline emissions Calculate ex ante project emissions
Comments	

Data / Parameter	Cab, tree
Data unit	tCO2/ha
Description	Description Carbon stock in aboveground biomass in trees in Nucleus Forest
Source of data	Minambiente e IDEAM, 2024.
Value applied	453.9
Justification of choice of data or description of measurement methods and procedures applied	Regional biome data reported in the FREL is encouraged to be used to align with the national carbon accounting and attend the climate change mitigation guidelines.
Purpose of data	Emissions within Project boundaries
Comments	

Data / Parameter	Cab, tree
Data unit	tCO2/ha
Description	Description Carbon stock in aboveground biomass in trees in Edge Forest
Source of data	Minambiente e IDEAM, 2024.
Value applied	259.6
Justification of choice of data or description of measurement methods and procedures applied	Regional biome data reported in the FREL is encouraged to be used to align with the national carbon accounting and attend the climate change mitigation guidelines.
Purpose of data	Emissions within Project boundaries
Comments	

Data / Parameter	Cbb, tree
Data unit	tCO2/ha
Description	Description Carbon stock in belowground biomass in trees in Nucleus Forest
Source of data	Minambiente e IDEAM, 2024.

Value applied	101.2
Justification of choice of data or description of measurement methods and procedures applied	Regional biome data reported in the FREL is encouraged to be used to align with the national carbon accounting and attend the climate change mitigation guidelines.
Purpose of data	Emissions within Project boundaries
Comments	

Data / Parameter	Cbb, tree
Data unit	tCO2/ha
Description	Description Carbon stock in belowground biomass in trees in Edge Forest
Source of data	Minambiente e IDEAM, 2024.
Value applied	60
Justification of choice of data or description of measurement methods and procedures applied	Regional biome data reported in the FREL is encouraged to be used to align with the national carbon accounting and attend the climate change mitigation guidelines.
Purpose of data	Emissions within Project boundaries
Comments	

Data / Parameter	Csoc, tree
Data unit	tC/ha
Description	Description Carbon stock in soil organic carbon
Source of data	Minambiente e IDEAM, 2024.
Value applied	1.07
Justification of choice of data or description of measurement methods and procedures applied	Regional biome data reported in the FREL is encouraged to be used to align with the national carbon accounting and attend the climate change mitigation guidelines.
Purpose of data	Emissions within Project boundaries
Comments	

Data / Parameter	Project Forest Cover at the beginning and end of the monitoring period in the project area
Data unit	Ha
Description	Map showing the location of forest land within the project area at the beginning and end of the monitoring period. If within the Project Area some forest land is cleared, the benchmark map shows the deforested areas at each monitoring event.

Source of data	Satellite images (Landsat and Planet Scope)
Value of monitored parameter	October 2023: 1,002,172 ha October 2024: 1,000,696 ha
Indicate what the data are used for	Calculation of project area emissions
Monitoring equipment	Computers and SIG software. By using satellite images and remote sensing to map forest and non-forest covering the Project Area it is determined if there are any variations in the forest cover in the project area. Calculated according to satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Frequency of monitoring/recording	Every 1 or 2 years with satellite images.
Calculation method	Following the methodology of FREL Colombia (Minambiente and IDEAM, 2019)
QA/QC procedures to be applied	Following the methodology of FREL Colombia (2019) the procedures are accurate and precise.

Data / Parameter	Project Forest Cover at the beginning and end of the monitoring period in the leakage area
Data unit	Ha
Description	Map showing the location of forest land within the leakage area at the beginning and end of the monitoring period. If within the leakage area some forest land is cleared, the benchmark map shows the deforested areas at each monitoring event.
Source of data	Satellite images (Landsat and Planet Scope)
Value of monitored parameter	October 2023: 393,803 ha October 2024: 393,675 ha
Indicate what the data are used for	Calculation of leakage area emissions
Monitoring equipment	Computers and SIG software. By using satellite images and remote sensing to map forest and non-forest covering the Project Area it is determined if there are any variations in the forest cover in the project area. Calculated according to satellite images interpretation to identified forest cover using the FREL methodology to manage remote sensed imagery and process data.
Frequency of monitoring/recording	Every 1 or 2 years with satellite images.
Calculation method	Following the methodology of FREL Colombia (Minambiente and IDEAM, 2019)
QA/QC procedures to be applied	Following the methodology of FREL Colombia (Minambiente and IDEAM, 2019) the procedures are accurate and precise.

Data / Parameter	Project Forest Cover impacted by natural disturbance in the project area
Data unit	Ha
Description	Map showing the location of forest land impacted by natural disturbance in the project area during the monitoring period. If within the project area some forest has been loss due to natural disturbance, a benchmark map shows the impacted areas at each monitoring event.
Source of data	Satellite images (Landsat and Planet Scope)
Value of monitored parameter	0
Indicate what the data are used for	Calculation of project emissions
Monitoring equipment	Computers and SIG software. By using satellite images and remote sensing to map forest and non-forest covering the Project Area it is determined if there are any disturbances like fires or mass remotion on forest cover in the project area.
Frequency of monitoring/recording	Every 1 or 2 years with satellite images.
Calculation method	Calculated according to direct observation of phenomena in satellite images.
QA/QC procedures to be applied	Following direct observation of forest loss and post-deforestation land characteristics, the procedures are accurate and precise.

16 Quantification of GHG emission reduction / removals

16.1 Baseline emissions

- **Uncertainty of emissions estimations**

Although the new carbon contents for biomass and soil organic carbon were already published by the government of Colombia (Minambiente and IDEAM, 2024), the uncertainty values for each variable were not disclosed. Nevertheless, the uncertainty values of the 2019 FREL are used to complete the uncertainty assessment. The uncertainty in the estimates of project reductions is related to the activity data and emission factors. The BCR methodology stipulates that for the FREL values that are used, uncertainty estimation is not required, hence is already calculated and disclosed in the FREL report. The activity data for the project (deforestation and forest degradation) was calculated using the SMByC information, following the methodological approach described in the Digital Image Processing Protocol for the Quantification of Deforestation in Colombia V.2 of IDEAM (Galindo *et al* 2014). The emission factors (carbon contents per deposit) are the same used in the FREL report. The uncertainty values reported in

this project are the same disclosed by IDEAM in the FREL document, which corresponds to 9% activity data, aboveground biomass at 2.1%, belowground biomass (2%) and soil organic carbon 2% (Minambiente and IDEAM, 2019). Using the equation for combining the uncertainties of various emission sources proposed by the IPCC (2006), the uncertainty of the emission factor was calculated. Using the equation for combining uncertainties of a single emission source, also proposed by IPCC (2006), the approximate error of the Project reductions was calculated.

i) Equation for combining the uncertainties of various emission sources.

$$t = \frac{\sqrt{(A \times a)^2 + (B \times b)^2 + (C \times c)^2}}{T}$$

Where,

t: Total uncertainty; T: Total GHG emissions. A= emissions of category A, a= uncertainty of category A emissions, B= emissions of category B, b= uncertainty of category B emissions, …N= emissions of category N, n= uncertainty of category N emissions

a. Emission factor uncertainty:

Aboveground Biomass Amazonia biome: = 451 tCO2/ha/year

Below ground biomass: 100.6 tCO2/ha/year

Soil organic carbon: 3.95 tCO2/ha/year

Emission factor uncertainty = Root ((451 tCO2/ha/year * 2.1%) + (100.6 tCO2/ha/year * 2%) +(3.95 tCO2/ha/year * 2%))

Emission factor uncertainty = 2%

b. Activity data uncertainty:

The activity data was taken from the official information and methodology applied in the Forest and Carbon Monitoring System of Colombia (SMBYC). According to the FREL (IDEAM, 2019), the evaluation of the accuracy of the coverage changes maps included three aspects: i) estimates of the accuracy of the change, ii) estimates of the exchange area adjusted to eliminate the risk produced by classification errors and iii) confidence intervals associated with the estimation of accuracy parameters and coverage change area. The uncertainty results presented after applying this procedure correspond to:

Activity data uncertainty: 9%

ii) Equation for combining uncertainties of a single emission source.

$$U_{total} = \sqrt{U_1^2 + U_2^2 + \ldots + U_n^2}$$

Where,

U total: Total uncertainty; U1 = percentage of uncertainty of each emissions source variable.

a. Uncertainty of Project reductions estimations:

Uncertainty of Project reductions estimations = Root $((2)^2+(9)^2$

Uncertainty of Project reductions estimations = 9.2%

Combining the uncertainties of the activity data and emission factors, the estimates of emission reductions were evaluated to have an uncertainty of 9.2%.

- **Annual historical deforestation in the reference region**

For the estimation of the deforestation rate, an analysis was made of the change in forest cover to non-forest between 2007 and 2017. The following equation was used to estimate the historical annual deforestation in the no-project scenario:

$$CSB_{lb} = \left(\frac{1}{t_2 - t_1}\right) \times (A_1 - A_2)$$

$$CSB_{lb} = \left(\frac{1}{2017 - 2007}\right) \times (831{,}751 - 807{,}134)$$

$$CSB_{año} = 2{,}461\ ha$$

Donde:

CSB_{lb}	=	Annual change in forest area under scenario without project (ha) in reference region
t_2	=	End year of reference period
t_1	=	Starting year of the reference period
A_1	=	Forest area at initial time (ha)
A_2	=	Forest area at end time (ha)

- **Deforestation and baseline emissions in project area**

Based on the historical deforestation rate observed in the reference region, the baseline for deforestation in the project area was projected and defined. In addition, considering the national circumstances associated with the signing of peace agreements in Colombia and their potential effects on deforestation processes in areas such as where the project is located, in which the armed conflict has historically manifested, an additional parameter was included in the baseline equation to recognize that deforestation has increased in this area compared to the historical average observed. The value of the increase of the annual change in the forest area for the years 2023 onwards in the project area is based on increase defined as a reference parameter for the national context and reported in the Reference Level of Forest Emissions - FREL (Minambiente and IDEAM, 2024). The values used are describe above and can be consulted in the file *Cálculos_3era verificación CRIMA_V1.xslx* located in the folder *Calculos reducciones.* The estimated projected deforestation in the scenario without project was made using the following equation:

$$CSB_{im} = CSB_{lb} \times \% \, national \; circumstances \; increase$$

$$CSB_{im} = 2{,}968 \; ha \times \% \, national \; circumstances \; increase$$

Where:

CSB_{im}	=	Annual change in area covered by forest in project area (ha)
CSB_{lb}	=	Annual change in forest area on stage without project (ha)
% national circumstances increase	=	Percentage of increasing expected in year

The annual emission from deforestation in the baseline scenario is calculated from the following equation:

$$EA_{lb} = DA_{lb} \times CT_{eq} \times \% \, national \; circumstances \; increase$$

$$EA_{lb} = 2{,}968 \times 556.45 \; tCO2e \times \% \, national \; circumstances \; increase$$

$$EA_{lb} = 1{,}698{,}756 \; tCO2e \times \% \, increase$$

Where:

EA_{lb}	=	Annual issue in baseline scenario (tCO2/ha)
DA_{lb}	=	Annual historical deforestation in the baseline scenario (ha)
CT_{eq}	=	Carbon dioxide equivalent (tCO2e/ha)

During the monitoring period, the percentage of increase due to national circumstances corresponds to the following values: 25.9% for year 2023 and 29.9% for year 2024 (Minambiente e IDEAM, 2024).

- **Deforestation and baseline emissions in the leakage area**

To estimate deforestation in the leakage area, the following equation is used:

$$CSB_{lb,f} = \left(\frac{1}{t_2 - t_1}\right) \times \left(A_{1lb,f} - A_{2lb,f}\right)$$

$$CSB_{lb,f} = \left(\frac{1}{2017 - 2007}\right) \times (396{,}531 - 394{,}823)$$

$$CSB_{f,año} = 1{,}707\ ha$$

Where:

$CSB_{lb,f}$	=	Annual change in the forest cover in the leakage area, in without project scenario (ha)
t_2	=	End year of reference period
t_1	=	Starting year of the reference period
$A_{1lb,f}$	=	Forest area of the leakage area at the beginning of the reference period (ha)
$A_{2lb,f}$	=	Forest area of the leakage area at the end of the reference period (ha)

Based on the historical deforestation rate observed in the leakage area, the baseline for deforestation in the leakage area was projected and defined during project implementation. Thus, having a forest area at the beginning of the project in the leakage area of 394,823 ha, the annual baseline deforestation was calculated, and the result is presented below:

$$CSB_{im,f} = CSB_{lb,f}$$

$$CSB_{im,f} = 170\ ha$$

Where:

$CSB_{im,f}$ = Annual change in the area covered by forest in the leakage area, on the stage with project (ha)

$CSB_{lb,f}$ = Annual change in the area covered by forest in the leakage area, on stage without project (ha)

The annual emission from deforestation in the leakage area in the baseline scenario is estimated from the following equation:

$$EA_{f,año} = DA_f \times CT_{eq}$$

$$EA_{f,año} = 170 \times 556.45$$

$$EA_{f,año} = 94{,}822\ tCO_2e$$

Where:

$EA_{f,año}$ = Annual emission in the leak area (tCO2/ha)

DA_f = Historical annual deforestation in the leakage area (ha)

CT_{eq} = Total carbon dioxide equivalent (tCO2e/ha)

- **Baseline emissions for the monitoring period**

The following table shows the baseline emissions in the project area (PA) and the leakage area (AF) during the monitoring period. The values also include the progressive emissions of the SOC fraction released each year:

Year	***AP: Emissions Deforestation Baseline (tCO2e)***	***AF: Emissions Deforestation Baseline (tCO2e)***
October 2023	*534,592*	*27,519*
October 2024	*1,846,815*	*82,886*

16.2 Project emissions/removals

Deforestation observed in the project area during the monitoring period was estimated using the following equation:

$$CSB_{proy,año} = \left(\frac{1}{t_2 - t_1}\right) \times \left(A_{REDD+proy,1} - A_{REDD+proy,2}\right)$$

$$CSB_{proy,año} = \left(\frac{1}{2024.83 - 2023.75}\right) \times (1{,}002{,}172 - 1{,}000{,}696)$$

$$CSB_{proy,año} = 1{,}362.4\ ha$$

Where:

$CSB_{proy,año}$	=	Annual change in forest area in project area (ha)
t_2	=	End year of monitoring period
t_1	=	Initial year of monitoring period
$A_{REDD+proy,1}$	=	Forest area in the project area at the start of the monitoring period (ha)
$A_{REDD+proy,2}$	=	Forest area in the project area at the end of the monitoring period (ha)

The annual emission from deforestation observed in the project area was calculated from the following equation:

$$EA_{REDD+proy,año} = DEF_{REDD+proy,año} \times tCO_{2e}$$

$$EA_{REDD+proy,año} = 1{,}362.4 \times 556.4$$

$$EA_{REDD+proy,año} = 758{,}093\ tCO_{2e}$$

Where:

$EA_{REDD+proy,año}$	=	Annual issue in the project area (tCO2/ha)
$DEF_{REDD+proy,año}$	=	Annual deforestation in the project area (ha)
tCO_{2eq}	=	Total carbon dioxide equivalent (tCO2e/ha)

The summary of emissions in the project area during the monitoring period corresponds to the following, which also include the progressive SOC that is liberated progressively due to previous deforestation occurred in the project area:

Year	***Deforestation emissions (tCO2e)***

October 2023	*193,311*
October 2024	*636,878*

16.3 Leakages

Deforestation observed in the leakage area during the monitoring period was estimated using the following equation:

$$CSB_{f,año} = \left(\frac{1}{t_2 - t_1}\right) \times \left(A_{f,1} - A_{f,2}\right)$$

$$CSB_{f,año} = \left(\frac{1}{22024.83 - 2023.75}\right) \times (393{,}803 - 393{,}675)$$

$$CSB_{f,año} = 118.1\ ha$$

Where:

$CSB_{f,año}$	=	Annual change in the area covered by forest in the leakage area (ha)
t_2	=	End year of monitoring period
t_1	=	Initial year of monitoring period
$A_{f,1}$	=	Forest area in the area of leakage at the start of the monitoring period (ha)
$A_{f,2}$	=	Forest area in the leakage area at the end of the monitoring period (ha)

The annual emission from deforestation observed in the leakage area is calculated from the following equation:

$$EA_{f,año} = \left(DEF_{f,año} \times tCO_{2eq}\right) - EA_{lb,f,año}$$

$$EA_{f,año} = (118.1\ ha \times 556.4\ tCO2e/ha) - 94{,}626\ tCO2e$$

$$EA_{f,año} = -28{,}921\ tCO2e$$

Where:

$EA_{Rf,año}$	=	Annual emission in the leak area (tCO2/ha)
$DEF_{f,año}$	=	Annual deforestation in the leak area (ha)
tCO_{2eq}	=	Total carbon dioxide equivalent (tCO2e/ha)
$EA_{lb,f,año}$	=	Annual emission of deforestation in the leakage area in the baseline scenario (tCO2e)

The summary of emissions in the leakage area during the monitoring period corresponds to the following values, which include the progressive SOC release of previous forest loss in the leakage area. Negative signs indicate that deforestation during the monitoring period was less than the baseline emissions for the leakage area:

Year	***Deforestation emissions (tCO2e)***
October 2023	*-6,955*
October 2024	*-23,876*

16.4 Net GHG Emission Reductions / Removals

Year	***Baseline emissions ($tCO2_e$)***	***Project emissions ($tCO2_e$)***	***Emissions from leakage ($tCO2_e$)***	***Net GHG emission reductions ($tCO2_e$)***
01-10-2023 – 31-12-2023	*534,592*	*193,311*	*0*	*341,281*
01-01-2024 – 31-10-2024	*1,846,815*	*636,878*	*0*	*1,209,937*
Total	*2,381,407*	*830,189*	*0*	*1,551,218*

16.5 Comparison of actual emission reductions with estimates in the project document

Comparing the net GHG emission reductions achieved during this monitoring period (ex-post) with the estimated ex-ante reductions, the variation ranges from 4% to 5.7% in the implementation years. This variation is due to the increased commitment of the

community to protect their forests and reduce land use change. The results are close to what was initially expected but have gone further because the community has increased its efforts to reduce forest change and has continued with conservation activities. The behavior of deforestation trends has remained low since the beginning of the project, which indicates a slower process of forest loss compared to historical trends and a greater impact of the project's strategy to control it. The results are positive in terms of maintaining the natural forest cover over time, which is an incentive to continue and strengthen the efforts and activities of the local communities to protect their territory.

Year	*Baseline emissions (tCO2e)*	*% reduction estimated ex-ante*	*% reduction observed ex-post*	*Observed variation*
01-10-2023 – 31-12-2024	*534.592*	*69,5*	*63,8*	*-5,7*
01-01-2024 – 31-10-2024	*1.846.815*	*69,6*	*65,5*	*-4,0*

16.6 Remarks on difference from estimated value in the registered project document

There were no increases in GHG emission reductions during the monitoring period due to changes in information or parameters of the project scenario described in the project document and the previous monitoring period.

NOTE: This Monitoring Report (MR) shall be completed following the instructions included. However, it is important to highlight that these instructions are complementary to the BCR STANDARD, and the Methodology applied by the project holder, in which more information on each section can be found.